

Subject Code Course Title	Outcomes	Cycle Plan	Data Collected Including Closing of the Loop
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### ALLS - ENGLISH Department (Michael Heumann) (ENGL, READ)

ENGL 008	Basic English Composition I	1 Develop an essay that contains a clear thesis statement, provides adequate support, and employs a solid organizational structure.	S20	Spring 18
		2 Develop an essay that minimizes sentence-level and grammatical errors. (ILO1, ILO2, ILO3, ILO4)	S21	Spring18
		3 Demonstrate an ability to comprehend a variety of different texts, including simple arguments, without relying on outside sources for	S19	Spring 19
ENGL 009	Basic English Composition II	1 Develop an essay that contains a thesis statement, provides adequate support, and employs an clear organizational structure.	S20	Spring 18
		2 Develop an essay that avoids sentence-level and grammatical errors. (ILO1, ILO2, ILO3, ILO4)	S21	Spring 18
		3 Develop a research paper that effectively synthesizes ideas and information from multiple sources and utilizes correct MLA	S19	Spring 19
		4 Demonstrate an ability to comprehend and interpret college-level texts, including arguments, without relying on outside sources for	S19	Spring 19
ENGL 010	English Composition - Accelerated	1 Develop an essay that contains a thesis statement, provides adequate support, and employs an clear organizational structure.	S20	Spring 18
		2 Develop an essay that minimizes sentence-level and grammatical errors. (ILO1, ILO2, ILO3, ILO4)	S21	Spring 18
		3 Develop a research paper that effectively synthesizes ideas and information from multiple sources and utilizes correct MLA	S19	Spring 19
		4 Demonstrate an ability to comprehend and interpret college-level texts, including arguments, without relying on outside sources for	S19	Spring 19
ENGL 055	Intensive Composition and Reading Lab	1 Students will be able to write an expository essay that demonstrates competence in both form and content. The essay will 1) address the writing task 2) be organized 3) use details and examples to support the thesis and 4) demonstrate facility with grammar and syntax.	S20	

ENGL 059	Grammar and Usage Review- This course will be deleted.	1	Demonstrate up to four techniques for repairing a comma splice	When Offered	Spring 18
		2	Demonstrate ability to use present-tense verbs correctly. (ILO1)	When Offered	Spring 18
		3	Demonstrate ability to use past participle verb forms correctly.	When Offered	
ENGL 102	Introduction to Literature	1	Recognize the development of character in fiction. (ILO1, ILO2)	S20	Spring 18
		2	Identify and become familiar with some academically relevant texts within the literary canon representing a variety of cultures and	S21	Spring 18
		3	Identify symbolism within works of fiction, poetry, and drama.	S22	
ENGL 110	Composition and Reading	1	Compose college-level essays that contain clear thesis statements, effective support, and unified organization. (ILO1, ILO2, ILO4)	S20	Spring 18
		2	Synthesize information from multiple sources to produce a research paper that is formatted and documented according to MLA guidelines. (ILO1, ILO2, ILO4, ILO5)	S21	Spring 18
		3	Synthesize information from multiple sources to produce a research paper that is formatted and documented according to MLA guidelines. (ILO1, ILO2, ILO4, ILO5)	S19	Spring 19
ENGL 201	Advanced Composition	1	Interpret appropriately and analyze a written argument for claim, evidence, reasoning, fallacies, and overall effectiveness. (ILO1, ILO2)	S20	Spring 18
		2	Develop an effective written argument containing a factual claim, providing valid and appropriate evidence, utilizing appropriate reasoning strategies, and avoiding fallacies. (ILO1, ILO2, ILO3)	S21	Spring 18
		3	Demonstrate command of rules regarding plagiarism and academic	S19	Spring 19
ENGL 220	Survey of American Literature I	1	Synthesize and evaluate American literature (including genre, themes, and historical contexts) from its beginnings through the American Renaissance of the 19th Century. (ILO1, ILO2, ILO5)	F21	
		2	Demonstrate command of rules regarding plagiarism and academic	F21	
		3	Access and interpret literary texts using scholarly sources (drawn from the library catalog, electronic databases, and the internet) as support. Evaluate publishers/authors. (ILO1, ILO2, ILO4)	F21	
		4	Perform literary analysis featuring close reading skill, coherent interpretation, thoughtful interaction with themes/content, and extension of literary text/s. (ILO1, ILO2, ILO3)	F21	
ENGL 221	Survey of American Literature II	1	Synthesize and evaluate American literature (including genre, themes, and historical contexts) from after the Civil War to the	S22	
		2	Demonstrate command of rules regarding plagiarism and academic	S22	

		3	Access and interpret literary texts using scholarly sources (drawn from the library catalog, electronic databases, and the internet) as	S22	
		4	Perform literary analysis featuring close reading skill, coherent interpretation, thoughtful interaction with themes/content, and extension of literary text/s. (ILO1, ILO2, ILO3)	S22	
ENGL 224	Survey of British Literature I	1	Synthesize and analyze British literature (including genre, themes, and historical contexts) from the earliest British literature to the late	F20	
		2	Demonstrate mastery of rules regarding plagiarism and academic	F20	
		3	Analyze British literature in the context of the social/historical	F20	
ENGL 225	Survey of British Literature II	1	Analyze British literature (including genre, themes, and historical contexts) from the late 18th century to contemporary times. (ILO1,	S19	Spring 19
		2	Demonstrate mastery of rules regarding plagiarism and academic	S19	Spring 19
		3	Analyze British literature in the context of the social/historical period. (ILO1, ILO2, ILO3, ILO5)	S19	Spring 19
ENGL 226	Introduction to Mythology	1	Show a broad understanding of common structures and themes found in mythological texts from around the world. (ILO1, ILO2,	S22	Spring 19
		2	Demonstrate command of rules regarding plagiarism and academic	S22	Spring 19
		3	Access and interpret literary texts via various sources (drawn from Internet, library catalogue, and electronic databases); and evaluate publishers/authors. (ILO1, ILO2, ILO4)	S22	Spring 19
		4	Analyze myths from different historic periods and different cultures.	S19	Spring 19
ENGL 250	Creative Writing	1	Compose a short story with adequate development of plot, theme, and character development, with properly formatted dialogue, description, and literary devices. (ILO1, ILO2)	F20	
		2	Compose a short poem with demonstrated understanding of line length, alliteration, assonance, rhyme, meter, imagery, symbolism,	F20	
		3	Proofread, edit, analyze, and critique fellow students' stories and poems based on their mastery of the appropriate elements as	F20	
ENGL 270	Introduction to Linguistics	1	Identify basic elements of English phonetics, phonology, morphology, syntax, semantics, pragmatics, and sociolinguistics as they relate to success and failure in communication between people.	F20	

		2	accurately describe the universal and variant elements of human language and language learning.	F20	
		3	identify the nature of errors in non-standard dialects as they relate to the core areas of language study listed in #1 above.	F20	
ENGL 805	Fundamental Academic English Skills: Academic	1	Derive the meaning of words through context clues.	When Offered	
		2	Derive the meaning of words through word parts, such as prefixes,	When Offered	
		3	Identify an author's tone, attitude, or meaning through indicator	When Offered	
ENGL 806	Fundamental Academic English Skills: Sentence	1	Write a coherent paragraph that varies sentence patterns.	When Offered	
		2	Correct comma splices and run-on sentences in four different ways.	When Offered	
		3	Write a coherent paragraph that uses a topic sentence and	When Offered	
ENGL 807	Fundamental Academic English Skills: Reading to Write	1	Locate and analyze stated and implied main ideas and specific supporting details in paragraphs.	When Offered	
		2	Locate and classify common signal words in paragraphs to identify paragraph development patterns.	When Offered	
		3	Write paragraphs containing topic sentences and specific supporting	When Offered	
ENGL 808	Fundamental Academic English Skills: Grammar and	1	Recognize subject-verb agreement errors and correct them.	When Offered	
		2	Write a paragraph using the correct form and tense of verbs.	When Offered	
		3	Students will properly punctuate direct and paraphrased quotations.	When Offered	
ENGL 811	Basic ESL/Civics	1	read and write simple sentences as used by USCIS for citizenship	When Offered	
		2	complete citizenship application form. (ILO1, ILO4)	When Offered	
ENGL 812	Basic Oral English for ESL/Civics	1	improve oral communication skills needed to pass citizenship interview and exam. (ILO1, ILO4)	When Offered	
		2	listen for detail and ask for clarification as needed to pass the citizenship exam. (ILO1, ILO3, ILO5)	When Offered	
READ 018	Reading I: Basic Development	1	Locate and analyze both stated and implied subjects and main ideas in paragraphs. (ILO1, ILO2)	S21	Spring 18
		2	Locate major and minor details and identify the author's organization of ideas in expository paragraphs and simple essays.	S21	Spring 18
		3	Use context clues and word parts to analyze and learn unknown vocabulary. (ILO1, ILO2)	S21	
		4	Show growth in reading skills by attending and completing assignments (blocks) in the online reading lab program. (ILO1, ILO2,	S21	

READ 019	Reading II: Intermediate Development	1	Use knowledge of main idea, major and minor details to compose outlines, paraphrases and summaries of college-level multi-paragraph essays, articles, editorials and textbook chapters. (ILO1,	S21	Spring 18
		2	Use critical thinking skills (analysis, synthesis, and evaluation) to respond to college level texts. (ILO1, ILO2)	S21	Spring 18
		3	Use a variety of strategies to analyze and learn college level	S21	
		4	Show growth in reading skills by attending and completing assignments (blocks) in the online reading lab program. (ILO1, ILO2,	S21	
READ 111	Analytical & Critical Reading	1	Identify the three main persuasive appeals in selective texts. (ILO1,	S21	Spring 18
		2	Show growth in the ability to distinguish and identify word meanings appropriate to the college-transfer level. (ILO1, ILO2)	S21	Spring 18
		3	Identify persuasive techniques in print or visual or aural media.	S21	Spring 19
		4	Identify, analyze, and critique inference and its effects. (ILO1, ILO2)	S21	Spring 19
ACADEMIC PREPAREDNESS IN ENGLISH - NONCREDIT		1	Demonstrate command of reading strategies for reading academic texts.	will this be deleted from here and moved to Non-credit with Efrain? 10/2/2019	
		2	Produce academic writing that follows proper format and standard English grammatical rules.	check into this	
ENGLISH FOR TRANSFER		1	Demonstrate command of rules regarding plagiarism and academic	Fall 2019/22	
		2	Explicate and evaluate textual material in literature and rhetoric.	Fall 2019/22	
		3	Produce an effective research paper using logical reasoning and	Fall 2019/22	
			PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	English 201 Composition and English 220 etc. for Literature Piece of PLOs.	

## ALLS - ESL Department (Sydney Rice) (ESL)

Subject Code	Course Title	Course Outcomes	Cycle Plan	Data Collected Including Closing of the Loop	
ESL 001	Grammar and Composition for ESL	1	Write sentences in English with correct subject/verb agreement (ILO	F20	Fall 19
		2	Correctly form and use verbs in a variety of tenses (ILO 1, ILO 2).	F20	

	1	3	Demonstrate knowledge of, and ability to use, correct punctuation and mechanics (ILO 1, ILO2).	F20	
ESL 002	Grammar and Composition for ESL 2	1	Write sentences in English with correct subject/verb agreement (ILO	F20	
		2	Correctly form and use verbs in a variety of tenses (ILO 1, ILO 2).	F20	
		3	Demonstrate knowledge of, and ability to use, correct punctuation and mechanics (ILO 1, ILO 2).	F20	
ESL 003	Grammar and Composition for ESL 3	1	Write sentences in English with correct subject/verb agreement (ILO	F20	Spring 19
		2	Correctly form and use verbs in a variety of tenses (ILO 1, ILO 2).	F20	
		3	Demonstrate knowledge of, and ability to use, correct punctuation and mechanics (ILO 1, ILO 2).	F20	Spring 19
ESL 004	Grammar and Composition for ESL 4	1	Correctly form and use verbs in a variety of tenses (ILO 1, ILO 2).	F20	Fall 19
		2	Write and/or identify a variety of sentences (simple, compound, complex, compound-complex), including questions and negatives	F20	Fall 19
		3	Write a topic sentence with a topic and controlling idea (ILO 1).	F20	Fall 19
ESL 005	Grammar and Composition for ESL 5	1	Correctly form and use verbs in a variety of tenses (ILO 1, ILO 2).	F20	Spring 19
		2	Write and/or identify a variety of sentences (simple, compound, complex, compound-complex), including questions and negatives	F20	Spring 19
		3	Write a topic sentence with a topic and controlling idea (ILO 1).	F20	Spring 19
ESL Lab going through curriculum to be deleted.					
ESL 011	Speaking & Listening for ESL	2	Apply knowledge of English pronunciation rules in oral and/or aural	S21	
		3	Participate in speeches/ conversations/ presentations utilizing the format and vocabulary of the identified speech act.(ILO 1, ILO 2)	S21	
		4	Listen to a passage or conversation and identify the main ideas and supporting details, either orally or in writing. (ILO 1, ILO 2)	S21	
ESL 012	Speaking & Listening for ESL 2	1	Apply knowledge of English pronunciation rules in oral and/or aural exercises. (ILO 1, ILO 2)	S21	Spring 19
		2	Participate in speeches/ conversations/ presentations utilizing the format and vocabulary of the identified speech act. (ILO 1, ILO 2)	S21	Spring 19
		3	Listen to a passage or conversation and identify the main ideas and supporting details, either orally or in writing. (ILO 1, ILO2)	S21	Spring 19
ESL 013	Speaking & Listening for ESL 3	1	Apply knowledge of English pronunciation rules in oral and/or aural exercises. (ILO 1, ILO 2)	S21	

		2 Participate in speeches/ conversations/ presentations utilizing the format and vocabulary of the identified speech act. (ILO 1, ILO 2)	S21	
		3 Listen to a passage or conversation and identify the main ideas and supporting details, either orally or in writing. (ILO 1, ILO2)	S21	Spring 19
ESL 014	Speaking & Listening for ESL 4	1 Apply knowledge of English pronunciation rules in oral and/or aural exercises. (ILO 1, ILO 2)	S21	Spring 19
		2 Participate in speeches/ conversations/ presentations utilizing the format and vocabulary of the identified speech act. (ILO 1, ILO 2)	S21	Spring 19
		3 Listen to a passage or conversation and identify the main ideas and supporting details, either orally or in writing. (ILO 1, ILO2)	S21	Spring 19
ESL 015	Speaking & Listening for ESL 5	1 Apply knowledge of English pronunciation rules in oral and/or aural exercises. (ILO 1, ILO 2)	S21	Spring 19
		2 Participate in speeches/ conversations/ presentations utilizing the format and vocabulary of the identified speech act. (ILO 1, ILO 2)	S21	Spring 19
		3 Listen to a passage or conversation and identify the main ideas and supporting details, either orally or in writing. (ILO 1, ILO2)	S21	Spring 19
ESL 023	ESL Reading 1	1 Analyze a reading to identify the topic and main idea, and to distinguish between major and minor details (ILO 2).	S21	
		2 Use knowledge of vocabulary and structure to determine the rhetorical mode of a reading (ILO 2).	S21	
		3 Apply knowledge of usage of an English-only dictionary to aid in reading comprehension (ILO 2).	S21	
ESL 024	ESL Reading 2	1 Analyze a reading to identify the topic and main idea, and to distinguish between major and minor details (ILO 2).	S21	Spring 19
		2 Use knowledge of vocabulary and structure to determine the rhetorical mode of a reading (ILO 2).	S21	Spring 19
		3 Apply knowledge of usage of an English-only dictionary to aid in reading comprehension (ILO 2).	S21	Spring 19
ESL 025	ESL Reading 3	1 Analyze a reading to identify the topic and main idea, and to distinguish between major and minor details (ILO 2).	S21	
		2 Use knowledge of vocabulary and structure to determine the rhetorical mode of a reading (ILO 2).	S21	

		3	Apply knowledge of usage of an English-only dictionary to aid in reading comprehension (ILO 2).	S21	
ESL 031	Verb Review 1	1	1. Select the correct verb to be versus to have needed to complete a passage in English (ISLO1).	F20	
ESL 032	Verb Review 2	1	Demonstrate an understanding of the uses of the simple present and present progressive by using the correct tense to complete a	F20	
ESL 037	Verb Review 7	1	Demonstrate competency in recognizing and naming the four present tenses in sentences (ISLO2).	F20	
ESL 038	Verb Review 8	1	Demonstrate competency in using past participles correctly in the present perfect and the past perfect tenses (ISLO1).	F20	
ESL 041	Conversation 1	1	Students will be able to verify information in a conversation. [ISLO1]	S21	
ESL 042	Conversation 2	1	Demonstrate ability to open and close a telephone conversation.	S21	
ESL 051	Pronunciation 1	1	Students will orally produce comprehensible -s endings in plural	S21	
ESL 052	Pronunciation 2	1	Students will orally produce comprehensible -ed endings in regular verbs in the simple past tense.[ILO1]	S21	
ESL 061	Vocabulary 2	1	Use target vocabulary in original sentences. (ILO2)	S21	
ESL 062	Vocabulary 3	1	Use target vocabulary in original written sentences. (ILO 1, ILO 2)	S21	
ESL (English as a Second Language)		1	Students will produce a paragraph (8-10 sentences) that demonstrates their ability to use a standard academic organizational pattern, topic sentence, supporting sentences, and concluding	Fall 19/22	
		2	Students will produce a speech/presentation (3-5 minutes) that demonstrates their ability to communicate the main idea, provide opinions, reasons and examples using clear and accurate	Fall 19/22	
		3	Students will produce a graphic organizer based on a reading passage that demonstrates their ability to understand the text structure including main ideas and major and minor details.	Fall 19/22	
PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.				ESL 25. ESL 5. and ESL 15 with rubric	

**ALLS - HUMANITIES Department (Carol Hegarty) (ART, FILM, HUM, JRN, MUS, PHIL, RELS, THEA)**

Subject Code	Course Title	Course Outcomes	Cycle Plan	Data Collected Including Closing of the Loop
ART 100	History of Art I	1 Identify famous works of art. (ILO1, ILO4, ILO5)	F20	Spring 17
		2 Recognize diverse art styles. (ILO2, ILO4, ILO5)	F21	Spring 17
		3 Appreciate the cultural and historical significance of famous works of art. (ILO4, ILO5)	F22	Spring 17
ART 102	History of Art II	1 Identify, examine, and assess representative works of art and architecture from the Renaissance to the contemporary period employing appropriate art historical terminology. (ILO1, ILO2)	F20	Spring 17
		2 Analyze, discuss, and differentiate works of art and architecture in terms of historical context and cultural values. (ILO1, ILO2, ILO5)	F21	Spring 17
		3 Analyze, discuss, and distinguish the roles of art, architecture, and the artist from the Renaissance to the contemporary period. (ILO1, ILO2, ILO5)	F22	Spring 17
ART 104	History of Modern Art	1 Recognize and identify famous works of art by artist, style, region and time period. (ILO2, ILO4, ILO5)	F20	
		2 Describe and analyze works of art using appropriate terminology.	F21	
		3 Identify the historical context behind important art movements of the 20th century. (ILO2, ILO4, ILO5)	F22	
ART 110	Design	1 Choose and manipulate two-dimensional elements and principles of design to compose a visual solution to a given problem. (ILO2, ILO3, ILO5)	F20	Spring 17
		2 Develop portfolio of designs. (ILO2, ILO3)	F21	
		3 Present, discuss and critique work in a coherent manner. (ILO1, ILO2, ILO5)	F22	
ART 112	Design	1 Choose and manipulate three-dimensional elements and principles of design to create a visual and functional solution to a given problem. (ILO2, ILO3, ILO5)	F20	
		2 Develop portfolio of three dimensional designs. (ILO2, ILO3, ILO5)	F21	
		3 Present, discuss and critique three dimensional designs in a coherent manner. (ILO1, ILO2, ILO3, ILO5)	F22	
ART 120	Drawing I	1 Write a descriptive essay on a contemporary exhibition. (ILO1, ILO2, ILO3)	F20	
		2 Identify and create types of line drawings: contour, gesture, blind contour, cross contour, hatched, cross hatched. (ILO2, ILO3)	F21	

		3	Assemble a final portfolio with all work created during the semester.	F22	
ART 122	Drawing II	1	Develop, create, and present portfolio of original drawings addressing contemporary art issues in a coherent personal style.	F20	
		2	Critique works of art. (ISO1, ISLO2, ISO3, ISLO4, ISLO5)	F21	
		3	Write a descriptive essay on a contemporary artwork. (ISLO1, ISLO3,	F22	
ART 124	Painting I	1	Develop, create, and present portfolio of original still life and landscape paintings from observation and imaginative paintings that address content using multiple references. (ISLO1, ISLO2, ISLO3,	F20	
		2	Critique works of art. (ISLO1, ISLO3, ISO5)	F21	
		3	Write a descriptive essay about a work of art. (ISLO1, ISLO3, ISO5)	F22	
ART 126	Painting II	1	Develop, create, and present portfolio of original paintings addressing contemporary art issues in a coherent personal style.	F20	
		2	Critique works of art. (ISO1, ISLO2, ISO3, ISLO4, ISLO5)	F21	
		3	Write a descriptive essay on a contemporary artwork. (ISLO1, ISLO3,	F22	
ART 128	Watercolor Painting	1	Develop portfolio of watercolor paintings. (ILO2, ILO5)	F20	
		2	Present, discuss and critique watercolor paintings in a coherent manner. (ILO1, ILO2, ILO3, ILO5)	F21	
		3	Describe a famous watercolor painting, analyze it, and interpret it in a 600-900 word essay. (ILO1, ILO2, ILO3, ILO5)	F22	
ART 160	Graphic Design	1	Develop portfolio of graphic designs suitable for presentation for employment in the field or to a client for freelance work. (LO1, ILO2,	F20	Spring 17
		2	Present, discuss and critique work in a coherent manner. (ILO1, ILO2,	F21	
		3	Write a descriptive essay on a contemporary design. (ISLO1, ISLO3,	F22	
ART 170	Photography - Beginning	1	Demonstrate understanding of composition, lens choice, and darkroom procedures using a manual camera (ILO2, ILO3, ILO5)	F20	
		2	Develop portfolio of photographs, properly mounted and presented. (ILO1, ILO2, ILO5)	F21	
		3	Present, discuss and critique photographs. (ILO1, ILO2, ILO3, ILO5)	F22	
ART 220	Drawing III	1	Develop, create, and present portfolio of original drawings addressing contemporary art concepts in a coherent personal style and using advanced methodologies. (ISLO1, ISLO2, ISLO3, ISLO5)	F20	

		2 Critique works of art either in written or oral form using proper terminology. (ISO1, ISLO2, ISO3, ISLO4, ISLO5)	F21	
		3 Write a critical opinion essay on a contemporary artwork. (ISLO1,	F22	
ART 222	Drawing IV	1 Critique works of art either in written or oral form using proper terminology. (ISO1, ISLO2, ISO3, ISLO4, ISLO5)	F20	
		2 Present a final portfolio including all work done during the semester, suitable for submission to four year institution, art school or art gallery venues. (ILO2, ILO3, ILO4, ILO5)	F21	
		3 Create a substantial capstone project on theme of student's choice. (ILO2, ILO3, ILO4, ILO5)	F22	
ART 224	Painting III	1 Invent, create, and present paintings employing contemporary art trends, arranged in a portfolio appropriate for submission to four - year institution or gallery. (ISLO1, ISLO2, ISLO3, ISLO5)	F20	
		2 Critique works of art. (ISO1, ISLO2, ISO3, ISLO4, ISLO5)	F21	
		3 Write a description and opinion essay on a contemporary artwork. (ISLO1, ISLO2, ISLO3, ISLO5)	F22	
ART 226	Painting IV	1 Invent, create, and present paintings employing contemporary art trends that embody a personal style and are arranged in a portfolio appropriate for submission to four year institution, gallery or for	F20	
		2 Critique works of art.	F21	
		3 Write a descriptive opinion essay on a contemporary painting.	F22	
ART 260	Advertising/Graphic Design	1 Develop portfolio of graphic designs suitable for advertising. (ILO2,	F20	
		2 Present, discuss and critique designs in coherent manner. (ILO1,	F21	
		3 Write a descriptive essay on a contemporary design. (ISLO1, ISLO3,	F22	
ART 262	Gallery Display I	1 Practice proper exhibition techniques through participation in the mounting of an exhibit. (LO1, ILO2, ILO3, ILO5)	F20	
		2 Present, discuss and critique work in a coherent manner. (ILO1, ILO2,	F21	
		3 Write a descriptive essay on a contemporary artwork. (ISLO1, ISLO3,	F22	
ART 263	Gallery Display II	1 Demonstrate knowledge of exhibition installation and design, and hanging and display techniques. (LO1, ILO2, ILO3, ILO5)	F20	
		2 Understand and experience care and upkeep of artworks. (ILO2,	F21	

		3	Practice methods of exhibition promotion and outreach to artists and the public. (ISLO1, ISLO3, ILO4, ISO5)	F22	
ART 264	Gallery Display III	1	Perform the complete installation of an art exhibit. (LO1, ILO2,	F20	
		2	Create a presentation on methods of art preservation and handling. (ILO1, ILO2, ILO3, ILO5)	F21	
		3	Design promotional materials for an exhibition or event. (ISLO1,	F22	
ART 270	Photography - Intermediate	1	Present, discuss and critique photographs in a coherent manner. (ILO1, ILO2, ILO3, ILO5)	F20	
		2	Demonstrate understanding of film exposure, visual communication skills, use of light and lighting control in the studio and on location.	F21	
		3	Develop portfolio of photographs suitable for presentation for employment in the field, to a client for freelance work or for	F22	
FILM 130	Introduction to Film	1	Identify iconographic elements pertaining to western film, horror film, and musical film genres. (ILO1)	F20	Fall 19
		2	Write short essays offering a reasoned critique of selected films. (ILO1, ILO2, ILO4)	F21	Fall 19
		3	Recognize and analyze contribution(s) of key members of the film production company. (ILO1, ILO2)	F22	Fall 19
HUM 100	Introduction to the Humanities	1	Analyze and interpret a work of art (ILO2, ILO4, ILO5)	F20	Spring 18
		2	Recall basic information about the Arts. (ILO1, ILO4, ILO5)	F21	Spring 17
		3	Demonstrate a capacity for creative expression (ILO1)	F22	Spring 18
HUM 226	Introduction to Mythology	1	Show a broad understanding of common structures and themes found in mythological texts from around the world. (ILO1, ILO2, ILO5)	F20	this course is not offered once a year
		2	Demonstrate command of rules regarding plagiarism and academic	F21	
		3	Access and interpret literary texts via various sources (drawn from Internet, library catalogue, and electronic databases); and evaluate publishers/authors. (ILO1, ILO2, ILO4)	F22	
		4	Analyze myths from different historic periods and different cultures. (ILO1, ILO2, ILO3)	F20	
MUS 100	Intro to Music Foundations	1	Perform selected songs on flutophone with correct pitches and	F20	Spring 18

	Foundations	2	Demonstrate knowledge of notation via being able to name notes on the Treble and Bas Clef Staffs, as well as note on leger lines (ILO2,	F21	Spring 18
		3	Demonstrate knowledge of at least 10 or 15 major scales and their key signatures by being able to write them, and/or identify them.	F22	Spring 18
MUS 102	Intro to Music Literature & Listening	1	Student will learn and use critical listening skills to discuss and critique a musical work. (ILO1, ILO2, ILO4)	F20	Spring 18
		2	Student will learn to identify all the instruments in an orchestra by their appearance and their sound. (ILO1, ILO2, ILO4))	F21	Spring 18
		3	The student will learn how identify the "form" of a classical or jazz composition through repeated listenings.(ILO1, ILO2, ILO4))	F22	Spring 18
		4	Student will know the names of the most important Baroque composers and their most significant compositions. (ILO1, ILO2,	F20	Spring 18
MUS 110	Beginning Musicianship I	1	Demonstrate basic sight singing skills. (ILO2, ILO4)	F20	Spring 18
		2	Demonstrate basic ear training skills. (ILO2, ILO4)	F21	Spring 18
MUS 112	Beginning Musicianship II	1	Demonstrate two-part melodic dictation, rhythmic dictation containing dotted notes and sixteenth notes. (ILO2, ILO4)	F20	Spring 18
		2	Demonstrate sight-singing skills. (ILO2, ILO4)	F21	Spring 18
MUS 120	Beginning Harmony I	1	Demonstrate knowledge of diatonic triads in major keys. (ILO1, ILO2,	F20	Spring 18
		2	Demonstrate knowledge of diatonic triads in minor keys. (ILO1, ILO2,	F21	Spring 18
		3	Demonstrate knowledge of seventh chords in major and minor keys. (ILO1, ILO2, ILO3, ILO4)	F22	Spring 18
MUS 122	Beginning Harmony II	1	Demonstrate knowledge of Root Position in part-writing in 3-part textures. (ILO1, ILO2, ILO3, ILO4)	F20	Spring 18
		2	Demonstrate knowledge of Root Position in part-writing in 4-part textures. (ILO1, ILO2, ILO3, ILO4)	F21	Spring 18
		3	Demonstrate knowledge of Instrumental Ranges and transpositions. (ILO1, ILO2, ILO3, ILO4)	F22	Spring 18
MUS 140	Beginning Group Piano I	1	Perform beginning level-1 pieces with correct pitches, rhythms, fingerings, hand position, at a reasonable tempo, with expressions indications observed. (ILO1, ILO2, ILO4)	F20	Spring 17
		2	Perform the C major scale with the RH and the LH separately. Up and Down 2 Octaves. (ILO2, ILO4)	F21	Spring 17

MUS 142	Beginning Group Piano II	1	Perform beginning level-2 pieces with correct pitches, rhythms, fingerings, hand position, at a reasonable tempo, with expressions indications observed (ILO1, ILO2, ILO4)	F20	Spring 17
		2	Perform the all 12 major scales with the RH and the LH separately. Up and Down 3 Octaves. (ILO2, ILO4)	F21	
MUS 150	Beginning Voice I	1	Demonstrate healthy singing techniques conducive to producing a beautiful tone; perform simple vocal literature suitable for voice range and maturity. (ILO1, ILO2, ILO4)	F20	Spring 18
MUS 152	Beginning Voice II	1	Demonstrate increasing mastery of vocal techniques; perform a variety of repertoire including but not limited to Spanish, folk, musical theater, classical, and popular music. (ILO1, ILO2, ILO4)	F21	Spring 18
MUS 156	Beginning College Chorus	1	Demonstrate knowledge and performance skills in a variety of choral repertoire, from moderate to advanced levels of difficulty; and from genres including Classical, Jazz, Gospel, Easy-Listening, World music, Spirituals, Songs from Musical Shows, Broadway Tunes, and Pop tunes. Additionally, demonstrate professional decorum during	F20	Spring 18
MUS 157	Intermediate College Chorus	1	Demonstrate increased knowledge and performance skills in a variety of choral repertoire, from moderate to advanced levels of difficulty; and from a broad spectrum of musical genres including Classical, Jazz, Gospel, easy-Listening, World Music, Spirituals, songs from Musical Shows, and Pop Tunes. Additionally, students must show quasi-professional musicality and increasing ease of vocal production. Students will continue to demonstrate professional	F20	SPring 18
MUS 160	Beginning Guitar I	1	Perform beginning level-1 melodies in first position with correct pitches, rhythm, fingering, at a reasonable tempo with expressions indications observed. (ILO1, ILO2, ILO4)	F20	Spring 17
		2	The student will be able to play the following open-string chords: Majors: C,G,D,A,E – Minors: Am,Em,Dm, - Sevenths: G7,D7,A7,B7.	F21	Spring 17
		3	Students will be able to read and play the 15 natural notes found in first position. (ILO1, ILO2, ILO4)	F22	Spring 17

		4 Student will demonstrate the correct way to pluck a guitar using a pick or their right-hand fingers. (ILO2, ILO4)	F20	Spring 17
MUS 162	Beginning Guitar II	1 Perform beginning level-2 melodies (with accidentals) in first position with correct pitches, rhythm, fingering, at a reasonable tempo with expressions indications observed. (ILO1, ILO2, ILO4)	F20	Spring 17
		2 Know and strum the 5 types of "E-form" Barr Chords: Major, Minor, Dom7, Minor7, Major7. (ILO1, ILO2, ILO4)	F21	Spring 17
		3 Know and perform one moveable major scale pattern in any key.	F22	Spring 17
		4 Student will be able to perform musical arrangements with other guitarists in an ensemble. (ILO1, ILO3, ILO4)	F20	Spring 17
MUS 163	Applied Music I	1 Acquire physical skills and dexterity on his or her declared, major instrument including voice. (ILO1, ILO2, ILO4)	F20	Spring 18
		2 Student will perform 6 major scales (or minor scales) from the lowest range to the highest range of their instrument/voice accurately and at a moderate tempo without a mistake. (SLO1, SLO2,	F21	Spring 18
		3 Student will perform a classical composition (or song) correctly adhering to all rhythmic and pitch information. (ILO1, ILO2, ILO4)	F22	
		4 First semester students will perform two songs or compositions that differ in style and character. (ILO1, ILO2, ILO4)	F20	Spring 18
MUS 164	Applied Music II	1 Play twelve major scales up and down in two octaves. (ILO1, ILO2,	F20	Spring 18
MUS 165	Applied Music III	1 Perform 3rd semester college level pieces with correct pitches, rhythms, dynamics, and articulations. (ILO1, ILO2, ILO3, ILO4)	F20	Spring 18
MUS 166	Applied Music IV	1 Play twelve major and minor scales up and down in two octaves.	F21	Spring 18
		2 Perform 4th semester college level pieces with correct pitches, rhythms, dynamics, and articulations. (ILO1, ILO2, ILO3, ILO4)	F22	Spring 18
MUS 171	Chamber Orchestra	1 Exhibit improved technical skill on their instrument. (ILO2, ILO3)	F20	
		2 Exhibit improved musical skills including sight-reading, rhythmic accuracy, dynamic accuracy, and intonation. (ILO2, ILO3)	F21	
		3 Exhibit improved ensemble skills including following directions, group dynamics, section playing, ensemble playing and the role of the section leader. (ILO1, ILO2, ILO3, ILO4)	F22	

		4	Exhibit knowledge of different stylistic performance practices; e.g., Baroque, Classical, Romantic, and/or Modern; as drawn from the literature studied. (ILO4, ILO5)	F20	
		5	Exhibit knowledge of the musical repertoire of the chamber orchestra; e.g., Baroque, Classical, Romantic, and/or Modern; as drawn from the literature studied. (ILO4, ILO5)	F21	
		6	Exhibit music reading and listening skills including resources for interpretation of notation and style, historical and cultural context through multiple sources. (ILO1, ILO2, ILO4, ILO5)	F22	
MUS 172	College-Community Band	1	The student will attain better aural awareness and ensemble performance skills. (ILO1, ILO2, ILO3)	F20	
		2	The student will learn a wide variety of styles of concert band music, ranging from classical to standards to Blues to Dixieland to	F21	
		3	The student will demonstrate that they can perform the correct notes and rhythm with an ensemble. (ILO1, ILO3)	F22	
MUS 175	Instrumental Ensemble	1	Demonstrate the ability to read & perform pitches at 1st semester college level.(ILO1, ILO2, ILO4)	F20	
		2	Exhibit the ability to read & perform rhythms at a 2nd semester college level. (ILO1, ILO2 ILO3)	F21	
		3	Demonstrate the ability to play a 2nd semester college-level written solo in a concert. (ILO1, ILO2, ILO3)	F22	
		4	Demonstrate the ability to a 1st semester improvised solo in the class. (ILO1, ILO2, ILO3)	F20	
MUS 177	Stage Band	1	Exhibit improved technical skill on their instrument. (ILO3)	F20	
		2	Exhibit improved musical skills including sight-reading, rhythmic accuracy and improvisational skills. (ILO4)	F21	
		3	Exhibit improved ensemble skills including following directions, group dynamics, section playing, ensemble playing and the role of	F22	
		4	Exhibit improved performance skills including personal, group, composer and audience responsibility that gives the performance the authenticity required. (ILO1, ILO5)	F20	

		5	Exhibit knowledge of the repertoire of the jazz ensemble including traditional, blues, swing, ballads, rock, funk and latin. (ILO2)	F21	
		6	Exhibit music reading and listening skills including resources for interpretation of notation and style, historical and cultural context through multiple sources. (ILO4, ILO5)	F22	
MUS 178	Symphony Orchestra	1	Exhibit improved technical skill on their instrument. (ILO2, ILO3)	F20	
		2	Exhibit improved musical skills including sight-reading, rhythmic accuracy, dynamic accuracy, and intonation. (ILO2,ILO3)	F21	
		3	Exhibit improved ensemble skills including following directions, group dynamics, section playing, ensemble playing and the role of the section leader. (ILO1, ILO2, ILO3, ILO4)	F22	
		4	Exhibit knowledge of different stylistic performance practices; e.g., Baroque, Classical, Romantic, and/or Modern; as drawn from the literature studied. (ILO4, ILO5)	F20	
		5	Exhibit knowledge of the musical repertoire of the symphony orchestra; e.g., Baroque, Classical, Romantic, and/or Modern; as drawn from the literature studied. (ILO4, ILO5)	F21	
		6	Exhibit music reading and listening skills including resources for interpretation of notation and style, historical and cultural context through multiple sources. (ILO1, ILO2, ILO4, ILO5)	F22	
MUS 182	Introduction to Recording Techniques	1	Pass exam of basic music theory as it relates to electronic music.	F20	
		2	Pass exam of history of electronic music and recording. (ILO2, ILO3)	F21	
		3	Demonstrate understanding of MIDI, basic understanding of sampling, loops, editing recording, mixing, and mastering. (ILO 2,	F22	
		4	Understand differences in types of microphones and recording	F20	
		5	Create compositions using a variety of software instruments, MIDI and audio recording in Logic Pro. (ILO2, ILO3)	F21	
		6	Create composition of at least 4 instruments for performance using notation software. (ILO2, ILO3)	F22	
MUS 184	Advanced Recording Techniques	1	Record and Mix a four minute surround-sound recording with four instrumental tracks using Sonar recording software. (ILO1, ILO2,	F20	

		2	List and explain the “Ten Aspects of a Recorded Piece of Music” as described in the mixing article of the same name. (ILO1, ILO2, ILO4)	F21	
		3	Give a class presentation on the different type of recording studios and their applications. (ILO1, ILO2, ILO4)	F22	
		4	Demonstrate how to use effect processors practically and artistically.(ILO1, ILO2, ILO4)	F20	
MUS 210	Intermediate Musicianship I	1	Demonstrate three-part harmonic dictation. (ILO2, ILO4)	F20	Spring 18
		2	Demonstrate rhythmic dictation including triplet figures, dotted notes and compound meter, and intermediate-level sight-singing	F21	Spring 18
MUS 212	Intermediate Musicianship II	1	Demonstrate four-part harmonic dictation, and two-part counterpoint dictation. (ILO2, ILO4)	F20	Spring 18
		2	Demonstrate advanced sight-singing skills. (ILO2, ILO4)	F21	Spring 18
MUS 220	Intermediate Harmony I	1	Demonstrate knowledge of non-chords tones, including appoggiaturas, escape tones, neighbor group and anticipations, and	F20	Spring 18
		2	Analyze non-chord tones. (ILO1, ILO2, ILO3, ILO4)	F21	Spring 18
		3	Analyze varied types of modulations. (ILO1, ILO2, ILO3, ILO4)	F22	Spring 18
MUS 222	Intermediate Harmony II	1	Demonstrate knowledge of non-chords tones, including appoggiaturas, escape tones, neighbor group and anticipations, and	F20	Spring 18
		2	Analyze non-chord tones. (ILO1, ILO2, ILO3, ILO4)	F21	Spring 18
		3	Analyze varied types of modulations. (ILO1, ILO2, ILO3, ILO4)	F22	Spring 18
MUS 240	Intermediate Group Piano I	1	Perform beginning level-3 pieces with correct pitches, rhythms, fingerings, hand position, at a reasonable tempo, with expressions indications observed. (ILO1, ILO2, ILO4)	F20	
		2	Perform the all 12 major scales with the RH and the LH together. Up and Down 3 Octaves. (ILO2, ILO4)	F21	
MUS 242	Intermediate Group Piano II	1	Perform beginning level-3 pieces with correct pitches, rhythms, fingerings, hand position, at a reasonable tempo, with expressions indications observed. (ILO1, ILO2, ILO4)	F20	
		2	Perform the all 12 harmonic minor scales with the RH and the LH together. Up and Down 3 Octaves. (ILO2, ILO4)	F21	

MUS 250	Intermediate Voice I	1	Demonstrate intermediate mastery of vocal techniques; perform music of varied genres in different languages with increasing musicality, characterization, phrasing, proper articulation and	F20	Spring 18
MUS 252	Intermediate Voice II	1	Demonstrate advanced vocal technical mastery, including proper breath control, phrasing, musicianship, characterization, and expressivity; perform music of increasing technical difficulty in different languages such as English, Spanish, French, Latin, and other languages; perform music of varied genres with authenticity. (ILO1,	F21	
MUS 260	Intermediate Guitar I	1	Perform intermediate level-1 melodies (with accidentals & eight-note rhythms) in 2nd and 3rd positions with correct pitches, rhythm, fingering, at a reasonable tempo, with expressions	F20	Spring 17
		2	Know and strum the 5 types of "A-form" Barr Chords: Major, Minor, Dom7, Minor7, Major7. (ILO1, ILO2, ILO4)	F21	
		3	Know and perform one moveable minor scale pattern in any key.	F22	
		4	Student will be able to perform musical arrangements with other guitarists in an ensemble. (ILO1, ILO3, ILO4)	F20	
MUS 262	Intermediate Guitar II	1	Perform intermediate level-2 melodies (with accidentals & sixteenth-note rhythms) in 4th and 5th positions with correct pitches, rhythm, fingering, at a reasonable tempo, with expressions indications observed. (ILO1, ILO2, ILO4)	F20	
		2	Know and strum the 5 types of "A-form" Barr Chords: Major, Minor, Dom7, Minor7, Major7. (ILO1, ILO2, ILO4)	F21	
		3	Know and perform one moveable minor scale pattern in any key.	F22	
		4	Student will be able to perform musical arrangements with other guitarists in an ensemble. (ILO1, ILO3, ILO4)	F20	
MUS 801	Stage Band for Older	1	Exhibit improved technical skill on their instrument. (ILO3)	F20	
MUS 802	Comm Chorus For Older Adults	1	Demonstrate knowledge and performance skills in a variety of choral repertoire, from moderate to advanced levels of difficulty; and from genres including Classical, Jazz, Gospel, Easy-Listening, World music, Spirituals, Songs from Musical Shows, Broadway Tunes, and Pop tunes. Additionally, demonstrate professional decorum during public	F20	Spring 18

MUS 803	Orchestra for Older Adults	1	Exhibit improved technical skill on their instrument. (ILO2, ILO3)	F20	
		2	Exhibit improved musical skills including sight-reading, rhythmic accuracy, dynamic accuracy, and intonation. (ILO2, ILO3)	F21	
		3	Exhibit improved ensemble skills including following directions, group dynamics, section playing, ensemble playing and the role of the section leader. (ILO1, ILO2, ILO3, ILO4)	F22	
		4	Exhibit knowledge of different stylistic performance practices; e.g., Baroque, Classical, Romantic, and/or Modern; as drawn from the literature studied. (ILO4, ILO5)	F20	
		5	Exhibit knowledge of the musical repertoire of the orchestra; e.g., Baroque, Classical, Romantic, and/or Modern; as drawn from the literature studied. (ILO4, ILO5)	F21	
		6	Exhibit music reading and listening skills including resources for interpretation of notation and style, historical and cultural context through multiple sources. (ILO1, ILO2, ILO4, ILO5)	F22	
MUS 804	MUS 804 Chamber Music For Older Adults	1	The older adult student will have acquired new skills, knowledge and performance skills (in Chamber Orchestra)	F20	
PHIL 100	Introduction to Philosophy	1	Describe the foremost ideas and arguments in the three major philosophical fields. (ILO1, ILO2,ILO4)	F20	Spring 2017
		2	Critique various philosophical arguments. (ILO1, ILO2,ILO4)	F21	Spring 2017
		3	Write their own arguments on Epistemological, Metaphysical and Ethical issues. (ILO1, ILO2)	F22	
PHIL 102	Introduction to Philosophy II	1	Locate the major arguments of the major philosophers covered in the course. (ILO2, ILO4)	F20	
		2	Describe the major arguments of the major philosophers covered in the course. (ILO1, ILO3, ILO4)	F21	
		3	Critique the major arguments of the major philosophers covered in the course. (ILO1, ILO2, ILO4)	F22	
PHIL 104	Ethics	1	Describe the arguments that pertain to foremost ethical theories. (ILO1, ILO2, ILO4)	F20	

		2 Critique various ethical arguments. (ILO1, ILO2, ILO4)	F21	
		3 Apply ethical theories to actual social issues. (ILO1, ILO2, ILO4)	F22	
PHIL 106	Logic	1 Distinguish the four types of arguments. (ILO1, ILO2)	F20	
		2 Locate fallacious reasoning. (ILO1, ILO2)	F21	Spring 2017
		3 Describe various ethical positions. (ILO1, ILO2)	F22	
RELS 100	Religions of the Modern World	1 Identify the origin, characteristic beliefs, practices and terminology unique to the world's five major religions and indigenous sacred	F20	
		2 Identify and discuss the nature of religious revelation and interpretation of sacred texts. (ILO2, ILO4)	F21	
		3 Recognize the relationship between religion and culture and the relevance of religious belief and experience to modern life and the human condition.(ILO2, ILO5)	F22	
RELS 104	Ethics	1 Describe the arguments that pertain to foremost ethical theories. (ILO1, ILO2, ILO4)	F20	
		2 Critique various ethical arguments. (ILO1, ILO2, ILO4)	F21	
		3 Apply ethical theories to actual social issues. (ILO1, ILO2, ILO4)	F22	
THEA 100	Introduction to Theatre	1 Students will evidence a satisfactory level of knowledge of theatre history (Greek, Roman, Medieval, Elizabethan, 17th Century France, Melodrama, Realism, and Non-realism) through objective	F20	
		2 Students will evidence a satisfactory level of awareness of theatre production processes through specific projects in Playwrighting,	F21	
		3 Students will demonstrate a familiarity with performance theory related to Acting and Directing.	F22	
THEA 120	Fundamentals of Acting	1 analyze the function of a character/agent within an assigned play script. (ILO2, ILO5)	F20	
		2 analyze a play script for diction and character traits. (ILO2, ILO5)	F21	
		3 perform an assigned role. (ILO1, ILO3)	F22	
ART HISTORY FOR TRANSFER		1 assess and evaluate the contributions of artists throughout history.	Fall 19/22	
		2 use various strategies to evaluate and describe elements of art and visual culture as a basis for lifelong learning in the arts.	Fall 19/22	

		3	explain the history of cultures and civilizations and how art and architecture is a reflection of that history.	Fall 19/22	
		4	communicate in speech and in writing about the history, theories, disciplines, and practices of the visual arts.	Fall 19/22	
HUMANITIES		1	Student will be able to think critically in reading about topics in philosophy, religion, art and music, thereby identifying problems.	Fall 19/22	
		2	Demonstrate an awareness of the impact of societal expectations and behaviors on individuals and cultures.	Fall 19/22	
		3	Analyze, discuss and debate the impact on the development of theory and cultural practices.	Fall 19/22	
MUSIC FOR TRANSFER		1	History: The student will know the stylistic and historic periods of music terminology needed to identify and understand all the	Fall 19/22	
		2	Music Theory: The student will have a knowledge of key signature, evolution of harmonic development and fundamental keyboard understanding and skills.	Fall 19/22	
		3	Performing Skills: The student will gain performing skills in difference types of repertoire from a variety of musical periods.	Fall 19/22	
			PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two	MUS 100, MUS 102	
STUDIO ARTS FOR TRANSFER		1	Use a diverse range of global events to express personal ideas and opinions through artwork.	Fall 19/22	
		2	Identify the theoretical, cultural, and historical contexts of art.	Fall 19/22	
		3	Demonstrate appropriate skills needed to articulate their conscious artistic intentions, and express coherent aesthetics.	Fall 19/22	
		4	Critically analyze, interpret, and evaluate works of art.	Fall 19/22	
		5	Develop a foundation of art skills and a high level of craftsmanship by utilizing a variety of tools and technologies associated with the	Fall 19/22	

### ALLS - WORLD LANGUAGES Department (Jose Ruiz) (AMSL, ARAB, COMM, FREN, SPAN)

AMSL 100	American Sign Language 1	1	Differentiate between basic similar signs. [ILO1,ILO2]	S20	
		2	Recognize basic differences between simple ASL and English sentence structures. [ILO1, ILO2]	S20	

		3	Identify basic differences between Deaf and Hearing cultures. [ILO2,	S20	
AMSL 102	American Sign Language 2	1	Distinguish the correct facial grammar for six basic sentence types, recognizing the type of sentence that is being produced. (ILO1, ILO2)	S20	
		2	Convert simple written English sentences to grammatically correct ASL sentences. (ILO1, ILO2)	S20	
		3	Identify some historical features and developments in American Deaf culture. (ILO2, ILO5)	S20	
AMSL 104	Fingerspelling and Numbers	1	Recognize and produce fingerspelled words at an intermediate-advanced pace, with a reference category given. (ILO1, ILO2)	S20	
		2	Differentiate between different number patterns that indicate different uses of numbers (cardinal v ordinal, emphatic v ordinary, approximate v exact). (ILO1, ILO2, ILO5)	S20	
		3	Recognize and produce fingerspelled loan signs at an intermediate	S20	
AMSL 110	Introduction to Deaf Culture	1	Identify American Deaf cultural values and perspectives. [ILO2, ILO5]	F20	
		2	Distinguish between pathological and cultural perspectives of	F20	
		3	Describe ASL's linguistic status and its importance to the American Deaf community, [ILO1, ILO2, ILO5]	F20	
AMSL 112	Interpreting as a Profession	1	Compile a personal profile relating to interpreting. [ILO2,ILO3]	S20	Fall 2018
		2	Apply professional interpreting ethics to given scenarios, explaining course of action chosen. [ILO1, ILO2, ILO3]	S20	Fall 2018
		3	Analyze the importance of cross-cultural dynamics in the interpreting profession. [ILO2, ILO3, ILO5]	S20	Fall 2018
AMSL 200	American Sign Language 3	1	Represent visual information using correct ASL structures. [ILO1,	F20	Fall 2018
		2	Identify the correct facial grammar for a given description.	F20	Fall 2018
		3	Distinguish between different types of spatial structures essential to	F20	Fall 2018
AMSL 202	American Sign Language 4	1	Incorporate a variety of ASL spatial structure correctly into	S20	
		2	Narrate personal stories involving multiple people and events in an ASL manner. [ILO1,ILO2]	S20	
		3	Examine ASL literary devices and American Deaf humor. [ILO1, ILO2,	S20	
AMSL 204	American Sign Language 5	1	Narrate personal stories following ASL narrative structure. [ILO1,	F20	Fall 2018
		2	Display understanding of basic ASL fictional storytelling techniques.	F20	Fall 2018

		3 Identify new ASL vocabulary and idioms for a variety of everyday topics. [ILO1, ILO2, ILO5]	F20	Fall 2018
AMSL 210	Interpreting American Sign Language 1	1 Identify the difference between a transliterated language sample and an interpreted language sample, and identify specific structures to make a linguistic and cultural accommodation for each consumer in	F21	
		2 Correctly produce an unrehearsed simultaneous transliteration of an educational scenario, with no technical vocabulary and at a	F21	
		3 Correctly produce a consecutive interpretation of material with little technical vocabulary. (ILO1, ILO2)	F21	
AMSL 212	Interpreting American Sign Language 2	1 Accurately produce an unrehearsed simultaneous transliteration of an educational scenario, with some technical vocabulary, at an	S22	
		2 Accurately produce an unrehearsed simultaneous interpretation of an educational scenario, with no technical vocabulary, at a beginning	S22	
		3 Identify potential cultural conflicts and ethical challenges in an interpreting scenario, and express his/her choice of action, in	S22	
AMSL 220	Linguistics of American Sign Language	1 Students will be able to define the basic components of language: phonology, morphology, syntax, semantics and lexis. (ILO 1, ILO2)	S21	
		2 Students will be able to compare and contrast ASL and English in a given linguistic category. (ILO 1, ILO 2, ILO 5)	S21	
		3 Students will demonstrate an ASL example of a given linguistic category. (ILO 1, ILO 2, ILO 5)	S21	
ARAB 100	Elementary Arabic	1 Apply common daily-life vocabulary in conversational situations such as greetings and introductions. (ILO1, ILO5)	F20	
		2 Identify, pronounce and combine letters of the Arabic alphabet to create syllables and words. (ILO1)	F20	
		3 Identify and distinguish between formal and spoken Arabic. (ILO1,	F20	
COMM 100 under review as of 3/27	Oral Communication	1 Use the three-part deductive pattern of organization and apply the extemporaneous style of delivery when presenting the required informative speech of 4-6 minutes. (ILO1, ILO2, ILO3, ILO4, ILO5)	S20	<b>SLO 1 to be removed</b>
		2 Deliver an organized informative speech to class audience members. The speech must adhere to specific time restrictions and requirements, as assigned by the instructor.	S20	<b>SLO 1 to be removed</b>

		3 Prepare and present a visual aid that illustrates a specific point.	S20	
		4 Use statistics, quotations, definitions and detailed illustrations as supporting materials. (ILO1, ILO2, ILO3, ILO4, ILO5)	S20	
		5 identify the components of the nonverbal delivery process which includes: eye contact, rate/pause, appearance. (ILO1, ILO2, ILO3,	S20	
COMM 110 under CQNet Review as of 3/27	Advanced Oral Communication	1 identify 15 logical fallacies. (ILO1, ILO2, ILO3, ILO4, ILO5)	F20	
		2 give an informative speech using the Three-Part Deductive Pattern of Organization. (ILO1, ILO2, ILO3, ILO4, ILO5)	F20	
		3 present a persuasive speech using Monroe's Motivated Sequence Pattern. (ILO1, ILO2, ILO3, ILO4, ILO5)	F20	
COMM 125	Interpersonal Communication	1 Demonstrate knowledge of basic principles and concepts of interpersonal communication. ILO1, ILO2, ILO3, ILO4, ILO5.	S20	
		2 Develop and/or improve management of own interpersonal conflicts and relationships. ILO1, ILO2, ILO3, ILO4, ILO5	S20	
		3 Identify and analyze individual interpersonal communication strengths and weaknesses. ILO1, ILO2, ILO3, ILO4, ILO5	S20	
COMM 130	Small Group Communication	1 Conduct a meeting using the principles of Parliamentary Procedure. ILO1, ILO2, ILO3, ILO4, ILO5	S21	
		2 Find a problem and work as a group to find a solution to that problem. ILO1, ILO2, ILO3, ILO4, ILO5	S21	
		3 Identify the negative behaviors in poorly-functioning groups. ILO1, ILO2, ILO3, ILO4, ILO5	S21	
COMM 150 Should be three SLOs now..chang ed in	Intercultural Communication	1 Evaluate the effectiveness of alternative strategies for communicating in a variety of intercultural interactions. ILO1,ILO2,	S20	
		2 Identify intercultural communication situations. ILO1,ILO2, ILO3,	S20	
		3 Interpret other communication behaviors and shape their own messages to reach work-related goals and objectives. ILO1,ILO2,	S20	
COMM 180	Argumentation and Debate	1 Write out a case for an argumentative debate. (ILO1, ILO2, ILO3,	F19	
		2 Write and submit five properly-worded debate propositions (ILO1, ILO2, ILO3, ILO4, ILO5)	F19	

		3	Use logos to support their arguments during the debate process. (ILO1, ILO2, ILO3, ILO4, ILO5)	F19	
FREN 100	Elementary French I	1	Communicate ideas about simple everyday activities, for example, work, restaurant, sports. (ILO1, ILO3, ILO5)	S20	
		2	In response to prompts, use salutations, identify themselves and communicate information related to their immediate surroundings.	S20	
FREN 110	Elementary French II	1	Discuss personal needs and preferences. (ILO1, ILO2, ILO5)	S20	
		2	Create a discourse composed of simple sentences on a limited variety of subjects. (ILO1, ILO2, ILO5)	S20	
FREN 201	Intermediate French I	1	Demonstrate comprehension and analysis of a short literary text in	F21	
		2	Write a brief analytical essay. (ILO1, ILO2, ILO5)	F21	
FREN 211	Intermediate French II	1	Demonstrate comprehension and analysis of a short literary text in	S22	
		2	Write a brief analytical essay. (ILO1, ILO2, ILO5)	S22	
SPAN 100	Elementary Spanish I- Should be three...When can we delete? As of 4/6/20 all SLOs were still on the COR. Kevin	1	Research historical or cultural information about a Spanish-speaking country and prepare an oral and/or written presentation. (ILO1,	S20	Spring 19
		2	Organize information about a historical or cultural aspect of a Spanish-Speaking country for a written or oral assignment. (ILO1,	S20	Spring 17
		3	Successfully communicate at the novice/elementary level a personal event in the present tense. (ILO1, ILO2)	S20	
		4	Describe basic daily life situations using correct grammatical structures, vocabulary and idiomatic expressions. (ILO1)	S20	Spring 19
		5	Assess the content and meaning of written Spanish both orally and in writing. (ILO1, ILO4, ILO5)	S20	Spring 19
SPAN 110	Elementary Spanish II- Same Span 100 As of 4/6/20 all SLOs were still on the COR. Kevin	1	make affirmative and negative sentences using correct word order and verb forms.(ILO1)	S20	Spring 19
		2	correctly translate commonly used phrases {English-Spanish and Spanish-English}. (ILO1, ILO5)	S20	Spring 19
		3	respond orally in the target language using correct syntax and	S20	
		4	demonstrate proper cultural demeanor in oral and written	S20	Spring 18
		5	use common Spanish speech patterns and phonetic analysis to communicate in the target language. (ILO1)	S20	Fall 18

SPAN 113	Beginning Conversational Spanish I	1	Organize and communicate at the novice/elementary level a cultural aspect of a Spanish-Speaking country. (ILO1, ILO3, ILO4, ILO5)	S20	
		2	Respond appropriately to questions in Spanish at the novice level.	S20	
SPAN 200	Intermediate Spanish I As of 4/6/20 all SLOs were still on the COR. Kevin	1	Organize and effectively communicate personal information in Spanish through writing. [ILO1, ILO4, ILO5]	S20	Spring 19
		2	Summarize and interpret cultural readings from the textbook. (ILO1,	S20	
		3	Create and respond to questions in Spanish at the Intermediate	S20	
		4	Apply rules of grammar to create meaningful sentences in the indicative mood. (ILO1, ILO2)	S20	Spring 18
		5	Analyze short literary readings from Spanish-Speaking countries.	S20	Fall 18
SPAN 210	Intermediate Spanish II	1	Demonstrate understanding of written works in Spanish, both orally and in writing, by answering comprehension questions. (ILO1)	When Offered	
		2	Write a brief analytical essay about a cultural text in Spanish. (ILO2,	When Offered	
		3	Speak, read and write at an intermediate level about current events.	When Offered	
		4	Research, organize and prepare an oral presentation about a Spanish Speaking country in Spanish at the intermediate level.(ILO1, ILO3,	When Offered	
		5	Demonstrate cultural awareness by comparing and contrasting general cultural aspects present in different Spanish speaking	When Offered	
SPAN 220	Spanish for Heritage Speakers I	1	Differentiate among the indicative and subjunctive moods. (ILO1,	S20	Spring 19
		2	Understand and interpret written and spoken language on a variety of cultural topics and in works of literature and journalism in the	S20	
		3	Successfully identify and differentiate between verb tenses in the indicative mood. (ILO1, ILO2)	S20	Fall 18
SPAN 221	Spanish for Heritage Speakers II	1	Understand and interpret written and spoken language on a variety of cultural topics and in works of literature and journalism in the	S20	Spring 18
		2	Differentiate among the indicative and subjunctive moods. (ILO1,	S20	Spring 17
		3	Successfully identify and differentiate between verb tenses in the subjunctive mood. (ILO1, ILO2)	S20	Spring 19
SPAN 222	Bilingual Oral Spanish	1	Research, organize, synthesize, and orally communicate a controversial topic in Spanish in a clear and engaging manner. [ILO1,	S20	Spring 20
		2	Analyze cultural and Literary texts from Spain and Latin America.	S20	Spring 20
		3	learn and apply new vocabulary to different situations. (ILO1)	S20	Spring 20

SPAN 223	Spanish Reading and Writing As of 4/6/20 all SLOs were still on the COR. Kevin	1	Organize and develop a well-thought argumentative essay in	S21	Fall 21
		2	Research and create an informative essay in Spanish. (ILO1, ILO4)	S21	This SLO has been deleted
		3	Analyze literary readings from Spain and or Latin America. (ILO1,	S21	Fall 21
		4	Organize and produce a research paper following MLA guidelines. (ILO1, ILO2, ILO4, ILO5)	S21	
SPAN 225	Introduction to Spanish American Literature	1	Define literary movements from Latin America. (ILO5)	S20	
		2	Create original critical written analysis of a Latin American literary text based on original and secondary sources. (ILO1, ILO2, ILO4,	S20	Spring 17
		3	Identify the influence of cultural, historical, literary and/or socioeconomic issues on the writings of a Latin American writer.	S20	
COMMUNICATION STUDIES FOR TR		1	Students will be able to construct and articulate a basic case for a parliamentary debate.	Fall 20/23	
		2	Students will be able to recognize and avoid using ten logical fallacies during classroom presentations.	Fall 20/23	
		3	Students will be able to write and submit five properly-worded	Fall 20/23	
			PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	<b>Communication 180 final exam or something else. Confirm with Jose</b>	
FRENCH		1	Acquire the ability to use French for oral understanding, speaking,	Fall 20/23	
		2	Acquire knowledge about French culture.	Fall 20/23	
			PLO Assessment Tool to be used- For example, Nursing Program uses	<b>French 211 use final exam.</b>	
SPANISH FOR TRANSFER		1	Analyze and evaluate literary texts through writing.	Fall 20/23	
		2	Successfully identify and differentiate between verb tenses in the	Fall 20/23	
			PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two	<b>Essay from Span 225</b>	

missing ASL and Arabic? **AMSL found under Univeristy Studies and Arabic is under General Education.**

**ALLS - Learning Services (Betsy Lane) (LRNA)**

LRNA 800	Supervised Tutoring	1	apply study skills techniques acquired during supervised tutoring.		
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This is not a program. It is under non-credi Emailed Besty Lane on 3/26/20 in regards to this.

Department	SLO formerly SAOs	Outcomes	Cycle Plan	Data
Study Skills	SAO #1	Students will receive help to enhance their academic goals through our services	F20	Fall 19
Study Skills	SAO #2	Students will have increased access to academic help through the Embedded	F20	Fall 19
Study Skills	SAO #3	Through the Embedded Tutoring Program we predict that embedded courses	F20	Fall 19
Library	SAO #1	Students will have access to the library's reference desk services.	F20	New
Library	SAO #2	Students will be able to identify the components of online research.	F20	New

		Outcomes	Cycle Plan	Data Collected Including Closing of the Loop
<b>EWD - BUSINESS Department (Andres Martinez) (AG, BUS, CIS, ECON, LEGL, WE)</b>				
Subject Code	Course Title	Course Outcomes	Cycle Plan	Data Collected Including Closing of the Loop
ACCT 99	Practical Accounting	1 Demonstrate knowledge of accounting concepts to analyze, journalize, and post transactions. (ILO1, ILO2, ILO3, ILO4, ILO5)	F21	
		2 Prepare a bank reconciliation statement. (ILO1, ILO2, ILO3)	F19	Spring 19
		3 Calculate employee earnings and deductions. (ILO1, ILO2, ILO3)	F20	Fall 19
ACCT 210	Principles of Financial Accounting	1 Analyze and record basic business transactions using double entry accounting method in accordance with generally accepted accounting principles (GAAP). (ILO1, ILO2, ILO3)	F21	
		2 Prepare a Balance Sheet, Income Statement, and Statement of Cash Flows for one accounting cycle. (ILO1, ILO2, ILO3)	S22	
		3 Analyze and record business transactions for Accounts Receivable, Inventories, Long-Term Assets and Investments. (ILO1, ILO2, ILO3)	F19	Fall 19
		4 Analyze and record business transactions for Accounts Payable, Notes, Mortgages, Leases, Bonds, and Capital Stock. (ILO1, ILO2, ILO3)	F20	
ACCT 220	Principles of Managerial Accounting	1 Construct and analyze accounting information for the purpose of making business decisions. (ILO1, ILO2, ILO4)	F21	
		2 Prepare and evaluate information and reports used by management to plan, direct, motivate, and control manufacturing processes for various business costing models. (ILO1, ILO2, ILO4)	S22	
		3 Develop a cost behavior model for the purpose of making business decisions. (ILO1, ILO2, ILO4)	F19	Fall 19
		4 Interpret and analyze the Income Statement, Balance Sheet, and Statement of Cash Flows for the purpose of making business decisions. (ILO1, ILO2, ILO4)	F20	
ACCT 240	Computer Accounting	1 Record and report routine business transactions using QuickBooks. (ILO2, ILO3)	S21	Spring 19
		2 Perform end-of-period accounting procedures, including adjusting entries and a bank reconciliation. (ILO2, ILO3)	F19	Fall 19
		3 Setup a new company in QuickBooks. (ILO1, ILO2, ILO3)	F20	Spring 18
AG 110	Environmental Science	1 Discuss the growing human population and the related demand for resources (water, power, soil, hunger, etc.) and the impact that it places on agriculture. (ILO1, ILO2, ILO4 & ILO5)	F20	Spring 18
AG 120	Soil Science	1 Identify soil crop compatibility via research and reporting information obtained from lecture, journal study and text materials in either a written or verbal manner by assigned completion date (ILO1, ILO2, ILO3, ILO4).	F20	
		2 Conduct lab analysis using prescribed protocols on known samples to derive accurate & repeatable results that are reported in a useful format (ILO1, ILO2, ILO3, ILO4).	F21	
		3 Develop an accurate and useful recommendation for soil application or amendment for desired crop production within a reasonable soil/crop interaction (ILO1, ILO2, ILO4).	F22	
AG 130	Agricultural Economics	1 Analyze economic trends as they apply to US and world production. (ILO2, ILO3, ILO4, & ILO5)	F20	
		2 Develop production plan alternatives & communicate rationale. (ILO1 & ILO2)	F21	
		3 Identify interrelationships of local, national & world influences on agriculture production. (ILO2)	F22	

AG 134	Agricultural Business Organization	1	Identify and explain the small business enterprise including types of ownership, production, marketing and sales (ILO1, ILO2, ILO4).	S21	
		2	Demonstrate knowledge of business management including management of personnel and identify opportunities for employment in management (ILO1, ILO2, ILO4).	S22	
		3	Discover and recognize the relationship between labor and management (ILO2, ILO4).	S23	
AG 136	Agricultural Sales, Communication, and Service Management	1	Analyze marketing, service and production trends as they apply to US and world trade of agriculture. (ILO2, ILO3, ILO4, & ILO5)	F20	
		2	Develop marketing plan alternatives & communicate rationale. (ILO1 & ILO2)	F21	
		3	Identify interrelationships of local, national & world influences on agriculture markets. (ILO2)	F19	
AG 138	Computer Applications in Agriculture	1	Demonstrate a competent use of technology through the use of office applications as they apply to the agricultural industry. (ILO2, ILO4, ILO5)	S21	
AG 140	Principles of Plant Science	1	Identify and discuss basic needs of plant crops found in Imperial County, California & major crop producing states in the US (ILO1, ILO2, ILO4).	F19	
		2	Accurately discuss and explain a crop rotation program as well as the benefits that are derived from that production system (ILO1, ILO2, ILO4).	F20	Spring 18
		3	Identify and discuss major crop commodities grown in Imperial as well as the season that those crops are planted and harvested (ILO1, ILO2, ILO4).	F21	
		4	Identify and discuss basic pest avoidance procedures for commonly grown crops in the Imperial Valley (ILO1, ILO2, ILO4).	F22	Spring 18
AG 170	Principles of Entomology	1	Identify, link and report common pests to the crop and type of damage (ILO1, ILO2, ILO4).	F20	Spring 18
		2	Prepare mounted specimens and label according to discipline protocol (ILO1, ILO2, ILO4).	F21	Spring 18
		3	Identify and discuss interrelations between host crop, pest insect & beneficial insects (ILO1, ILO2, ILO4).	F22	Spring 18
AG 220	Irrigation and Drainage	1	Discuss various irrigation systems and benefits/compromises of each system based on a given crop system/soil type/geographic condition (ILO1, ILO2, ILO3, ILO4).	S21	Spring 18
		2	Discuss irrigation system and design as it influences plant nutrient application and utilization (ILO1, ILO2, ILO4).	S22	Spring 18
		3	Plan out and defend schedule for irrigation of a given crop over the life cycle based on system type, soil type and season of growth (ILO2, ILO4).	S20	
AG 230	Fertilizers & Soil Amendments	1	Plan out and defend schedule for fertilization of a given crop over the life cycle based on system soil type, stage and season of growth (ILO2, ILO4).	S21	Spring 18
		2	Discuss fertilization system and design as it influences plant nutrient uptake and utilization (ILO1, ILO2, ILO4).	S22	Spring 18
		3	Discuss various fertilization systems and benefits/compromises of each system based on a given crop system/soil type/geographic condition (ILO1, ILO2, ILO3, ILO4).	S20	
AG 245	Plant Propagation/Production	1	Identify and discuss biotechnical advancements in plant propagation. (ILO1, ILO2, ILO4)	S22	Spring 18
		2	Identify and discuss trends that influence plant propagation and production here and abroad. (ILO1, ILO2, ILO4, ILO5)	S20	
		3	Identify and discuss relevant crop propagation to Imperial Valley California and the United States. (ILO1, ILO2, ILO4)	S21	
BUS 058	Customer Service in the Workplace	1	Practice customer service techniques to apply in the workplace with coworkers and customers.		NEW COURSE - Effective 20-21 AY

		2	Apply positive verbal communication.		NEW COURSE - Effective 20-21 AY
		3	Apply techniques on how to manage your time.		NEW COURSE - Effective 20-21 AY
BUS 059	Practical English for the Workplace	1	Identify the eight parts of speech. (ILO2, ILO4)		
		2	Identify two people, companies, or topics and compare differences and similarities of each. (ILO1, ILO2, ILO3, ILO4, ILO5)	F19	
		3	Deliver a well-organized, professional interview. (ILO1, ILO2, ILO3, ILO4)	F20	
BUS 061	Business English	1	Recognize and apply correct English grammar when analyzing and writing business-related sentences.	S20	
		2	Identify the subject, predicate, and direct object in a sentence.	S21	
		3	Recognize and apply correct verb tense and subject/verb agreement.	S22	
BUS 063	Essentials in Workplace Communication	1	Using analytical and written skills in an oral presentation, persuade an audience of a certain point of view. (ILO1, ILO3, ILO5)	S20	
		2	Analyze a business letter. (ILO1, ILO2, ILO4)	S21	
		3	Create a letter following the six C's of correspondence. (ILO1, ILO2, ILO4)	S22	
BUS 105	Business Office Math	1	Set up and solve business-related problems using equations to solve for an unknown quantity. (ILO2, ILO4)	S21	Spring 19
		2	Calculate the parts of an invoice, including single discounts and a series of discounts. (ILO4)	S22	Fall 19
		3	Calculate markups and markdowns. (ILO4)	S20	Spring 18
BUS 108	Volunteer Income Tax Preparation (VITA)	1	Test and become IRS/VITA certified - Basic Level	W20	
		2	Learn and apply proper customer service etiquette by practicing interviewing techniques and answering tax questions.	W21	
		3	Use tax wise software to practice tax return process.	W22	
BUS 120	Retail Management	1	Create and present a strategic plan to establish and maintain a strong retail image.	S20	
		2	Compare the strategies that are used within the different stages of a product's life cycle.	S21	
		3	Explain the importance of social media to retailing.	S22	
BUS 122	Business Plan Development- Still in CQNet. Is this going to be deleted?	1	Assess and evaluate the potential for entrepreneurial success.	When Offered	
		2	Assess and evaluate ideas for businesses	When Offered	
		3	Analyze and support a choice for starting or buying a new business or franchise including entity selection, and describe the product or service differentiation strategy.	When Offered	
BUS 124	Introduction to Business	1	Identify the major business and political forces nurturing economic globalization. (ILO1, ILO3, ILO5)	S22	Fall 19
		2	Explain the concepts of ethics and corporate responsibility. (ILO1, ILO2, ILO5)	S22	Fall 19
		3	Explain the impact of the Internet on business and on methods of doing business and compare e-business and e-commerce. (ILO1, ILO3, ILO4, ILO5)	S20	
		4	Describe the purpose of a securities market and explain the basic concepts of stock research activities. (ILO1, ILO3, ILO4, ILO5)	S21	
		5	Explain the purpose of money, banking, and accounting, and design a basic business budget as a part of the business planning process. (ILO1, ILO2, ILO3, ILO4, ILO5)	S21	

BUS 126	Business and the Legal Environment	1 Evaluate and analyze three distinct legal case problems and communicate the results demonstrating writing competencies at the college level.(ILO1, ILO2, ILO4)	S21	Spring 18
		2 Identify, define, appropriately apply and analyze the five elements of a contract in a simulated factual situation based on an actual legal case. (ILO1, ILO2, ILO4)	S22	Fall 18
		3 Identify, define, appropriately apply and analyze the four elements of negligence in a simulated factual situation based on an actual legal case. (ILO1, ILO2, ILO4)	S23	Spring 19
BUS 132	Business Management	1 Successfully conclude a negotiation.(ILO1, ILO2, ILO3, ILO5)	F18	Fall 18
		2 Demonstrate an ability to productively work as a team member with people of diverse experiences and backgrounds by exchanging ideas and viewpoints with other team members to develop a united position for negotiating a solution to a common business problem as posed in a negotiation scenario. (ILO1, ILO2, ILO3, ILO5)	F19	Fall 15*
		3 Identify and define the four functions of management and describe how each element applies to managers in a typical business environment. (ILO1, ILO2, ILO3, ILO5)	F20	
		4 Identify and define the steps of the managerial decision-making process and follow the steps to make a decision in a simulated business case. (ILO1, ILO2, ILO3, ILO5)	F21	Fall 17
BUS 134	Management Concepts of Supervision	1 Evaluate the common practices used in compensating, appraising, and training developing employees. (ILO1, ILO2, ILO4)	When Offered	
		2 Demonstrate the use of the three methods of communication in giving an order to an employee. (ILO1, ILO2, ILO4)	When Offered	
		3 Demonstrate procedures for handling troubled employees and applying discipline in the work place. (ILO1, ILO2, ILO4)	When Offered	
BUS 136	Human Relations in Management	1 Describe different employee attitudes and analyze the consequences of those attitudes on a business. (ILO1, ILO2, ILO3, ILO5)	S20	Spring 17
		2 Explain the importance of interpersonal dynamics by applying the Gung Ho! approach. (ILO1, ILO2, ILO3, ILO4, ILO5)	S21	Spring 18
		3 Apply human relations techniques in their workplace and personal lives.(ILO1, ILO2, ILO3, ILO4)	S22	Spring 19
BUS 144	Principles of Marketing	1 Create an effective online sales presentation for a fictional product, including the development of an advertisement for the product, and deliver the presentation in an appropriate written format. (ILO1, ILO2, ILO3, ILO4)	S22	
		2 Deliver a presentation to the class using appropriate oral communication techniques. (ILO1, ILO2, ILO3, ILO4)	S23	
		3 Defend a presentation by providing relevant answers to questions posed by classmates. (ILO1, ILO2, ILO3, ILO4)	S20	Fall 16
		4 Identify and define the steps of the marketing research process and follow the steps to research a simulated business case, including the development of a survey questionnaire (with a minimum of ten questions and at least three of each of the three main types of questions: open-ended, dichotomous, and multiple choice) to test the hypothesis adopted during the process. (ILO1, ILO2, ILO3, ILO4)	S21	Spring 16
		5 Evaluate, analyze, and critique an online persuasive presentation and communicate the results demonstrating writing competencies at the college level. (ILO1, ILO2, ILO3, ILO4)	S21	

BUS 145	Human Resources Management	1	Analyze workplace human resource needs for different types of organizations.	F21	
		2	Explain the functions and activities of human resources management.	F19	
		3	Identify and evaluate Federal and State employment laws applicable to management decisions.	F20	
BUS 148	Personal Finance	1	Show understanding of the time value of money. Illustrate how to compare the value of a dollar today with the value of the dollar at a future point in time. (ILO1, ILO2)	F21	
		2	Compare and contrast Stocks and Bonds as investment vehicles. Be sure to list the costs and benefits of each. (ILO1, ILO2, ILO4)	F19	
		3	Create a financial plan. Use short-term, intermediate and long-term goals in your plan. (ILO1, ILO2, ILO3, ILO4)	F20	
BUS 152	Basic Keyboarding	1	Using proper technique, demonstrate ability to key using the touch method at a net speed of 13 NWPM over established base score. (ILO1, ILO4)	F19	Spring 19
BUS 154	Beginning Keyboarding and Document Formatting	1	In a 5-minute timed writing, demonstrate proper typing posture and technique. (ILO2, ILO3, ILO4)	F19	
		2	In a 5-minute timed writing, demonstrate ability to touch typing. (ILO2, ILO3)	F20	
		3	Create and format a business letter in block style. (ILO2, ILO3, ILO4, ILO5)	F21	
BUS 156	Keyboarding: Speed and Accuracy	1	Demonstrate keyboarding speed and accuracy proficiency on a 5-minute timed writing. (ILO1, ILO2, ILO3, ILO4)	F20	
		2	Measure overall keyboarding speed and accuracy skill-development progress on a 5-minute timed writing. (ILO1, ILO2, ILO3, ILO4)	F21	
		3	Apply technique to improve accuracy and speed in keyboarding. (ILO4)	F19	
BUS 164	Microsoft Word for the Workplace	1	Create a report where essential MS Word 2013 functions are used. (ILO2, ILO3, ILO5)	F21	
		2	Design and create an online form for a company retreat. During this process, analyze and reinforce writing and critical thinking skills. (ILO1, ILO2, ILO3, ILO5)	F19	
		3	Use the Mail Merge process to create letters and mailing labels. (ILO1, ILO2, ILO3, ILO5)	F20	
BUS 169	Records Management	1	Code proper names and business names according to alphabetic filing rules. (ILO2, ILO3, ILO4, ILO5)	F20	Spring 19
		2	Identify and create cross-referencing for proper names and business names. (ILO2, ILO3, ILO4, ILO5)	F19	Fall 19
BUS 172	Office Procedures for the Workplace	1	Develop research techniques to learn about a product or concept and persuade audience to believe in it. (ILO1, ILO2, ILO5)	S21	
		2	Develop oral, analytical and written skills by persuading a certain point of view in an oral presentation. (ILO1, ILO3, ILO5)	S22	
		3	Display professionalism while selling skills, knowledge and education during a mock interview. (ILO1, ILO2, ILO3, ILO5)	S20	
BUS 180	Microsoft Office Suite for the Workplace	1	Using Excel, apply formulas to calculate total cost, gross sales and total profit. (ILO2, ILO3, ILO4)	F21	
		2	Design, analyze, and present a proposal using Office applications, simulating the need of a college snack bar. (ILO1, ILO3, ILO5)	F22	
		3	In a simulated setting, communicate the snack bar proposal to a college Board of Directors. (ILO1, ILO2, ILO3, ILO4, ILO5)	F19	
		4	In a simulated setting, create a data base and create reports using the query function.	F20	

BUS 260	Business Communications	1	Use the writing process effectively to communicate positive, negative, and persuasive messages. (ILO1, ILO2, ILO4)		
				F22	
		2	Write a resume and cover letter as well as organize and conduct a mock interview. (ILO1, ILO2, ILO4)		
				F19	
		3	Develop and present an oral report. (ILO1, ILO2, ILO4)	F20	
		4	Identify challenges of intercultural communication and demonstrate how culture affects communication effectiveness. (ILO1, ILO2, ILO4, ILO5)	F21	
BUS 805	Computers for ESL Students	1	Perform basic word processing tasks such as creating, opening, editing, and printing documents. (ILO1, ILO2, ILO4)	S20	
		2	Do research on the Internet. (ILO1, ILO2, ILO4)	S21	
		3	Use an email program to send an email message. (ILO1, ILO2, ILO4)	S22	
BUS 810	Customer Service Series	1	Identify the three types of attitudes in workplace. (ILO2, ILO3, ILO5)	When Offered	
		2	Identify the key elements of customer satisfaction and customer interaction. (ILO1, ILO2, ILO3, ILO5)	When Offered	
CIS 050	Online Learning - An Orientation	1	Utilize screenshots in an online environment. (ILO1)	F21	
		2	Properly identify and verify a website's validity and content. (ILO2)	F19	
		3	Utilize multiple search engines as well as features built into those search engines to become efficient at searching. (ILO3)	F20	
CIS 100	Computer Literacy- Still on CQnet. Will not be deleted until formally not on there.	1	Differentiate between computer hardware and software. (ILO2; ILO4)	When Offered	Will be deleted
		2	Differentiate among hardware devices. (ILO2; ILO4)	When Offered	Will be deleted
		3	Describe URL's and email basics. (ILO2; ILO4)	When Offered	Will be deleted
		4	Use a word processing program to create, edit, and print a document. (ILO1, ILO2, ILO4)	When Offered	Will be deleted
CIS 101	Introduction to Information Systems	1	Analyze web information sources for relevance and accuracy; and synthesize, evaluate and communicate the results, demonstrating writing competencies at the college level. (ILO1, ILO2, ILO4)	F21	
		2	Describe the general characteristics of a computer system and identify types of computer hardware and software and explain their functions. (ILO1, ILO2, ILO4)	F19	Spring 18
		3	Demonstrate the use of a word processor, spreadsheet, and database application program by completing projects that require students to extend course content to real-world situations and manage and organize files and use data storage devices. (ILO1, ILO2, ILO4)	F20	Spring 18
CIS 102	Computer Applications Laboratory	1	Take responsibility for logging in and out of the system to capture attendance hours. (ILO3)	S21	
		2	Demonstrate improvement of skills in the practical use of computer equipment and applications as required in co-enrolled course. (ILO3, ILO4)	S20	
CIS 115	Microsoft Outlook	1	Demonstrate practical knowledge of how to navigate and manipulate the Microsoft Outlook environment.	S20	
CIS 120	Microsoft Word I	1	Design and create a two page advertisement promoting green environment using MS Word features. (ILO1, ILO2, ILO3, ILO4, ILO5)	S20	

CIS 121	Microsoft Word II	1	Create a multi-page document using intermediate features of MS Word. (ILO1, ILO2, ILO3, ILO4)	S20	
CIS 124	EXCEL I	1	Apply calculating formulas and functions in order to produce a worksheet (ILO1,ILO2,ILO3)	S20	
CIS 125	EXCEL II	1	Demonstrate knowledge of worksheet creation using formulas and function applications. (ILO1, ILO2,ILO3)	S21	
		2	Produce worksheets with advanced chart and graphic presentations (ILO1, ILO2,ILO3)	S20	
CIS 128	Microsoft Access	1	Design,create, and query a data base. (ILO2, ILO4)	S20	Spring 17
CIS 130	Power Point I	1	Design and create a slide show that includes a title slide, at least five text slides with bulleted lists, and a closing slide. Demonstrate understanding of using attributes for emphasis. (ILO1, ILO2, ILO4)	S20	
CIS 131	Power Point II	1	Design and create a slide presentation demonstrating knowledge of inserting photographs and using layouts, bulleted lists, shapes, background, transitions, and photograph (ILO1, ILO2, ILO4)	S20	
CIS 137	Web Development Tools	1	Design, develop, and present a business orientated website (ILO1, ILO2,ILO4, ILO5)	F20	
		2	Ability to utilize embedded youtube videos and embedded playlists to create a media rich website. (ILO 4)	F21	
		3	Ability to utilize Widgets to include a CSS-based image gallery in a website. (ILO4)	F22	
		4	Ability to deploy and modify tables to format a website (ILO4)	F19	
CIS 138	Computer Applications in Agriculture	1	Demonstrate a competent use of technology through the use of office applications as they apply to the agricultural industry. (ILO2, ILO4, ILO5)	F21	
CIS 149	Computer Graphics - Photoshop	1	Utilize several Photoshop tools and tactics learned throughout the course to produce a professional looking Magazine cover. (ILO1)	S21	
		2	Demonstrate the ability to repair and touchup a digital picture. (ILO2)	S22	
		3	Demonstrate the ability to utilize Photoshop's liquify tools to modify a person's body.(ILO3)	S20	
CIS 150	Computer Graphics - Illustrator	1	Utilize several Illustrator tools and skills learned throughout the course to produce a professional looking marketing advertisement. (ILO1)	S20	
		2	Demonstrate the ability to produce point type and apply text effects. (ILO2)	S21	
		3	Utilize the Pen and Pencil tools to create basic and complex shapes. (ILO3)	S22	
CIS 155	Flash	1	Utilize several Flash tools and tactics learned throughout the course to produce an interactive flash-based website (ILO1)	When Offered	
		2	Demonstrate the ability to effectively utilize the timeline and motion tween affects to produce animation. (ILO2)	When Offered	
		3	Demonstrate the ability to use bone kinematics in a Flash animation. (ILO3)	When Offered	
CIS 160	CISCO IT Essentials: Hardware and Software	1	Diagnose and repair two (2) computer problems. (ILO2)	F19	
		2	Practice safe work habits. (ILO3)	F20	
		3	Install and configure an operating system. (ILO2)	F21	
		4	Select computer components based on customer need and complete the installation of a desktop computer tower.	F22	

CIS 162	Cisco CCNA Discovery 1: Introduction to Networks	1	Plan and install a home or small business network and connect it to the Internet, sharing resources such as files and printers among multiple computers. (ILO1, ILO2, ILO4, ILO5)		
		2	Verify and troubleshoot network and Internet connectivity. (ILO1, ILO2, ILO4, ILO5)	F21	
		3	Recognize and mitigate security threats to a home or small business network. (ILO1, ILO2, ILO4, ILO5)	F21	
		4	Configure and verify common Internet applications as well as basic IP services through a GUI. (ILO1, ILO2, ILO4, ILO5)	F22	
		5	Build the access layer of an Ethernet network, build the distribution layer of a network, and plan and connect a local network.	F19	
		6	Configure an integrated AP and wireless client.	F20	
CIS 163	Cisco CCNA Discovery 2: Routing and Switching Essentials	1	Describe the structure of the Internet and how Internet communications occur between hosts. (ILO1,ILO2, ILO4, ILO5)		
		2	Install, configure, and troubleshoot Cisco IOS devices for Internet and server connectivity. (ILO1, ILO2, ILO4, ILO5)	SP23	
		3	Plan a basic wired infrastructure to support network traffic. (ILO1, ILO2, ILO4, ILO5)	S20	
		4	Implement a basic WAN connectivity using Telco services. (ILO1, ILO2, ILO4, ILO5)	S20	
		5	Demonstrate proper disaster recovery procedures and perform server backups. (ILO1, ILO2, ILO4, ILO5)	S21	
		6	Monitor network performance and isolate failures. (ILO1, ILO2, ILO4, ILO5)	S21	
		7	Troubleshoot problems using an organized, layered procedure. (ILO1, ILO2, ILO4, ILO5)	S22	
		8	Describe the OSI model and the process of encapsulation. (ILO1, ILO2, ILO4, ILO5)	S22	
CIS 180	Advanced Computer Graphics	1	Utilize advanced Illustrator tools and skills to produce a professional, industry standard logo for a fiction-based company. (ILO1)	S20	
		2	Demonstrate the ability to alter a person's physical appearance by using advanced techniques associated with the liquify tool in Photoshop. (ILO2)	S21	
		3	Demonstrate the ability to produce a professional standard graphic using advanced techniques in Photoshop and Illustrator combined. (ILO3)	S22	
CIS 202	Programming in Visual Basic	1	Design and create a VB program that incorporates good design principles and meets specifications using the sequence control structure. (ILO1, ILO2, ILO4, ILO5)		
		2	Design and create a VB program that incorporates good design principles and meets specifications using the decision/branching control structure. (ILO1, ILO2, ILO4, ILO5)	S21	
		3	Design and create a VB program that incorporates good design principles and meets specifications using the loop/iteration control structure. (ILO1, ILO2, ILO4, ILO5)	S22	
CIS 210	Programming in C++	1	Communicate ideas and solutions to problems in writing. (ILO1, ILO2,ILO3)	S20	Spring 18
		2	Compose and create computer programming algorithms with correct computer programming instructions, syntax, style and format. (ILO1, ILO2,ILO3)	S20	Spring 18
				S21	

		3 Demonstrate personal responsibility by attending and completing in full the complete midterm examination. (ILO1, ILO2,ILO3)	S22	Spring 18
CIS 212	Web Development Programming	1 Write correctly formatted HTML. (ILO1, ILO2, ILO4, ILO5)	When Offered	Spring 17
		2 Write correctly formatted CSS. (ILO1, ILO2, ILO4, ILO5)	When Offered	
		3 Add interactivity to web pages using JavaScript. (ILO1, ILO2, ILO4, ILO5)	When Offered	
CIS 213	JavaScript Fundamentals for Web Development	1 Create web-pages that include special effects, cookies, and forms. (ILO 2, ILO 4)	When Offered	Will be deleted
CIS 214	PHP Fundamentals for Web Development	1 Use PHP to connect to a MySQL database and retrieve a Result Set. (ILO1, ILO2, ILO4, ILO5)	When Offered	Will be deleted
		2 Debug common PHP programming mistakes and setup a local development environment on home PCs. (ILO1, ILO2, ILO4, ILO5)	When Offered	Will be deleted
		3 Use the PHP manual to lookup built-in PHP functions and create user defined functions and classes. (ILO1, ILO2, ILO4, ILO5)	When Offered	Will be deleted
ECON 101	Introduction to Micro Economics	1 Organize and prioritize costs and benefits of a given issue. Write an analysis using the available data. (ILO1,ILO2)	F21	Fall 17
		2 Identify and understand the supply and demand model. Use the model to predict price and quantity changes in markets given changes in the determinants of supply and demand. (ILO2, ILO5)	F19	
		3 Show an ability to think at the margin. Use marginal thinking to solve problems. (ILO2)	F20	
ECON 102	Introduction to Macro Economics	1 Organize and prioritize costs and benefits of a given issue. Write an analysis using the available data. (ILO1, ILO2, ILO3)	F21	Fall 17
		2 Identify and understand the aggregate supply and demand model. Use the model to predict price level, output and employment changes given various shocks to the economy. (ILO2, ILO3, ILO5)	F19	
		3 Show comprehension of both Fiscal and Monetary Policy. Illustrate potential pros and cons of each policy. (ILO2, ILO3)	F20	
WE 201	Employment Readiness	1 Identify four measurable on-the-job objectives they will accomplish during their Internship/Work Experience. (ILO1, ILO2, ILO3, ILO4)	F19	
WE 210	General Work Experience	1 Identify and accomplish four on-the-job learning objectives for new or expanded learning. (ILO1, ILO2, ILO3, ILO4)	F19	
WE 220	Internship	1 Identify four measurable on-the-job objectives they will accomplish during their Internship/Work Experience. (ILO1, ILO2, ILO3, ILO4)	F19	
AGRICULTURE BUSINESS FOR TRANSFER and AGRICULTURE BUSINESS MANAGEMENT CERT		1 Demonstrate understanding of market trends and influential factors, display critical thinking skills related to production and marketing development, data interpretation as applied to the decision making process related to commercial production and commodity sales.		
		2 Demonstrate understanding of scientific research and critical thinking skills related to hypothesis development and data interpretation as applied to the decision making process for commercial production.		
		3 Display competency with respect to the use of standard lab, industry equipment and techniques used in production.		
		PL0 Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	AG140 Exam & SLO Data	

AGRICULTURE PLANT SCIENCE FOR TRANSFER and AGRICULTURE PLANT SCIENCE CER	1	Demonstrate an understanding of fundamental concepts and knowledge related to the selection, propagation and management of various plant commodities produced for food, feed and fiber.		
	2	Display competency with respect to the use of standard laboratory, industry equipment and techniques commonly used in production.		
	3	Demonstrate understanding of scientific research and display critical thinking skills related to hypothesis development and data interpretation as applied to the decision making process related to commercial production.		
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	AG140 Exam & SLO Data	
BUSINESS ACCOUNTING TECHNICIAN - A.S. and CERT	1	Solve business-related math problems.	Fall 20	
	2	Communicate business results using computer software.	Fall 20	
	3	Record and report routine accounting transactions.	Fall 20	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	ACCT 240 Exams, SLO data	
BUSINESS ADMINISTRATION FOR TRANSFER	1	Evaluate business data and reach reasoned conclusions.	Fall 21	
	2	Apply quantitative and or qualitative analysis to solve problems.	Fall 21	
	3	Communicate effectively to relevant populations.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	ACCT 210 and 220 Exams, SL	
BUSINESS ADMINISTRATIVE ASSISTANT - A.S. and CERT	1	Demonstrate accuracy and speed in the use of a ten-key calculator.	Fall 20	
	2	Apply effective verbal, nonverbal and written communication in a professional manner.	Fall 20	
	3	Communicate the importance of soft skills and demonstrate these skills effectively in the workplace.	Fall 20	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
BUSINESS MANAGEMENT - A.S. and CERT	1	Evaluate business data and reach reasoned conclusions.	Fall 21	
	2	Show understanding of accounting information for use in decision-making, controlling, planning and directing operations.	Fall 21	
	3	Demonstrate an ability to productively work as a team member with people of diverse experiences and backgrounds.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	BUS 132 Exercise & SLO data	
BUSINESS OFFICE TECHNICIAN - A.S. and CERT	1	Design and create business documents using Microsoft Office Suite.	Fall 21	
	2	Apply accurate written, verbal and nonverbal techniques in order to communicate effectively.	Fall 21	
	3	Solve business-related math problems	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
COMPUTER NETWORKING - CERT	1	Demonstrate aptitude and competence for working with Cisco routers, switches and Cisco IOS.	Fall19/22	Fall 19
	2	Show the practical skills required for associate-level networking support positions.	Fall19/22	Fall 19
	3	Demonstrate skills necessary to pass two different Cisco certification exams, CCENT or CCNA.	Fall19/22	Fall 19
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	CIS 164 Cap Stone Project Data	

BUSINESS INFORMATION SYSTEMS - A.S.	1	Describe the general characteristics of a computer system and identify types of computer hardware and software and explain their functions.	Fall19/22	Fall 19
	2	Show understanding of accounting applicable to recording and reporting of business transactions and show proficiency utilizing computerized financial software.	Fall19/22	Fall 19
	3	Create computer programs using a program language that incorporates good design principles and meets specifications.	Fall19/22	Fall 19
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	CIS 160 & BUS 126 Exam Data & SLO Data	
COMPUTER INFORMATION TECHNOLOGY - A.S. and CERT	1	Ability to identify and troubleshoot computer hardware and software issues.	Fall 22	
	2	Ability to secure a computer system and deploy monitoring strategies to maintain security protocols.	Fall 22	
	3	Apply programming concepts and methodologies to produce applications.	Fall 22	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	CIS 160, CIS 101 Exam Data & SLO Data	
DIGITAL DESIGN AND PRODUCTION - A.S. and CERT	1	Produce and present ideas visually and apply principles of development in multimedia.	Fall 20	
	2	Create digital publications that are professionally designed and modified to fit the needs of clients.	Fall 20	
	3	Demonstrate visual techniques and design web page and web layouts with appropriate software that is technically and visually sound.	Fall 20	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	CIS 180 Cap Stone Project & SLO Data	
MICROSOFT OFFICE - CERT	1	Utilize office applications to run reports and infographs in a business setting.	Fall 21	
	2	Produce spreadsheets to demonstrate and analyze business solutions.	Fall 21	
	3	Share your thoughts and ideas by producing a PowerPoint presentation.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
RETAIL MANAGEMENT - CERT	1	Apply relevant information needed to perform job-related tasks and make retail business decisions including: an ability to set goals, to read and compose technical business documents and to use math skills to calculate and analyze financial information.	Fall 20	
	2	Explain, follow and enforce company policies, procedures, and perform job duties in an ethical manner	Fall 20	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	

### EWD - CFCS Department (Becky Green) (CDEV)

CDEV 100	Principles and Practices of Teaching Young Children	1	Compare and contrast historical and current early childhood education perspectives, theories, program types and philosophies. (ISLO2 and ISLO5)	F20	Spring 18
		2	Describe the role of the early childhood educator, including ethical conduct, and professional pathways. (ISLO1 and ISLO3)	F20	Spring 18
		3	Identify quality in early childhood programs related to environment, curriculum, and teaching strategies, including play as a vehicle for developing skills. (ISLO2)	F20	Spring 18
CDEV 101	Health, Safety and Nutrition	1	Describe strategies used to promote health (mental and physical), safety, and nutrition of children and adults in early childhood settings. (ISLO1, ISLO2, and ISLO5)	F20	

		2 Evaluate environments for both positive and negative impacts on children's health and safety. (ISLO2)	F20	Fall 17
		3 Identify and implement regulations, standards, policies and procedures related to health, safety, and nutrition in early childhood settings. (ISLO2, ISLO4, and ISLO3)	F20	Fall 17
CDEV 102	First Aid and CPR for Teachers of Young Children	1 Demonstrate ability to properly perform CPR. (ILO2, ILO3)	F20	
		2 Demonstrate ability to properly apply First Aid procedures to various situations. (ILO2, ILO3)	F20	
CDEV 103	Child, Family and Community	1 Describe socialization of the child focusing on the interrelationship of family, school, and community. (ILO1, ILO2, and, ILO5)	F20	Fall 17
		2 Identify the educational, political, and socioeconomic impacts on children and families. (ILO2, ILO5)	F20	Spring 18
		3 Describe strategies that empower families and encourage family involvement in children's development and learning. (ILO2 and ILO5)	F20	Spring 18
CDEV 104	Child Growth and Development	1 Identify cultural, economic, political, historical contexts that impact children's development. (ILO2, ILO4, ILO5)	F20	
		2 Apply knowledge of development and major theoretical frameworks to child observations, surveys, and/or interviews. (ILO2, ILO4, ILO5)	F20	Fall 17
		3 Describe (typical and atypical) development of children from conception through adolescence in the physical, social, emotional, and cognitive domains. (ILO2, ILO4, and ILO5)	F20	Spring 18
CDEV 105	Introduction to Curriculum	1 Differentiate between various curriculum models, approaches, environments, and standards for early learning including indicators of quality. (ILO2 and ILO5)	F20	Spring 18
		2 Identify and describe the teachers' role in early childhood programs, including planning, implementing and evaluating activities and environments. (ILO2)	F20	Spring 18
		3 Select and apply developmentally appropriate teaching strategies and theories to curriculum and environment design. (ILO2)	F20	Spring 18
CDEV 106	Observation and Assessment	1 Describe and evaluate the characteristics, strengths, limitations and applications of contemporary observation and assessment tools. (ILO1 and ILO2)	S21	
		2 Discuss the role of partnerships with families and other professionals in utilizing interpretations of observational and assessment data. (ILO1 and ILO2)	S21	
		3 Complete systematic observations and assessments using a variety of methods of data collection to inform environment design, interactions, and curriculum. (ILO2)	S21	
CDEV 107	Teaching in a Diverse Society	1 Examine the impact of various societal influences on the development of children's social identity. (ILO5 and ILO2)	F20	

		2 Evaluate the influence of the teacher's experiences on teaching approaches and interactions with children and families. (ILO3, ILO2)	F20	
		3 Evaluate the ways that developmentally appropriate, inclusive, and anti-bias approaches support learning and development. (ILO2 and ILO5)	F20	
CDEV 120	Language and Literature for Young Children	1 Plan experiences and environments that support children's language and literacy development, based on observation of children's abilities, needs, and interests. (ILO1, ILO4)	F20	
		2 Implement strategies to collaborate with families and caregivers to support children's language and literacy development. (ILO2, ILO4, ILO5)	F20	
		3 Explain the role of early learning standards and assessment in the education of young children. (ILO1, ILO2, ILO5)	F20	
CDEV 121	Art for Young Children	1 Explain the roles of early learning standards and their relationship to assessment in the visual arts education of young children. (California Preschool Learning Foundations and Frameworks, Desired Results, Content Standards for California Public Schools (Kindergarten)) (ILO1, ILO2, ILO5)	F19	
		2 Plan and implement environments and experiences based on observation of children, to support children's development of visual arts skills. (ILO1, ILO5)	F19	
		3 Describe how teachers can collaborate with parents and other caregivers to support children's development in artistic skills.	F19	
CDEV 122	Science and Math for Young Children	1 Investigate and critique developmentally appropriate science and math curriculum and the use of California standards. (ILO1, ILO2, ILO4)	S21	
		2 Describe strategies to involve parents and caregivers to support children's understanding of science concepts. (ILO2, ILO4)	S21	
		3 Plan math and science activities and environments based on the observation of children, to support children's development in math and science concepts. (ILO2, ILO4)	S21	
CDEV 123	Music and Movement for Young Children	1 Examine and critique developmentally appropriate music, movement, and drama curriculum for early childhood. (ILO1, ILO2, ILO4)	S20	Fall 17
		2 Demonstrate knowledge of and create environments to stimulate and support young children's development of appreciation of the arts including opportunities to express themselves through music, dance and dramatic play. (ILO1, ILO2)	S20	Fall 17
		3 Articulate the teacher's role in collaborating with families to support children's art awareness and expression. (ILO1, ILO2, ILO4)	S20	Fall 17
CDEV 124	Creative Cooking for Children	1 Identify the domains of learning involved in cooking. (ILO1, ILO2)	S20	
		2 Identify, plan and demonstrate developmentally appropriate cooking activities. (ILO1, ILO2, ILO4)	S20	
		3 Create extensions of cooking activities into other areas of the curriculum. (ILO1, ILO2, ILO4)	F20	
CDEV 141	Children with Challenging Behaviors	1 Evaluate Early Childhood environments in regards to influence on children's behavior. (ILO2, ILO4, ILO5)	F22	
		2 Compare and apply essential elements of positive behavior management techniques. (ILO2, ILO5)	F22	
		3 Demonstrate ability to modify the environment to positively affect challenging behaviors. (ILO1, ILO2, ILO4, ILO5)	F22	

CDEV 200	Practicum - Field Experience	1 Design, implement and evaluate curriculum and environments based on observation and assessment of young children. (ILO2, ILO3)	F21	Spring 18
		2 Apply a variety of effective approaches, strategies and techniques for teaching in an early childhood classroom. (ILO2)	F21	Spring 18
		3 Analyze personal teaching experiences to guide and inform practice. (ILO3)	F21	Spring 18
CDEV 210	Administration and Supervision	1 Identify and demonstrate understanding of management principles and their relationship to leadership styles. (ILO1, ILO2, ILO3, ILO5)	F19	Spring 18
		2 Investigate and create a typical program budget. (ILO2, ILO3, ILO4)	F19	Spring 18
		3 Identify appropriate materials for a learning center in an early learning environment that is responsive to diverse learners. (ILO2, ILO4, ILO5)	F19	Spring 18
CDEV 211	Advanced Management Functions	1 Identify key aspects of quality early childhood educational programs and plan a proposal for program budgeting. (ILO1, ILO2, ILO3)	F20	
		2 Identify strategies for family involvement and create and assess program parent involvement plan. (ILO1, ILO2, ILO3)	F20	
		3 Demonstrate knowledge of personnel requirements, policies, training, and evaluation. (ILO1, ILO2, ILO3)	F20	
CDEV 212	Adult Supervision in Child Development Programs	1 Identify methods for staff improvement. (ILO1, ILO2, ILO3, ILO4)	S22	
		2 Demonstrate ability to work with staff. (ILO1, ILO2, ILO3, ILO4)	S22	
		3 Provide a variety of sources to evaluate self and staff. (ILO1, ILO2, ILO3, ILO4)	S22	
CDEV 220	Infant Toddler Development	1 Connect observed behaviors of children birth to 36 months to developmental concepts and theories in the physical, cognitive, language, social, and emotional domains. (ILO1, ILO2, ILO5)	F19	
		2 Analyze the multiple contextual influences on infant and toddler development including diverse family practices and environments. (ILO2, ILO4)	F19	
		3 Demonstrate knowledge of biological and environmental factors that influence pre-conception and prenatal health and development.	F19	
CDEV 221	Infant Toddler Curriculum	1 Demonstrate strategies to promote healthy relationships in the care and education of infants and toddlers. (ILO2, ILO3, ILO4, ILO5)	S20	
		2 Evaluate infant and toddler curriculum and environments based on observation, documentation and reflection. (ILO2, ILO5)	S20	
		3 Summarize the essential policies and practices of quality infant and toddler programs (ILO2)	S20	
CDEV 230	School Age Child Development	1 Examine school-age development as it relates to the individual as well as actions and attitudes in a group setting. (ILO2, ILO4, ILO5)	F22	
		2 Demonstrate an understanding of school-age care as it relates to families and communities. (ILO2, ILO4, ILO5)	F22	
		3 Examine Current issues that impact the growth and development of school age children. (ILO2, ILO4, ILO5)	F22	
CDEV 231	School Age Curriculum	1 Compare and contrast varies before and after school, school-age programs. (ILO2, ILO4, ILO5)	F22	
		2 Design, implement, and evaluate curriculum activities which are appropriate for school-age children in before or after school learning environments. (ILO2, ILO4, ILO5)	F22	
		3 Formulate developmentally appropriate positive guidance strategies for working with school-age children. (ILO2, ILO4, ILO5)	F22	
CDEV 240	Introduction to Children with Special Needs	1 Recognize various exceptionalities and conditions of children and identify interventions based on the developmental continuum.(ILO2, ILO3, ILO4,ILO5)	F20	

		2 Evaluate the role of history and society in shaping current policies related to best practices of inclusion and serving children with special needs. (ILO2, ILO4, ILO5)	F20	
		3 Collaborate with families and community members in supporting inclusion of children with special needs. (ILO1, ILO3,ILO5)	F20	
CDEV 241	Curriculum and Strategies for Children with Special Needs	1 Evaluate program, educational and professional policies, based on special education laws and evidence-based practices. (ILO2, ILO4)	S21	
		2 Design and implement curriculum strategies based on children's individualized needs, abilities, and interests in inclusive and natural environments. (ILO2, ILO4)	S21	
		3 Advocate for effective partnerships with families, interdisciplinary team members, and community resource specialists. (ILO1, ILO3, ILO4, ILO5)	S21	
CHILD DEVELOPMENT - A.S.		1 Exhibit grounding in a child development knowledge base.	Fall 21	
		2 Demonstrate knowledge in building relationships with children, family and community.	Fall 21	
		3 Observe, document, and assess to support young children and families.	Fall 21	
		4 Demonstrate developmentally effective approaches to create positive relationships and supportive interactions as the foundation in working with children and families from diverse societies.	Fall 21	
		5 Use content knowledge to build meaningful curriculum.	Fall 21	
		6 Demonstrate professionalism.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Potfolio and Interview	
CHILD DEVELOPMENT ADMINISTRATION SPECIALIZATION CERT		1 Prioritize, organize and manage the logistics of an early Care and Education program including; staff training, evaluation, budget, and community relations.	Fall 21	
		2 Supervise staff, assistants, aids, and teachers in an early care and education setting.	Fall 21	
		3 Create a developmentally appropriate learning environment for children in an early care and education setting.	Fall 21	
		4 Assess the development of children for the purposes of curriculum planning and implementation.	Fall 21	
		5 Recognize, integrate and value the individualized needs of the diverse children and their families.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Completion of Cert. and Administrative Permit	
CHILD DEVELOPMENT ASSOCIATE TEACHER CERT		1 Describe and apply principles of cognitive, physical, and social emotional development for young children birth to adolescence.	Fall 21	?
		2 Identify components of quality early childhood programs.	Fall 21	
		3 Assist in the planning and implementation of developmentally appropriate activities and environmental design.	Fall 21	
		4 Observe and document children 's development in partnership with families for positive influence on children 's development.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Permit requirements met for ECE Associate Teacher	
CHILD DEVELOPMENT CHILDREN WITH SPECIAL NEEDS SPECIALIZATION CERT		1 Design and implement strategies that support and empower families, promote inclusion and a sense of belonging for all children.	Fall 21	
		2 Use observations, documentation, assessment, and intervention strategies that support collaborative practices to reach the full potential of all children.	Fall 21	

		3 Demonstrate an understanding of young children's diverse developmental characteristics, needs, abilities, and multiple interacting influences to create curriculum and environments that challenge and support individualized learning.	Fall 21	
		4 Summarize laws, regulations, ethical standards, and referral processes.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Completion of Cert. by 75%	
CHILD DEVELOPMENT INFANT/TODDLER SPECIALIZATION CERT		1 Recognize the importance of infancy as a unique time in children 's development that requires specialized developmentally appropriate activities, routines, interactions, and guidance.	Fall 21	
		2 Distinguish the unique needs of children less than three years from older children in areas of health, safety, environmental design, curriculum, and social emotional development.	Fall 21	
		3 Understands the importance of establishing positive child, family, and provider relationships.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Meets State requirements for working with Infants and	
CHILD DEVELOPMENT SCHOOL-AGE SPECIALIZATION CERTIFICATE		1 Create appropriate environments for a variety of before and after-school programs, and full day programs.	Fall 21	
		2 Demonstrate respectful and positive interactions that value diverse children and families.	Fall 21	
		3 Demonstrate positive guidance strategies that promote self discipline and positive interactions among peers.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Completion of Cert. by 50%	
EARLY CHILDHOOD EDUCATION FOR TRANSFER		1 Exhibit grounding in a child development knowledge base.	Fall 21	
		2 Demonstrate knowledge in building relationships with children, family and community.	Fall 21	
		3 Observe, document, and assess to support young children and families.	Fall 21	
		4 Demonstrate developmentally effective approaches to create positive relationships and supportive interactions as the foundation in working with children and families from diverse societies.	Fall 21	
		5 Use content knowledge to build meaningful curriculum.	Fall 21	
		6 Demonstrate professionalism.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Portofilio and Interview	

### EWD - APPRENTICESHIP (Efrain Silva)

APEL 105	Electrician V	1 understand the handling and disposal of hazardous materials in the power utility industry. (ILO2, ILO3)		
		2 troubleshoot and resolve power loss and outages. (ILO2, ILO3)		
		3 understand the role of insulators and replacement techniques. (ILO2, ILO3)		
		4 understand standard safety procedures appropriate to the power utility industry. (ILO2, ILO3, ILO4)		
APEL 106	Electrician VI	1 identify and demonstrate practical uses of electrical distribution control equipment. (ILO2, ILO3)		
		2 demonstrate proper action in course of a high voltage termination. (ILO2, ILO3)		
		3 identify and resolve electrical problems within relays and transformers. (ILO2, ILO3)		

		4 understand proper work safety in substations, switchyards, and in confined spaces (CPAT). (ILO2, ILO3)		
APEL 107	Electrician VII	1 understand and deal appropriately with hazardous materials in the power utility industry. (ILO2, ILO3, ILO5)		
		2 identify primary and secondary cable faults with radar and other technologies. (ILO2, ILO3)		
		3 identify and resolve customer problems using proper customer service guidelines. (ILO2, ILO3)		
		4 understand the use of system protection and monitoring equipment as used in the power utility industry. (ILO2, ILO3)		
APEL 108	Electrician VIII	1 understand standard safety procedures appropriate to the power utility industry. (ILO2, ILO3)		
		2 develop and conduct safety tailgate sessions. (ILO1, ILO2, ILO3)		
		3 demonstrate a working knowledge of electricity; implementing residential, commercial, and industrial. (ILO2, ILO3, ILO5)		
		4 implement and practice all construction safety standards required within the power utility industry. (ILO2, ILO3)		
APGN 105	Generation Mechanic V	1 Understand and apply standard safety procedures appropriate to the power utility industry. (ILO2, ILO3)		
		2 interface operating equipment with electronic/electrical/computer controls and instrumentation. (ILO2, ILO4)		
		3 use acceptable standards to fabricate, assemble and disassemble power plant generation equipment and components. (ILO2, ILO3)		
		4 identify and resolve generation problems by using troubleshooting techniques. (ILO2, ILO3)		
APGN 106	Generation Mechanic VI	1 describe the principles of hardness testing. (ILO2, ILO3)		
		2 utilize specialty tools, conduct precision measurements and perform quality welding. (ILO2, ILO3)		
		3 identify specialty tools and stationary machines. (ILO2, ILO4)		
		4 describe shield metal arc welding processes. (ILO2, ILO3)		
APGN 107	Generation Mechanic VII	1 recognize and deal appropriately with hazardous materials in the power utility industry including use of chemicals to treat cooling water, ammonia and other types of gases. (ILO2, ILO4)		
		2 understand troubleshooting techniques utilizing computerized alignment and applications to vibration monitoring. (ILO2, ILO4)		
		3 explain different types of pumps and their application; identify pumping system and their components. (ILO2, ILO3)		
		4 explain maintenance, repair and replacement of shafts, impeller, bearings and seals. (ILO2, ILO4)		
APGN 108	Generation Mechanic VIII	1 explain gear ratio in relation to input and output speeds. (ILO2, ILO3)		
		2 identify and troubleshoot the different types of gearboxes and their application. (ILO2, ILO4)		
		3 calculate and set backlash. (ILO2, ILO3)		
		4 identify types of gears and interpret blue pattern on gears. (ILO2, ILO3, ILO4)		
APHY 105	Hydro Operator V	1 become familiar with safety procedures and hazardous materials management as well as with standard construction practices related to the power industry. (ILO2, ILO3)		

		2 describe the hydro power generation principle and major components, AC electrical power theory, as well as transmission and distribution systems basic components and operation. (ILO1, ILO2)		
		3 explain interaction between generating unit components, pond level, flow, spillways, generator and sub-station with emphasis on safe power production optimization. (ILO1, ILO2)		
		4 demonstrate ability to resolve basic electricity mathematical problems related to AC three phase circuits. (ILO2, ILO3)		
APHY 106	Hydro Operator VI	1 become familiar with safety procedures and related equipment, hazardous materials control and disposal, and comply with CPAT certification requirements. (ILO2, ILO3)		
		2 describe the different types of hydro power generating turbines, their operating principle and controls devices. (ILO1, ILO2, ILO3)		
		3 explain turbine hydraulic governor system operation including: different pump types, actuators, control valves, speed sensing and settings. (ILO2, ILO3)		
		4 demonstrate proficiency in relating problems and parameters associated with turbine controls to turbine performance during speed no load control. (ILO2, ILO4)		
APHY 107	Hydro Operator VII	1 become familiar with safety regulations and personal protective equipment related to live electrical conductor exposure and arc flash protection. Hazardous materials control and disposal including asbestos materials. (ILO2, ILO3)		
		2 describe the different types of hydro power generators construction, identifying components including: frame, polar wheel, stator windings, slip rings, voltage regulator, bearings and cooling system components. (ILO1, ILO2, ILO3)		
		3 explain hydro generator related processes: excitation, grid synchronization, load and reactive power controls, generator protections up to include electrical and mechanical instrumentation. (ILO1, ILO2)		
		4 demonstrate proficiency in monitoring and relating problems and parameters associated with generator controls during start up and under operation. (ILO2, ILO3)		
APHY 108	Hydro Operator VIII	1 understand tailgate safety sessions, CIPS awareness training, IID's procedures for hazardous waste and Electrical Shock training. (ILO2, ILO3)		
		2 identify hydro plant operation auxiliary systems and their components including: Plant air system, cooling water, bearing water, lubrication, oil conditioning and distribution and station services power supply. (ILO2, ILO3)		
		3 correlate normal parameters, operation and effect of plant auxiliary systems conditions to generating unit operation. (ILO2, ILO3)		
		4 demonstrate proficiency in properly executing sub-station switching, identifying plant station services circuits and lock out-tag out procedures, battery bank and battery charger monitoring. (ILO2, ILO3)		
APIN 105	Instrument Technician V	1 understand electrical drawings and electrical circuits. (ILO2, ILO3)		
		2 understand electrical controls, electric circuits, servos. (ILO2, ILO3)		
		3 understand electronic process controls and digital electronic controls. (ILO2, ILO3)		
		4 understand pneumatic controls and hydraulic controls. (ILO2, ILO3)		
APIN 106	Instrument Technician VI	1 understand electrical safety related to energized equipment. (ILO2, ILO3)		
		2 understand substation and switchyard operation related to plant systems. (ILO2, ILO3)		
		3 understand basic boiler and steam generator operation. (ILO2, ILO3)		
		4 understand electrical terminations. (ILO2, ILO3)		

APIN 107	Instrument Technician VII	1	understand programmable logic controllers and distributed control systems. (ILO2, ILO3)		
		2	understand electronic, pneumatic, and hydraulic instrumentation. (ILO2, ILO3)		
		3	troubleshoot industrial motor controls. (ILO2, ILO3)		
		4	identify analog components. (ILO2)		
APIN 108	Instrument Technician VIII	1	understand flue gas analysis, system measurement, and controls. (ILO2, ILO3)		
		2	understand flow measurement and applications. (ILO2, ILO3)		
		3	understand proximity, vibration, and accelerometer measurements. (ILO2, ILO3)		
		4	understand linear and square root for valve control and flow control. (ILO2, ILO3)		
APLN 105	Power Lineman V	1	recognize and deal appropriately with hazardous materials in the power utility industry. (ILO2, ILO3)		
		2	identify, resolve, and troubleshoot power loss and outages. (ILO2, ILO3)		
		3	understand the role of insulators and replacement techniques. (ILO2, ILO3)		
		4	implement and maintain care of "hot stick" tools and the use of gloving techniques. (ILO2, ILO3)		
APLN 106	Power Lineman VI	1	recognize and deal appropriately with hazardous materials in the power utility industry. (ILO2, ILO3)		
		2	analyze, inspect, and test transformers. (ILO2, ILO3)		
		3	analyze, inspect, and test circuit breakers. (ILO2, ILO3)		
		4	analyze, inspect, and test relays. (ILO2, ILO3)		
APLN 107	Power Lineman VII	1	recognize and deal appropriately with hazardous materials in the power utility industry. (ILO2, ILO3)		
		2	identify and complete a commercial and residential connection. (ILO2, ILO3)		
		3	identify and connect series and multiple circuit connections (street lighting). (ILO2, ILO3, ILO5)		
		4	analyze, troubleshoot, and repair lighting and power loss. (ILO2, ILO3)		
APLN 108	Power Lineman VIII	1	recognize and deal appropriately with hazardous materials in the power utility industry. (ILO2, ILO3)		
		2	explain and demonstrate knowledge of overhead line construction and safety by applying the appropriate general orders and codes. (ILO1, ILO2, ILO3)		
		3	analyze the feed and load characteristics of a circuit by using circuit mapping (maps). (ILO2, ILO3)		
		4	identify and calculate power distributions by using voltage and capacitor applications. (ILO2, ILO3)		
APMT 105	Meter Technician V	1	understand metering mathematics, basic electricity, distribution transformers connections, service voltages and electric power. (ILO2, ILO4)		
		2	understand distribution transformers connections, service voltages and electric power. (ILO1, ILO2)		
		3	understand, analyze and obtain equations of electric power, single phase and three phase Delta/Wye services. (ILO2, ILO3)		
		4	identify, differentiate, construct and troubleshoot electric power, transformer connections and voltage problems. (ILO1, ILO2)		

APMT 106	Meter Technician VI	1	identify instrument transformers for metering (current and potential transformers), electric phasors, color code and principles of wiring, overhead and underground metering systems. (ILO2, ILO3)		
		2	understand the effects of instrument transformers on substations and switchboards of electric power. (ILO2, ILO3)		
		3	understand, analyze and obtain equations of instrument transformers ratios, rated factor, polarity, correction factors, and accuracy classes for metering. (ILO2, ILO3)		
		4	identify, differentiate, construct and troubleshoot phasors of instrument transformers, verification of instrument transformer connections, testing instrument transformers. (ILO2, ILO3)		
APMT 107	Meter Technician VII	1	identify forms and types of electric meters and principles of wiring electric meters. (ILO2, ILO3)		
		2	understand the function and effects of electric meters units consumption, and demand (KWH, KW and KVARH) delivered and received energy. (ILO2, ILO3)		
		3	understand the use of electric meters registration, accuracy classes for meters, demand KW, and power factor leading and lagging. (ILO2, ILO3)		
		4	identify, differentiate, construct and troubleshoot meter registration problems, testing different type of meters in the Laboratory/Field delivered and received energy. (ILO2, ILO3)		
APMT 108	Meter Technician VIII	1	understand programming and meter maintenance, and retrieve and analyze meter data. (ILO2, ILO3)		
		2	understand the function of PC-PRO+ Advanced, and Alpha Plus programs. (ILO2, ILO3)		
		3	understand and analyze the transactions of SAP based on consumption history report, device modification and CICO. (ILO2, ILO3)		
		4	identify, differentiate, construct and troubleshoot software meter programs, TOU rates, and SAP transactions. (ILO2, ILO3)		
APPL 105	Power Plant Operator V	1	explain the different types of energy used in a power plant. (ILO2, ILO4)		
		2	explain energy transfer in the power plant cycle. (ILO2, ILO4)		
		3	perform or simulate proper procedure for cold unit, hot unit startup and shutdown. (ILO2, ILO3)		
		4	perform or simulate proper steps that must be taken during abnormal operations. (ILO2, ILO3)		
APPL 106	Power Plant Operator VI	1	explain the basic concepts of heat transfer in heat recovery steam generator plant. (ILO1, ILO2)		
		2	understand steam turbine systems through operation of steam turbine and associated equipment. (ILO2, ILO3)		
		3	explain principles of control in modern heat recovery steam generators. (ILO1, ILO2)		
		4	explain basic metallurgy properties and uses. (ILO1, ILO2)		
APPL 107	Power Plant Operator VII	1	explain the different types of energy used in a gas turbine power plant. (ILO1, ILO2)		

		2	explain and analyze causes of combustion system failure in gas turbine generators. (ILO2, ILO3)		
		3	demonstrate proper procedures for cold unit, hot unit startup and shutdown. (ILO2, ILO4)		
		4	explain principles of control in modern utility gas turbine generators. (ILO1, ILO2)		
APPL 108	Power Plant Operator VIII	1	explain the different types of energy used in a fossil fuel electrical power generation plant. (ILO1, ILO2)		
		2	explain energy transfer in the electrical power generation plant cycle. (ILO1, ILO2)		
		3	explain and analyze causes of failure in fossil fuel electrical power generation plants. (ILO1, ILO2)		
		4	explain principles of control in modern fossil fuel electrical power generation. (ILO1, ILO2)		
APRL 105	Relays Technician V	1	implement and maintain care and testing of tools familiar to the power utility industry. (ILO2, ILO3)		
		2	identify, resolve, and troubleshoot power-loss and outages. (ILO2, ILO3)		
		3	identify and use, electrical diagrams/schematics and distribution systems. (ILO2, ILO3)		
		4	identify and practice the use of electrical formulas applicable to capacitors, series and parallel AC circuits, alternating currents, three phase systems and laws of equation, as used in the power utility industry. (ILO2, ILO3)		
APRL 106	Relays Technician VI	1	recognize and deal appropriately with hazardous materials in the power utility industry. (ILO2, ILO3)		
		2	apply the principles of instrument transformers to monitor and identify problems. (ILO2, ILO3)		
		3	install and maintain relays in substations. (ILO2, ILO3)		
		4	provide relay maintenance to power transformers. (ILO2, ILO3)		
APRL 107	Relays Technician VII	1	identify and resolve power outages and/or loss (troubleshoot) while switching. (ILO2, ILO3)		
		2	test equipment for relay protection, including use of specialized electrical test equipment. (ILO2, ILO3)		
		3	monitor system circuits and relays for system protection. (ILO2, ILO3)		
		4	understand the National Electric/Telecomm Code as used in the power utility industry. (ILO2, ILO3)		
APRL 108	Relays Technician VIII	1	develop and conduct tailgate safety sessions. (ILO1, ILO2, ILO3)		
		2	test transformers and substation equipment for relay protection. (ILO2, ILO3)		
		3	apply the principles of Trip, RAS, POTT, Pilot Wire and Direct Transfer Trip. (ILO2, ILO3)		
		4	apply the principles of disaster recovery and use of emergency generators. (ILO2, ILO3, ILO5)		
APSB 105	Substation-Electrician V	1	analyze, inspect, report and understand the basic principles of testing a transformer. (ILO1, ILO2, ILO4)		
		2	analyze, inspect, report and understand the basic principles of testing a circuit breaker. (ILO1, ILO2, ILO4)		
		3	analyze, inspect, report and understand the basic principles of testing a relay. (ILO1, ILO2, ILO4)		
		4	analyze, inspect, report and understand the basic principles of testing a D/C battery system. (ILO1, ILO2, ILO4)		

APSB 106	Substation-Electrician VI	1	understand their surrounding work area(s) that involve Distribution and Transmission services inside and outside a Electrical Substation. (ILO2, ILO3)		
		2	analyze, inspect, report and understand the basic principles of construction, maintenance and testing a transformer. (ILO1, ILO2, ILO4)		
		3	analyze, inspect, report and understand the basic principles of construction, maintenance and testing a circuit breaker. (ILO1, ILO2, ILO4)		
		4	analyze, inspect, report and understand the basic principles of construction, maintenance and testing a relay. (ILO1, ILO2, ILO4)		
APSB 107	Substation-Electrician VII	1	understand abatement strategies with hazardous materials in the power utility industry including an understanding of protocols for a HAZCOM program. (ILO2, ILO3)		
		2	analyze, inspect, trouble-shoot and understand the basic principles of construction, maintenance and testing a circuit breaker. (ILO2, ILO3)		
		3	analyze, inspect, trouble-shoot and understand the basic principles of construction, maintenance and testing a relay. (ILO2, ILO3)		
		4	analyze, inspect, trouble-shoot and understand the basic principles of construction, maintenance and testing a D/C battery system. (ILO2, ILO3)		
APSB 108	Substation-Electrician VIII	1	understand abatement strategies with hazardous materials in the power utility industry including an understanding of protocols for a HAZCOM program. (ILO2, ILO3)		
		2	analyze, inspect, trouble-shoot and understand the basic principles of construction, maintenance and testing a circuit breaker. (ILO2, ILO3)		
		3	analyze, inspect, trouble-shoot and understand the basic principles of construction, maintenance and testing a relay. (ILO2, ILO3)		
		4	analyze, inspect, trouble-shoot and understand the basic principles of construction, maintenance and testing a D/C battery system. (ILO2, ILO3)		
APSC 105	SCADA/Telecommunications Technician V	1	understand communication circuit types and speeds. (ILO2, ILO3)		
		2	identify the different supervisory and data acquisition (SCADA) equipment, protocols and diagnostic tools. (ILO2, ILO3)		
		3	understand the operation of the (SCADA) substation automation, networking, and data collection. (ILO2, ILO3)		
APSC 106	SCADA/Telecommunications Technician VI	1	understand T1 multiplexers theory and principles of operation, test equipment, and diagnostic tools. (ILO2, ILO3)		
		2	identify the different telephony systems, test equipment, and diagnostic tools. (ILO2, ILO3)		
		3	understand fiber infrastructure wavelengths, types of fiber cable, proper handling, fiber splicing, test equipment, and diagnostic tools. (ILO2, ILO3)		
APSC 107	SCADA/Telecommunications Technician VII	1	understand SONET (Synchronous Optical NETWORKS) basic theory, bandwidth, network management systems, test equipment, and diagnostic tools. (ILO2, ILO3)		
		2	identify the different intertie metering equipment, theory, classes, test equipment, and diagnostic tools. (ILO2, ILO3)		
		3	understand voice radio frequency RF theory, antenna types, radio frequency safety, test equipment, and diagnostic tools. (ILO2, ILO3)		
APSC 108	SCADA/Telecommunications Technician VIII	1	understand microwave radio networks, frequency spectrum, antenna types, wave propagation, network management systems, test equipment, and diagnostic tools. (ILO2, ILO3)		

		2 identify other safety practices and procedures such as requesting a line, protection communication circuit, meter outage, plus PPE requirements. (ILO2, ILO3)		
		3 understand electronic security such as video surveillance, cameras and DVR's, and bandwidth requirements. (ILO2, ILO3)		
APTL 105	Telecommunications Technician V	1 recognize communication circuit types & speeds. (ILO2, ILO3)		
		2 understand supervisory control and data acquisition (SCADA. (ILO2, ILO3)		
		3 understand SCADA substation automation. (ILO2, ILO3)		
		4 understand modern protocol, human machine interface, and configuration/networking. (ILO2, ILO3)		
APTL 106	Telecommunications Technician VI	1 understand the theory of multiplexing including the principles of operation and types of redundancy. (ILO2, ILO3)		
		2 understand telephone system infrastructures/wiring color codes. (ILO2, ILO3)		
		3 understand wavelengths and their characteristics, laser, LEDs; types of fiber optic single mode properties, and multimode properties. (ILO2, ILO3)		
		4 understand the operation of test equipment - Power Meter and OTDR Testing, Troubleshooting & Verification. (ILO2, ILO3)		
APTL 107	Telecommunications Technician VII	1 understand SONET (Synchronous Optical NET-works). (ILO2, ILO3)		
		2 understand intertie metering including the use of test equipment and diagnostic tools including protocol test set, meter configuration software, WECO-20 meter test board and PowerMate meter test set. (ILO2, ILO3)		
		3 understand antenna types and (VSWR) voltage standing wave ratio. (ILO2, ILO3)		
		4 understand radio frequency safety; test equipment and diagnostic tools including RF monitor, power meter and spectrum analyzer. (ILO2, ILO3)		
APTL 108	Telecommunications Technician VIII	1 understand microwave radio principles. (ILO2, ILO3)		
		2 use test equipment and diagnostic tools to interpret microwave radio frequency safety. (ILO2, ILO3)		
		3 understand substation work safety procedures including interpreting PPE requirements. (ILO2, ILO3)		
		4 understand bandwidth requirements and availability of voice traffic/call detail recording. (ILO2, ILO3)		
APPRENTICESHIP: CONTROL OPERATOR CERT		1 Students will receive positive apprentice evaluations on coursework, safety practices, and curriculum applications.	Fall 21	
		2 Students will be prepared to take the senior apprentice certification at the completion of one half of the program (ELTT 101-104) and the completion of 4,000 of the on-the-job training hours.	Fall 21	
		3 Students will be prepared through the completion of classroom instruction and 8,000 of the on-the-job training hours to successfully pass the State of California journeyman examination and receive the journeyman certification.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
APPRENTICESHIP: ELECTRICIAN A.S. and CERT		1 Students will receive positive apprentice evaluations on coursework, safety practices, and curriculum applications.	Fall 21	
		2 Students will be prepared to take the senior apprentice certification at the completion of one half of the program (ELTT 101-104) and the completion of 4,000 of the on-the-job training hours.	Fall 21	

		3 Students will be prepared through the completion of classroom instruction and 8,000 of the on-the-job training hours to successfully pass the State of California journeyman examination and receive the journeyman certification.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
APPRENTICESHIP: GENERATION MECHANIC A.S. and CERT	1	Students will receive positive apprentice evaluations on coursework, safety practices, and curriculum applications.	Fall 21	
	2	Students will be prepared to take the senior apprentice certification at the completion of one half of the program (ELTT 101-104) and the completion of 4,000 of the on-the-job training hours.	Fall 21	
	3	Students will be prepared through the completion of classroom instruction and 8,000 of the on-the-job training hours to successfully pass the State of California journeyman examination and receive the journeyman certification.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
APPRENTICESHIP: HYDRO OPERATOR CERT	1	Students will receive positive apprentice evaluations on coursework, safety practices, and curriculum applications.	Fall 21	
	2	Students will be prepared to take the senior apprentice certification at the completion of one half of the program (ELTT 101-104) and the completion of 4,000 of the on-the-job training hours.	Fall 21	
	3	Students will be prepared through the completion of classroom instruction and 8,000 of the on-the-job training hours to successfully pass the State of California journeyman examination and receive the journeyman certification.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
APPRENTICESHIP: INSTRUMENT TECHNICIAN CERT	1	Students will receive positive apprentice evaluations on coursework, safety practices, and curriculum applications.	Fall 21	
	2	Students will be prepared to take the senior apprentice certification at the completion of one half of the program (ELTT 101-104) and the completion of 4,000 of the on-the-job training hours.	Fall 21	
	3	Students will be prepared through the completion of classroom instruction and 8,000 of the on-the-job training hours to successfully pass the State of California journeyman examination and receive the journeyman certification.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
APPRENTICESHIP: METER TECHNICIAN A.S. and CERT	1	Students will receive positive apprentice evaluations on coursework, safety practices, and curriculum applications.	Fall 21	
	2	Students will be prepared to take the senior apprentice certification at the completion of one half of the program (ELTT 101-104) and the completion of 4,000 of the on-the-job training hours.	Fall 21	
	3	Students will be prepared through the completion of classroom instruction and 8,000 of the on-the-job training hours to successfully pass the State of California journeyman examination and receive the journeyman certification.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	

APPRENTICESHIP: POWER LINEMAN - A.S. and CERT	1	Students will receive positive apprentice evaluations on coursework, safety practices, and curriculum applications.	Fall 21	
	2	Students will be prepared to take the senior apprentice certification at the completion of one half of the program (ELTT 101-104) and the completion of 4,000 of the on-the-job training hours.	Fall 21	
	3	Students will be prepared through the completion of classroom instruction and 8,000 of the on-the-job training hours to successfully pass the State of California journeyman examination and receive the journeyman certification.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
APPRENTICESHIP: RELAYS TECH - A.S. and CERT	1	Students will receive positive apprentice evaluations on coursework, safety practices, and curriculum applications.	Fall 21	
	2	Students will be prepared to take the senior apprentice certification at the completion of one half of the program (ELTT 101-104) and the completion of 4,000 of the on-the-job training hours.	Fall 21	
	3	Students will be prepared through the completion of classroom instruction and 8,000 of the on-the-job training hours to successfully pass the State of California journeyman examination and receive the journeyman certification.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
APPRENTICESHIP: SCADA/TELECOMMUNICATIONS TECHNICIAN A.S. and CERT	1	Students will receive positive apprentice evaluations on coursework, safety practices, and curriculum applications.	Fall 21	
	2	Students will be prepared to take the senior apprentice certification at the completion of one half of the program (ELTT 101-104) and the completion of 4,000 of the on-the-job training hours.	Fall 21	
	3	Students will be prepared through the completion of classroom instruction and 8,000 of the on-the-job training hours to successfully pass the State of California journeyman examination and receive the journeyman certification.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
APPRENTICESHIP: SUBSTATION-ELECTRICIAN A.S. and CERT	1	Students will receive positive apprentice evaluations on coursework, safety practices, and curriculum applications.	Fall 21	
	2	Students will be prepared to take the senior apprentice certification at the completion of one half of the program (ELTT 101-104) and the completion of 4,000 of the on-the-job training hours.	Fall 21	
	3	Students will be prepared through the completion of classroom instruction and 8,000 of the on-the-job training hours to successfully pass the State of California journeyman examination and receive the journeyman certification.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
APPRENTICESHIP: TELECOMMUNICATIONS TECHNICIAN CERT	1	Students will receive positive apprentice evaluations on coursework, safety practices, and curriculum applications.	Fall 21	
	2	Students will be prepared to take the senior apprentice certification at the completion of one half of the program (ELTT 101-104) and the completion of 4,000 of the on-the-job training hours.	Fall 21	

		3 Students will be prepared through the completion of classroom instruction and 8,000 of the on-the-job training hours to successfully pass the State of California journeyman examination and receive the journeyman certification.	Fall 21	
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**EWD - ITEC Department (Jose Velasquez) (ACR, AU T, BLDC, ELTR, EWIR, RNEW, WELD, WT)**

ACR 101	Air Conditioning and Refrigeration Systems	1 Perform a standing pressure test on a vessel using dry nitrogen. (ILO1,ILO2,ILO3,ILO4,ILO5)	F20	
		2 Make connections with copper tubing using both low-temperature solder and high-temperature brazing material. (ILO1, ILO2, ILO3,ILO4)	F20	
		3 Perform a deep vacuum test using a high-quality vacuum pump and an electronic vacuum gage. (ILO1,ILO2,ILO3,ILO4)	F20	Fall 2018
ACR 102	Residential Air Conditioning Systems	1 Take wet-blub and dry-blub temperature readings, determine relative humidity from the psychrometric chart, and use this information to determine the level of confort from the ASHREA generalized comfort chart. ( ILO2, ILO3, ILO4, ILO5)	S20	Spring 2018
		2 To identify and describe various components in a typical air-conditioning system. (ILO1, ILO2, ILO3, ILO4, ILO5)	S20	
		3 Check out components of an air-conditioning system for an orderly system start-up, one component at a time, and check each one to insure that it is operating correctly. (ILO1,ILO2,ILO3,ILO4)	S20	
ACR 103	Air Conditioning Electrical Circuits and Controls	1 Make current, voltage, and resistance readings. You will also determine the current, voltage, and resistance of a circuit using Ohm's Law.(ILO2,ILO3,ILO4,ILO5)	S21	
		2 Follow the circuit in a typical electric air-conditioning system and check the amperage in a low-voltage circuit.(ILO2,ILO3,ILO5)	S21	
		3 Make voltage and amperage readings on actual operating equipment using a VOM. You will be able to do this under the supervision of your instructor.(ILO2,ILO3,ILO4,ILO5)	S21	
ACR 104	Air Conditioning Heating Systems	1 troubleshoot and electrical problem with the changing from cool to heat. (ILO1, ILO2, ILO3, ILO4)	F20	Fall 2018
		2 be familiar with the components in an electric heating system and will be able to list the specifications for these components. (ILO1, ILO2, ILO3, ILO4)	F20	
		3 identify and describe the typical components in an air-to-air heat pump system. (ILO1, ILO2, ILO3, ILO4)	F20	
ACR 105	Heat Load Calculation & Measurements	1 use a duct chart to evaluate the duct size on a simple residential or commercial duct system for adequate airflow in heating or cooling cycles. (ILO2,ILO3,ILO4)	F20	
		2 use basic airflow measuring instruments to measure airflow from registers and grilles.(ILO2,ILO3,ILO4)	F20	Fall 2018
ACR 106	Air Conditioning Ventilation Duct Systems	1 cut and form a simple layout pattern for a galvanized sheet metal air conditioning square air duct.(ILO1, ILO2, ILO3, ILO4)	F20	Fall 2018
		2 cut and form a simple layout pattern for a galvanized sheet metal air conditioning S Offsets air duct.(ILO1, ILO2, ILO3, ILO4)	F20	
		3 cut and form a simple layout pattern for a galvanized sheet metal air conditioning Square-to-Rounds air duct.(ILO1, ILO2, ILO3, ILO4)	F20	
AU T 075	Basic Shop Skills	1 Identify and locate the most important parts of a vehicle. (ILO1, ILO4)	F21	
		2 Identify common automotive handtools. (ILO1, ILO3, ILO4)	F21	
		3 Select the right tool for a given job. (ILO1, ILO3, ILO4)	F21	
AU T 085	Automotive Maintenance and Repair	1 Explain the interaction of automotive systems. ILO1, ILO3, ILO4.	F21	
		2 Describe the purpose of the fundamental automotive system. ILO1, ILO3, ILO4.	F21	
		3 Describe the type of skills needed to be an auto technician. ILO1, ILO3, ILO4.	F21	

AU T 110	Engine Technology	1	Identify and interpret engine concerns; determined necessary action ILO1,ILO2,ILO3	F21	
		2	Perform cylinder cranking and running compression test; determined necessary action. ILO1,ILO2,ILO3	F21	Fall 19
		3	Remove cylinder head; inspect gasket condition; install cylinder head and gasket; tighten according to manufacturer's specifications and procedures. ILO1,ILO2,ILO3	F21	
		4	Disassemble engine block; clean and prepare components for inspection and reassembly. ILO1,ILO2,ILO3	F21	
AU T 120	Automotive Machine Shop	1	Describe engine size measurements based on bore, stroke, displacement, and number of cylinders. ISLO1, ISLO2, ISLO4.		
		2	Explain engine compression and how it affects engine performance. ISLO1, ISLO2, ISLO4.		
		3	Explain engine torque and horsepower ratings. ISLO1, ISLO2, ISLO3, ISLO4.		
		4	Explain volumetric efficiency, thermal efficiency, mechanical efficiency, and total engine efficiency. ISLO1, ISLO2, ISLO4.		
AU T 122	High Performance Engine Blueprinting I	1	Describe safety practices to be followed when performing engine service. (ILO1, ILO2, ILO3)		
		2	Explain how to measure cylinder and piston wear. (ILO1, ILO2)		
		3	Identify and interpret engine top end, and engine blueprinting system concern; determine necessary action. (ILO1, ILO2)		
		4	Create an engine layout to determine engine components needed to repair with modern engine equipment. (ILO2)		
AU T 125	Automotive Brakes	1	Identify and interpret brake system concern; determine necessary action. SLO1, SLO2, SLO3.	F21	
		2	Diagnose pressure concerns in the brake system using hydraulic principles. (Pascal's Law) SLO1, SLO2, SLO3.	F21	
		3	Diagnose poor stopping, noise, vibration, pulling, graving, dragging or pedal pulsation concerns; determine necessary action. SLO1, SLO2, SLO3	F21	
		4	Identify and inspect electronic brake control systems components; determine necessary action. SLO1, SLO2, SLO3.	F21	
AU T 130	Automotive Electronics I	1	Identify and interpret electrical/electronic system concern; determine necessary action. ILO1, ILO2, ILO3.	S20	Spring 2018
		2	Use wiring diagrams during diagnosis of electrical circuit problems. ILO1, ILO2, ILO3.	S20	Spring 2019
		3	Demonstrate the proper use of a digital multimeter (DMM) during diagnosis of electrical circuit problems, including; source voltage, voltage drop, current flow, and resistance. ILO1, ILO2, ILO3.	S20	
AU T 135	Automotive Techniques and Applications	1	Identify the major parts of an automotive brake system. ILO1, ILO3, ILO4.	F21	
		2	Explain the operating principles of steering systems. ILO1, ILO3, ILO4.	F21	
		3	Perform fundamental electrical test. ILO1, ILO3, ILO4.	F21	
AU T 140	Diesel Engine Maintenance and Repair	1	Identify the differences between a: natural aspirated engine and a manifold boosted engine. (ILO1, ILO2, ILO3)	F21	
		2	Explain how energy of the fuels is converted to kinetic energy. (ILO1, ILO2)	F21	
		3	Explain engine torque, horsepower, and rating for diesel engines. (ILO1, ILO2, ILO3)	F21	
		4	Explain volumetric efficiency, thermal efficiency, and total engine power. (ILO1, ILO2, ILO3)	F21	
		5	Define the terms that describe basic diesel engine operation. (ILO1, ILO2, ILO3)	F21	
AU T 150	Automotive Electronics II	1	Describe the action of basic electric circuits. ILO1, ILO3, ILO4	F21	
		2	Compare voltage, current, and resistance. ILO1, ILO3, ILO4	F21	

		3 Explain different kinds of automotive wiring. ILO1, ILO3, ILO4	F21	
		4 Perform fundamental electrical tests. ILO1, ILO3, ILO4	F21	
AU T 155	Suspension & Wheel Alignment	1 Identify and interpret suspension and steering system concerns; determined necessary action. (ILO1, ILO2, ILO3)	S20	Spring 19
		2 Diagnose steering column noises, looseness, and binding concerns (including tilt mechanisms); determine necessary action. (ILO1, ILO2, ILO3)	S20	Spring 19
		3 Inspect, remove, and replace shock absorbers. (ILO1, ILO2, ILO3)	S20	
		4 Inspect tire condition; identify tire wear patterns; check and adjust air pressure; determine necessary action. (ILO1, ILO2, ILO3)	S20	
AU T 160	Engine Performance Tune-Up	1 Identify and interpret engine performance concern; determined necessary action (ILO1,ILO2,ILO3)	F20	
		2 Retrieve and record diagnostic trouble codes, OBD monitor status, and freeze and frame data; clear codes when applicable (ILO1,ILO2,ILO3)	F20	Fall 19
		3 Diagnose emissions or driveability concerns without store diagnostic trouble codes; determined necessary action (ILO1,ILO2,ILO3)	F20	Fall 19
AU T 165	Diesel Preventive Maintenance And Inspection	1 Explain how to set up a diesel preventive maintenance inspection program. (ILO1, ILO2, ILO3)	S21	
		2 Explain how to set up a daily walk around inspection for diesel units. (ILO1, ILO2, ILO3)	S21	
		3 Describe the proper steps for preparing the diesel equipment for short and long term stationary storage. (ILO1, ILO2, ILO3, ILO4)	S21	
		4 Describe the use of troubleshooting charts and service information to pinpoint the source of system problems. (ILO1, ILO2, ILO3, ILO4)	S21	
AU T 170	Engine Diagnosis and Repair	1 Research applicable vehicle and service information such as engine management system operation, vehicle service history, service precautions, and service technical bulletins. (ILO1, ILO2, ILO3)	S20	Spring 18
		2 Locate and interpret vehicle and major component identification numbers. (ILO1, ILO2, ILO3)	S20	Spring 19
		3 Check for module communication (including CAN/BUS systems) errors using a scan tool. (ILO1, ILO2, ILO3)	S20	
AU T 180	Manual Transmissions and Power Trains	1 Identify and interpret drive train concerns; determine necessary action. (ILO1, ILO2, ILO3)	S20	
		2 Diagnose clutch noise, binding, slippage, pulsation, and chatter; determine necessary action. (ILO1, ILO2, ILO3)	S20	
		3 Remove and reinstall transmission/transaxle. (ILO1, ILO2, ILO3)	S20	Spring 19
		4 Diagnose constant-velocity (CV) joint noise and vibration concerns; determine necessary action. (ILO1, ILO2, ILO3)	S20	
AU T 210	Automotive Air Conditioning	1 Identify and interpret heating and air conditioning concern; determined necessary action. ILO1,ILO2,ILO3	F20	
		2 Perform A/C system test; identify A/C system malfunctions. ILO1,ILO2,ILO3.	F20	
		3 Diagnose A/C system conditions that cause the protection devices to interrupt system operation. ILO1,ILO2,ILO3.	F20	Fall 19
AU T 220	Mechanical Automatic Transmissions	1 Diagnose fluid loss and condition concerns; check fluid level in transmissions with and without dipstick; determine necessary action. (ILO1, ILO2, ILO3)	S21	
		2 Inspect and replace external seals, gaskets, and bushings. (ILO1, ILO2, ILO3)	S21	Spring 19
		3 Disassemble, clean, and inspect transmission/transaxle. (ILO1, ILO2, ILO3)	S21	
		4 Assemble transmission/transaxle. (ILO1, ILO2, ILO3)	S21	

AU T 230	Emissions Control & Computer Systems	1 Diagnose the causes of emissions or driveability concerns with store or active diagnostic trouble codes; obtain graph, and interpret scan tool data. ILO1,ILO2,ILO3.	S21	Spring 18
		2 Access and use service information to perform step-by-step diagnosis. ILO1,ILO2,ILO3.	S21	
		3 Inspect and test ignition primary and secondary circuit wiring and solid state components; perform necessary action. ILO1,ILO2,ILO3.	S21	
AU T 231	Auto Emission Control System	1 Use advance diagnostic techniques to trouble-shoot difficult problems. ILO1, ILO3, ILO4.	When Offered	Not offered since Fall 2012 on COR...delete via dept.
		2 Use scan-tool snapshot and datastream values to find problems not tripping trouble codes. ILO1, ILO3, ILO4.	When Offered	
		3 Define the fundamental terms relating to automotive emission control. ILO1, ILO3, ILO4, ILO5.	When Offered	
		4 Explain the sources of air pollution. ILO1, ILO3, ILO4, ILO5.	When Offered	
AU T 235	Auto Electrical/Electronic Instruments	1 Identify and interpret Electrical/ Electronic systems concern; determine necessary action. (ILO1, ILO2, ILO3)	When Offered	Not offered since Spring 2015 on COR...delete via dept.
		2 Diagnose electrical/electronic integrity of series, parallel and serie-parallel circuits using principles of electricity (OHM's law). (ILO1, ILO2, ILO3)	When Offered	
		3 Demonstrate the proper use of a digital multimeter during diagnosis of electrical circuit problems, including: source voltage, voltage drop, current flow, and resistance. (ILO1, ILO2, ILO3)	When Offered	
AU T 240	Diesel Engine Tune-Up	1 describe the typical difference between a minor tune-up and major tune-up for diesel engines. (ILO1, ILO2, ILO3)	S21	
		2 identify all the steps or procedures to perform a diesel engine tune-up. (ILO1, ILO2, ILO3)	S21	
		3 remove and reinstall different types of diesel pumps and injectors. (ILO1, ILO2, ILO3)	S21	
		4 test, service and analyze the fuel system and electrical circuits. (ILO1, ILO2, ILO3)	S21	
AU T 250	Electronic Automatic Transmissions	1 Identify and interpret transmission/ transaxle concerns; determine necessary action. (ILO1, ILO2, ILO3, ILO4)	When Offered	Not offered for over five years.... on COR...delete via dept.
		2 Perform pressure tests (including transmissions/transaxles equipped) with electronic pressure control. Determine necessary action. (ILO1, ILO2, ILO3, ILO4)	When Offered	
		3 Perform lock-up converter system tests; determine necessary action. (ILO1, ILO2, ILO3, ILO4)	When Offered	
		4 Remove and reinstall transmission/transaxle and torque converter; Inspect engine core plug rear crankshaft, dowel pins and mating surfaces. (ILO1, ILO2, ILO3, ILO4)	When Offered	
AU T 285	Alternative Fuels for Diesel Engines	1 Describe the characteristics of biodiesel fuel. (ILO1, ILO2, ILO3)	When Offered	Not offered since Spring 2018.... on COR...delete via dept.
		2 Identify some of the advantages and disadvantages of alcohol-based fuels used in commercial and farm equipment. (ILO1, ILO2, ILO3)	When Offered	
		3 Explain the reasons why hydrogen may become the fuel of the future. (ILO1, ILO2, ILO4, ILO3)	When Offered	

		4 Identify alternative fuels for diesel engines, commercial units, and farm equipment. (ILO1, ILO2, ILO3)	When Offered	
BLDC 101	Safety Standards (Cal/OSHA) 30-Hour Card	1 Understand the appropriate use of personal protective equipment depending on job to be performed. (ILO1)	F21	Fall 2018
		2 Understand the purpose of lockout and tagout of equipment. (ILO1, ILO2)	F21	Fall 2018
		3 Analyze and understand the purpose of keeping an MSDS at the jobsite. (ILO1, ILO2, ILO5)	F21	Fall 2018
BLDC 110	Construction Blueprints, Specifications, Measurements, and Codes	1 Identify four blueprint symbols and learn their meaning and usage in blueprints. (ILO2, ILO3)	F21	Fall 2017
		2 Compare the identified symbols to symbols used in other countries in order to understand symbol standardization in the world. (ILO5, ILO4)	F21	Fall 2017
		3 Measure a linear dimension using an architect scale to be able to interpret the actual measurement according to the scale being used. (ILO1, ILO2, ILO3)	F21	Fall 2018
BLDC 130	Carpentry Layout and Framing	1 Accurately will translate the framing detail from the blueprints to the bottom and top plates in order to erect a wall with proper rough openings. (ILO1, ILO2)	S21	Spring 18
		2 Analyze a single story floor plan to quantify the lumber necessary to erect all the exterior walls. (ILO1, ILO2)	S21	Spring 18
		3 Demonstrate two techniques of squaring a wall or a room prior to loading the structure with the roof framing. (ILO2, ILO3, ILO4)	S21	Spring 18
		4 Demonstrate the ability to determine the slope of a roof using a one foot level and a measuring tape. (ILO1, ILO2, ILO3)	S21	Spring 18
BLDC 135	Residential Plumbing Applications	1 Understand and explain the water hammer effect in water distribution systems. (ILO1, ILO2)	F21	Fall 18
		2 Determine head pressure and be able to convert head pressure into P.S.I. (ILO2, ILO3)	F21	Fall 18
		3 Explain and understand the importance of having vents in dwv systems. (ILO1, ILO5)	F21	Fall 18
BLDC 140	Building Construction Methods & Materials	1 Describe techniques that may be used to guard against termite damage, including termite shields, treated lumber, and poisoning the soil around the structure. (ILO1, ILO2)	S21	Spring 18
		2 Describe the proper procedures that can be used to attach a sill to a foundation wall. (ILO1, ILO2, ILO4)	S21	Spring 18
		3 Demonstrate and understand the rule of thumb to determine the size of beams in relation to the rough opening needed for support in a structure. (ILO2, ILO3)	S21	Spring 18
BLDC 145	Concrete Formwork, Layout, & Setting	1 Identify all the ingredients in concrete in order to analyze and understand the ratio in the mixture of concrete. (ILO2, ILO3)	F21	Fall 18
		2 Compare tensile strength versus compressive strength in order to analyze and understand their relation and interaction under pressure. (ILO2, ILO4, ILO5)	F21	
		3 Students will create a layout with mason's line analyze it and test it for squareness. (ILO1, ILO2, ILO3)	F21	
BLDC 150	Carpentry Methods, Materials, and Tools	1 Construct a 2X4X10 standard wall in accordance with the California Building Code and the California Building Standards Commission under chapter 23 Section 2308. (ILO1, ILO2, ILO3, ILO4)	F21	
		2 Different angles on a pivot square will be analyzed and transferred onto a 2X4 with a pencil line in order to cut a piece of lumber safely using OSHA standards. (ILO1, ILO2, ILO3)	F21	

		3 Create a wall with three rough openings of different sizes and be able to determine the right size of the header for each rough opening. (ILO1, ILO2, ILO3)	F21	
		4 Determine the slope and ratio of rise and run of a roof by checking with a level. (ILO2, ILO5)	F21	
BLDC 180	Building Planning and Cost Estimation	1 Identify and Describe the purpose of a fair cost estimate.(ILO1,ILO2	S21	Spring 18
		2 Identify and describe the advantages and disadvantages of a joint venture.(ILO1,ILO2)	S21	Spring 18
		3 Analyze and describe the advantages of value engineering in a large project..(ILO2,ILO3)	S21	Spring 18
BLDC 185	Concrete Footings, Flatwork, and Detail Work	1 Analyze and compare tensile strength and compressive strength in order to understand thier reaction under pressure.(ILO1,ILO2)	S21	
		2 Determine water content of concrete by performing a slump test.(ILO2)	S21	
		3 Identify all the ingredients in concrete in order to understand the different ratios for mixing concrete with various strengths.(ILO1,ILO2,ILO3)	S21	
		4 Create a detail material estimate for pouring a foundation based on the square feet, while using the formula $L \times W \times D / 27 = \text{Cubic Yards.}$ (ILO1,ILO2)	S21	
BLDC 190	Carpentry Trim/Detail Work	1 Recognize and install the proper trim in the proper place according to general construction trade standards, with gaps not greater than 1/16' of an inch.(ILO1,ILO2,ILO3)	F21	
		2 Analyze and describe the different angles used to join baseboard,casing and crown moulding.(ILO1,ILO2,ILO5)	F21	
		3 Describe how door frames and casings are installed.(ILO1,ILO2)	F21	
ELTR 120	Electronic Devices	1 Familiarize with Resistive AC circuits and their basic formulas. (ILO2, ILO4)		
		2 Describe the function of Inductors in DC and AC circuits using their voltage and current equations. (ILO2, ILO4)	F20	Fall 17
		3 Analyze series RL circuits and obtain their respective behavior equations. (ILO2, ILO4, ILO5)	F20	
		4 Construct, test and troubleshoot various series circuits using Resistors, Inductors, and Capacitors. (ILO2, ILO4, ILO5)	F20	Fall 17
ELTR 140	Electronic Circuits & Semiconductors	1 Analyze AC circuits. (ILO2, ILO4)	F21	
		2 Describe the functions of Capacitors and Inductors. (ILO2, ILO4)	F21	
		3 Analyze RC, RI, and RLC circuits and obtain their respective equations. (ILO2, ILO4)	F21	
		4 Construct, Test, and Troubleshoot various RC, RL, and RLC circuits. (ILO2, ILO4)	F21	
ELTR 220	Digital Instrumentation Measurements	1 Describe the functions of Operational Amplifiers in different configurations. (ILO2, ILO4, ILO5)	F20	
		2 Analyze Instrumentation Circuits with Operational Amplifiers with different types of sensors. (ILO2, ILO4, ILO5)	F20	Fall 17
		3 Construct, Test, and troubleshoot various instrumentation circuits using Op-Amps and A/D converters. (ILO2, ILO4, ILO5)	F20	
		4 Write and design software programs based on microcontrollers for measuring various physical variables. (ILO2, ILO4, ILO5)	F20	
ELTR 240	Digital Logic Circuits (This	1 Familiarize with Number Systems and Conversion Methods. ILO2, ILO4, ILO5.		

	course will not be offered anymore because it's not part of any certificate )	2 Describe the functions of Logic Gates and reduction techniques using Boolean Algebra and Karnaugh Maps. ILO2, ILO4, ILO5.		
		3 Analyze Truth tables and obtain their respective logic equation and digital circuit. ILO2, ILO4, ILO5.		
		4 Construct, test and troubleshoot various sequential circuits using Flip-Flops, counters, PLDs, and microcontrollers. ILO2, ILO4, ILO5.		
		5 Write software programs for embedded processors, and test them using proto boards. ILO2, ILO4, ILO5.		
ELTT 101	Electrical Trades I	1 understand basic math as it pertains to basic electricity. (ILO2, ILO3)		
		2 understand ohms law, series and parallel circuits, also combination circuits. (ILO2, ILO3)		
		3 understand basic electromagnetic theory which will include magnetism, field strength, motor action and definition of electromagnetism. (ILO2, ILO3)		
		4 understand basic motors and generators. (ILO2, ILO3)		
ELTT 102	Electrical Trades II	1 understand transformer construction and parts in a distribution transformer. (ILO2, ILO3)		
		2 understand three phase transformers and different types of three phase circuits and connections. (ILO2, ILO3)		
		3 understand inductive reactance, capacitive reactance and impedance. (ILO2, ILO3)		
		4 understand basic power distribution/power grids. (ILO2, ILO3)		
ELTT 103	Electrical Trades III	1 understand industry rules, regulations, and safety standards. (ILO1, ILO2, ILO3)		
		2 describe the various parts of a distribution power pole including but not limited to crossarms, deadend arms, insulators, transformers, and down guys. (ILO2, ILO3)		
		3 understand the function of overhead transformers including three phase hookups, analyze transformer construction, and discuss application to Imperial Irrigation District standards and the utility industry. (ILO2, ILO3)		
		4 understand underground primary voltage connections including; 600 amp tee bodies, 200 amp elbows, and quick terms used in transitioning from underground to overhead feeds. (ILO2, ILO3)		
ELTT 104	Electrical Trades IV	1 understand industry rules, regulations, and safety standards. (ILO2, ILO3)		
		2 understand line trucks, derricks, digging equipment, and bucket trucks, there uses, and safety when using equipment. (ILO2, ILO3)		
		3 understand and describe the overhead distribution system including delta and wye connections, cutouts, switches, reclosers, sectionalizers, capacitors, and voltage regulators. (ILO1, ILO2, ILO3)		
		4 understand the various troubleshooting techniques on underground and overhead transformers, and cable fault location. (ILO2, ILO3)		
EWIR 110	Electrical Principles	1 Describe conditions likely to affect severity of electrical shock while maintaining safety during installation. (ILO1, ILO2, ILO3, ILO4)	S21	
		2 Define and explain the difference between direct current and alternating current. (ILO2, ILO4)	S21	
		3 Apply the basic power formula to power, voltage, and current. (ILO2, ILO3, ILO4)	S21	
		4 Select essential tools for residential wiring and be able to discuss basic principles of tool use and care. (ILO2, ILO3)	S21	Spring19

EWIR 115	Electrical Wiring and Protection	1	Recognize the different conductor systems used in residential and light commercial wiring in accordance with the codes and authorities for installation. (ILO1, ILO2, ILO4)	S21	Spring 18
		2	Use the NEC to adjust conductor ampacity based on ambient temperature and number of conductors of raceway systems. (ILO2, ILO4)	S21	Spring 18
		3	Explain the causes of overcurrent conditions and describe electrical circuit overcurrent protective devices (OCPDs). (ILO1, ILO2, ILO3, ILO4, ILO5)	S21	Spring 18
		4	List the components of the service entrance, service drop clearances specified in the NEC, and eight basic guidelines when locating a residential service entrance. (ILO2, ILO4, ILO5)	S21	
EWIR 125	Electrical Feeder Service & Circuits	1	Learn the four common box shapes, how to remove knockouts and pryout, mounting systems, and connectors that fasten wiring to boxes. (ILO1, ILO3, ILO4)	F21	Fall 18
		2	Discuss the rating systems for Overcurrent protective devices, equipment grounding, the operation of ground-fault circuit interrupters and arc-fault circuit interrupters. (ILO1, ILO2, ILO3, ILO4)	F21	Fall 18
		3	Learn the four common box shapes, how to remove knockouts and pryout, mounting systems, and connectors that fasten wiring to boxes. (ILO1, ILO3, ILO4)	F21	Fall 18
		4	Discuss the rating systems for Overcurrent protective devices, equipment grounding, the operation of ground-fault circuit interrupters and arc-fault circuit interrupters. (ILO1, ILO2, ILO3, ILO4)	F21	
EWIR 135	Electrical Equipment and Special Conditions	1	Design and describe the installation of an electrical power distribution system for a farm, including the loads and circuits required for various farm buildings and operations. (ILO1, ILO2, ILO4)	S22	
		2	Demonstrate familiarity with NEC requirements for mobile home park electric service and wiring, mobile home circuit loads, and code requirements for motorhomes. (ILO1, ILO2, ILO3, ILO4)	S22	
		3	List the rules for bonding metal fixtures and parts around swimming pools, explain grounding requirements for swimming pool wiring, and demonstrate wiring techniques required for the installation and wiring of underwater lighting fixtures. (ILO1, ILO2, ILO3, ILO5)	S22	
		4	Demonstrate wiring techniques for installing telephone and computer cabling in new and existing dwellings, discuss the installation and operation of standby power systems, transfer switches, and uninterruptible power supplies. (ILO1, ILO2, ILO4, ILO5)	S22	
EWIR 151	Solar Electrical Systems ( not being offered any more )	1	understand photovoltaic system wiring, size wires, protection and grounding to NEC standards. (ILO2, ILO3)	S22	
		2	understand grid-tied photovoltaic system, with and without battery. (ILO2, ILO3)	S22	
		3	demonstrate installation safety, maintenance, and troubleshooting. (ILO2, ILO3)	S22	
		4	install photovoltaic systems, mounding and trackers. (ILO2, ILO3)	S22	
RNEW 118	Alternative Energies	1	Describe the operation of Hydropower plants. (ILO1, ILO2)	F21	Fall 18
		2	Explain the different types of combustion turbines. (ILO1, ILO2)	F21	Fall 18
		3	Describe the fundamental blocks of Solar Energy systems and their architecture. (ILO1, ILO2)	F21	Fall 18
		4	Describe the fundamentals of Geothermal, Ocean, Nuclear and Hydrogen Energy systems. (ILO1, ILO2)	F21	

RNEW 150	Solar Energy Systems PV1	1	Identify the laws of solar energy, its effects and understand electrical power generation from solar energy. (ILO2, IL3)	F21	Fall 18
		2	Explain the photovoltaic systems principles, applications, configurations, components, functions and sizing. (ILO1, ILO2)	F21	Fall 18
		3	Understand photovoltaic systems protection, disconnects, grounding, installation, maintenance and troubleshooting utilizing National Electrical Code. (ILO2, ILO3)	F21	Fall 18
RNEW 151	Solar Electrical Systems PV2	1	understand photovoltaic system wiring, size wires, protection and grounding to NEC standards. (ILO2, ILO3)	S22	
		2	understand grid-tied photovoltaic system, with and without battery. (ILO2, ILO3)	S22	
		3	install photovoltaic systems, mounting and trackers. (ILO2, ILO3)	S22	
		4	demonstrate installation safety, maintenance, and troubleshooting. (ILO2, ILO3)	S22	
RNEW 152	Solar Heating (SH) ( not being offered any more)	1	Understand and analyze various factors such as solar water and space heating system design, tank and pipe insulation, automatic controls, related water treatment, conservation, standby and distribution losses. (ILO2, ILO4, ILO5)		
		2	Demonstrate knowledge and Critically evaluate and understand various solar collectors, by defining the operation and efficiency of each system. (ILO1, ILO2)		
		3	Analyze and Identifying proper use of balance of system components and materials. (ILO1, ILO2, ILO5)		
WELD 100	Welding Technology	1	Explain the legal responsibilities of Employers, Supervisors, and Welding Personnel with regard to "Right to Know" OSHA regulations. (ILO1, ILO3)	S21	Spring 18
		2	Explain the hierarchy of "Hazard Control" in a welding environment to include; Hazard Identification, Hazard Elimination, Administrative Controls, Hazard Engineering Controls, and Applicable Personal Protective Equipment (PPE). (ILO1, ILO2, ILO3)	S21	Spring 18
		3	Perform Oxy-Acetylene welding and cutting procedures safely to include; set-up of OFW and OFC equipment. (ILO1, ILO2, ILO3)	S21	Fall 18
		4	Complete a written report based on information gathered from a Technical Literature Review of "Welding Technology and its Many Uses in Our World Economy." (ILO1, ILO4, ILO5)	S21	
		5	Define the physical and mechanical properties of steel and how these are influenced by Shielded Metal Arc Welding (SMAW). (ILO1, ILO2)	S21	
WELD 115	Flux Cored Arc Welding on Plate	1	Explain the legal responsibilities of Employers, Supervisors, and Welding Personnel with regard to "Right to Know" OSHA regulations. (ILO1, ILO3)	F21	Fall 18
		2	Discuss three (3) health Hazards associated with FCAW and discuss appropriate abatement action for these hazards. (ILO1, ILO2, ILO5)	F21	Fall 18
		3	List and explain two (2) shielding methods used in FCAW for a given Welding Procedure Specification (WPS) and explain advantages/disadvantages of these shielding methods. (ILO1, ILO2)	F21	Fall 18
		4	Complete a written report based on information gathered from a Technical Literature Review of "Flux Cored Arc Welding and its Many Uses in Construction and Manufacturing." (ILO1, ILO4)	F21	
		5	Define the physical and mechanical properties of Structural Steel (A-36) and how these are influenced by Flux Cored Arc Welding (FCAW) (ILO1, ILO2)		
WELD 125	Gas Tungsten Arc Welding on Plate	1	Explain the legal responsibilities of Employers, Supervisors, and Welding Personnel with regard to "Right to Know" OSHA regulations. (ILO1, ILO3)	S22	

		2 Explain the "Hierarchy of Hazard Control" in a GTAW welding environment to include; Hazard Identification, Hazard Elimination, Administrative Controls, Engineering Controls, and Personal Protective Equipment. (ILO1, ILO2, ILO3)	S22	
		3 Explain and apply GTAW procedures to include; safe and proper set-up of GTAW welding equipment and correct interpretation of applicable WPS's. (ILO1, ILO2, ILO3)	S22	
		4 Complete a written report based on information gathered from a Technical Literature Review of "Gas Tungsten Arc Welding and its Many Uses in Manufacturing." (ILO1, ILO4)	S22	
		5 Define the physical and mechanical properties of Steel, Stainless Steel, and Aluminum, and how these are influenced by Gas Tungsten Arc Welding (GTAW) (ILO1, ILO2)	S22	
WELD 135	Shielded Metal Arc Welding on Plate	1 Explain the legal responsibilities of Employers, Supervisors, and Welding Personnel with regard to "Right to Know" OSHA regulations. (ILO1, ILO3)	S21	Spring 18
		2 Explain what welding parameters of AWS D1.1 are influenced by the application of the code in Alaska in the Winter as compared to the application of the code in Brazil in the Summer. (ILO1, ILO2, ILO5)	S21	Spring 18
		3 Identify and apply the correct electrode type, electrode size, current setting, polarity, and welding technique for a given Welding Procedure Specification (WPS). (ILO1, ILO2)	S21	
		4 Complete a written report based on information gathered from a Technical Literature Review of "Shielded Metal Arc Welding and its Many Uses in Manufacturing." (ILO1, ILO4)	S21	
		5 Define the physical and mechanical properties of Structural Steel (A-36) and how these are influenced by Shielded Metal Arc Welding (GTAW) (ILO1, ILO2)	S21	
WELD 225	Gas Tungsten Arc Welding on Pipe	1 Explain the legal responsibilities of Employers, Supervisors, and Welding Personnel with regard to "Right to Know" OSHA regulations. (ILO1, ILO3)	S21	Spring 18
		2 Explain and demonstrate pipe joint preparation and lay-out per established WPS's (ILO1, ILO2, ILO3)	S21	Spring 18
		3 Complete a written report based on information gathered from a Technical Literature Review of "Gas Tungsten Arc Welding on Pipe and the API and ASME Section IX welding codes as they are applied in the Construction Industry." (ILO1, ILO4)	S21	Spring 18
		4 Identify, recognize, and safely apply the essential variables associated with pipe and tube welding using the open root technique per the given WPS. (ILO1, ILO2, ILO3)	S21	
		5 Explain three major details and procedures that are common to GTAW as prescribed in the AWS, ASME, and API Pipe Welding Codes. (ILO1, ILO2, ILO4)	S21	
WELD 230	Shielded Metal Arc Welding on Pipe	1 Explain the legal responsibilities of Employers, Supervisors, and Welding Personnel with regard to "Right to Know" OSHA regulations. (ILO1, ILO3)	S21	Spring 18
		2 Explain and demonstrate pipe joint preparation and lay-out per established WPS's (ILO1, ILO2, ILO3)	S21	Spring 18
		3 Identify and apply the correct electrode type, electrode size, current setting, polarity, and welding technique for a given WPS in the 5G position on 6 inch pipe. (ILO1, ILO2, ILO3)	S21	Spring 18
		4 Complete a written report based on information gathered from a Technical Literature Review of "Shielded Metal Arc Welding on Pipe and its Many Uses in Construction." (ILO1, ILO4)	S21	
		5 Explain three major details and procedures that are common to SMAW on as prescribed in the AWS, ASME, and API Welding Codes. (ILO1, ILO2, ILO4)	S21	
WT 105	Computational Procedures Operator I	1 Correctly calculate water treatment plant math problems including chemical dosages, flow rates, volumes, detention times, horsepower and energy costs. (ILO2,ILO3,ILO4)	F21	

		2 Demonstrate basic abilities to identify, troubleshoot and resolve treatment process problems that could compromise the proper water treatment processes as well as involved water related regulations. (ILO1,ILO2,ILO3,ILO4,ILO)	F21	
		3 Identify mathematical methods that can be used to improve the performance of the water treatment plant. (ILO2, ILO3, ILO4)	F21	
WT 110	Water Treatment Plant Operator I	1 Develop knowledge on the physical, chemical, and biological principles of unit processes and operations commonly used in water treatment. (ILO2,ILO3,ILO4)	F21	
		2 Identify the importance of the acquisition of knowledge and skills to required to provide the public with a reliable, and safe water supply.(ILO2,ILO3,ILO4,ILO5)	F21	
		3 Correctly identify the origins, risks and assesments of contaminants in water. (ILO1,ILO2,ILO3,ILO4)	F21	
		4 Recognize the risks associated with chemicals and equipment used in water treatment and will be able to demonstrate the ability to use proper techniques and procedures necessary to protect themselves, co-workers and the public.(ILO1,ILO2,ILO3,ILO4,ILO5)	F21	
WT 130	Wastewater Treatment Operator I	1 Apply scientific methods for the proper wastewater treatment process. (ILO2, ILO3, ILO4)	S22	
		2 Describe fundamental concepts in physics,and microbiology involved in the wastewater treatment process. (ILO1,ILO2, ILO4)	S22	
		3 Interpret and use analytical data to performed operational adjustments as required in the wastewater treatment. (ILO1, ILO2, ILO3, ILO4)	S22	
		4 Use legal/ethical principles in wastewater treatment operational adjustments to satisfy involved regulations. (ILO1, ILO2, ILO3, ILO4, ILO5)	S22	
WT 140	Water Distribution Systems	1 correctly perform basic operational adjustments and calculations for the operation of a water distribution system. (ILO2, ILO3, ILO4)	S22	
		2 state and observe the implied responsibilities related to the operation of the water distribution system. (ILO2, ILO3, ILO4, ILO5)	S22	
		3 analyze water samples laboratory data to perform operational adjustments in the water distribution system. (ILO1, ILO2, ILO3, ILO4)	S22	
		4 feel more confident about their ability to identify cross connections. (ILO1, ILO2, ILO3, ILO4, ILO5)	S22	
WT 150	Wastewater Collection Systems	1 Identify and properly operate each component of a wastewater collection system. (ILO2, ILO3, ILO4)	When Offered	Last offered in Spring 19, still on COR, dept to delete?
		2 Describe and understand importance of standard operating procedures within a wastewater collection system. (ILO2, ILO3, ILO4)	When Offered	
		3 Describe and correctly restore abnormal conditions in a wastewater collection system. (ILO2, ILO3, ILO4)	When Offered	
		4 Identify equipment used during maintenance of wastewater collection system. (ILO4)	When Offered	
WT 205	Computational Procedures Operator II	1 Apply mathematical principles to address and solve problems related to water and wastewater treatment technologies. (ILO2, ILO3, ILO4)	S22	
		2 Enhance treatment systems by interpretation of hydraulic volumes, dimensional analysis, primary and secondary sewage treatment, calculations and chemical dose rates as it relates to water/wastewater technology. (ILO2, ILO3, ILO4)	S22	
		3 Understand and evaluate issues concerning the proper use and distribution of the water natural resources. (ILO1, ILO2, ILO3, ILO4, ILO5)	S22	

		4 Effectively attain grades III/IV/V in both water and wastewater State certifications. (ILO2, ILO4)	S22	
WT 210	Water Treatment Plant Operator II	1 Understand and evaluate issues concerning effective treatment of water. (ILO2, ILO3, ILO4)	S21	
		2 Assume responsibility for water treatment operational changes and work effectively as an individual and as a member of a group. (ILO1, ILO2, ILO3, ILO4)	S21	
		3 Apply ethics and principles to address involved drinking water regulations. (ILO2, ILO3, ILO4, ILO5)	S21	
		4 Analyze, understand, and evaluate diverse ideas, beliefs, and behaviors to develop responsible managerial aptitudes. (ILO2, ILO3)	S21	
WT 230	Wastewater Treatment Operator II	1 Gather and interpret data, using microbiology knowledge and other scientific methods, to address and solve both practical and theoretical problems in the wastewater treatment. (ILO2, ILO3, ILO4)	F21	
		2 Access, interpret, evaluate and apply information using multiple resources, including current information technology for proper wastewater treatment plant operation and maintenance. (ILO1, ILO2, ILO3, ILO4)	F21	
		3 Display and follow safety procedures in the practical aspects of operating and maintaining wastewater treatment plants. (ILO1, ILO2, ILO3, ILO4)	F21	
		4 Analyze and apply mathematical principles to address and solve wastewater operational issues. (ILO2, ILO3, ILO4)	F21	
AIR CONDITIONING AND REFRIGERATION TECHNOLOGY - A.S. and CERT		1 Demonstrate knowledge of OSHA safety practices required for repair and installation of air conditioning and refrigerant equipment.	Fall 21	
		2 Demonstrate and understand practical and manipulative skills related to HVAC/R industry.	Fall 21	
		3 Demonstrate competency and mastery of the body-of-knowledge in employee responsibilities within the HVAC/R industry.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	The completion of course ACR 106 course	
AUTOMOTIVE TECHNOLOGY - A.S. and CERT		1 Describe the purpose of the fundamental automotive systems.	Fall 19	
		2 Describe the type of skills needed to be an auto technician.	Fall 19	
		3 Correctly answer ASE certification test questions that require a knowledge of the major parts and systems of a vehicle.	Fall 19	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
BRAKES, SUSPENSION AND STEERING SPECIALIZATION CERT		1 Identify the major part of an automotive brake system		
		2 Explain the operating principles of steering wheel system	merging with AUT Technology	
		3 Diagnose brake and steering column noises, looseness and binding concerns including tilt mechanisms		
		4 Diagnosis and repair: Disc and drum brakes units		
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
BUILDING CONSTRUCTION TECHNOLOGY - A.S. and CERT		1 Measure and understand linear dimensions on plans using an architect scale to be able to interpret the actual measurement according to the scale being used.	Fall 21	
		2 Perform cost estimates for a construction projects using a local index.	Fall 21	
		3 Understand the relationship between tensile strength and compressive strength to understand how they interact under pressure.	Fall 21	

		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.		
BUILDING CONSTRUCTION TECHNOLOGY: CARPENTRY SPECIALIZATION CERT	1	Identify four blueprint symbols and learn their meaning and usage in blueprints; compare the identified symbols to symbols used in other countries in order to understand symbol standardization in the world; measure a linear dimension using an architect scale to be able to interpret the actual measurement according to the scale being used.	Fall 21	
	2	Create a reliable cost estimate for a construction project in our county based on square footage and compare the same estimate based on labor and material quantities.	Fall 21	
	3	Students will create a layout and analyze it and test it to make sure it is perfectly square.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
BUILDING CONSTRUCTION TECHNOLOGY: CONCRETE MASONRY SPECIALIZATION CERT	1	Calculate the quantities in cubic yards using the following formula $L \times W \times D / 27 =$ cubic yards, to be able to estimate actual quantities and place actual orders.		
	2	Create a reliable cost estimate for a foundation project in our county based on square footage and compare the same estimate based on labor and material quantities.		
	3	Students will create a layout and analyze it and test it to make sure it is perfectly square.		
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
DIESEL FARM MACHINERY AND HEAVY EQUIPMENT TECHNICIAN - CERT	1	The student will be able to demonstrate safe operation of hand tools and equipment.		
	2	The student will be able to identify major agricultural equipment components, construction machines and transportation units.		
	3	The student will be able to diagnose major component failures, recommend repairs, and perform typical major component repairs.		
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
ELECTRICAL TECHNOLOGY - A.S. and CERT	1	Demonstrate knowledge of OSH safety practices required installation and repairs of electrical wiring.	Fall 20	
	2	Use written and verbal communication skills to related trade and technical information for blueprint.	Fall 20	
	3	Understand and demonstrate the necessary skills to become employed in the electrical field.	Fall 20	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
ELECTRICAL TECHNOLOGY: ELECTRICAL WIRING SPECIALIZATION CERT	1	Service and repair electrical appliances, overprotection devices.	Fall 20	
	2	Safety procedures to install and calculate capacities for light system, motors and transformers.	Fall 20	
	3	Internship	Fall 20	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
ELECTRICAL TECHNOLOGY: ELECTRONICS SPECIALIZATION CERT	1	Assembly Electronic Devices with Instrumentation Circuits.	Fall 20	
	2	Identify logic circuits used on computer and audiovisual equipment.	Fall 20	
	3	Take internship opportunities for work experience and job placement	Fall 20	

		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
ELECTRICAL TRADES - A.S. and CERT	1	Demonstrate knowledge of OSH standard safety procedures appropriate to the power utility industry. In addition, the student will use mathematical functions pertaining to percentages, fractions, decimals, weights, measurements, algebraic equations, and fundamentals of geometry applicable to electrical and electronics.		
	2	Describe the functions and characteristic of transmission and distribution system and their components which consist of high voltage AC power, electrical diagrams, safety in the workplace, and a section on rope, rigging and hand signals.		
	3	Demonstrate and understand the basic introduction to framing, setting, guying poles, installation of conductors and grounds and the laying out and constructing of an underground line system.		
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
ELECTRICAL/ELECTRONIC AND AIR CONDITIONING SPECIALIZATION CERT	1	Identify and interpret electrical/electronic system concern; determine necessary action.	Fall 20	
	2	Use wiring diagrams during diagnosis of electrical circuit problems.	Fall 20	
	3	Demonstrate the proper use of a digital multimeter (DMM) during diagnosis of electrical circuit problems.	Fall 20	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
ENGINE PERFORMANCE AND DRIVABILITY SPECIALIZATION CERT	1	Identify and interpret engine performance concern; determined necessary action.	Fall 20	
	2	Retrieve and record diagnostic trouble codes, OBD monitor status, and freeze and frame data; clear codes when applicable.	Fall 20	
	3	Diagnose emissions or driveability concerns without store diagnostic trouble codes; determined necessary action.	Fall 20	
	4	Research applicable vehicle and service information such as engine management system operation, vehicle service history, service precautions, and service technical bulletins.	Fall 20	
	5	Locate and interpret vehicle and major component identification numbers.	Fall 20	
	6	Check for module communication (including CAN/BUS systems) errors using a scan tool.	Fall 20	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
ENGINE REPAIR AND MACHINIST SPECIALIZATION CERT	1	Demonstrate safe operation of hand tools and equipment.	Fall 20	
	2	Identify major machine shop equipment components, construction machines and high power units.	Fall 20	
	3	Diagnose major component failures and recommend repairs.	Fall 20	
	4	Perform typical major component repairs.	Fall 20	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
TRANSMISSION AND POWER TRAIN SPECIALIZATION	1	Demonstrate safe operation of transmission hand tools and shop equipment.	Fall 20	
	2	Identify major transmission shop equipment components, transmission tester dyno, and hydraulic transmission flasher unit.	Fall 20	
	3	Diagnose major components failures and recommended repairs.	Fall 20	

		4 Perform typical major components.	Fall 20	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
WATER TREATMENT SYSTEMS TECHNOLOGY		1 Interpret and use analytical data to perform operational adjustments.	Fall 21	
		2 Assume responsibility for water treatment operational changes.	Fall 21	
		3 Understand and evaluate issues concerning the proper use and distribution of the water natural resources.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
WATER TREATMENT SYSTEMS TECHNOLOGY: WASTEWATER TREATMENT SPECIALIZATION		1 Demonstrate knowledge of: Water source, treatment, flocculation, sedimentation, odor control, plant operation and laboratory procedures.	Fall 21	
		2 Ability to calculate all basic mathematic problems that applied to treatment plant operations. This calculation includes fractions decimals, percentages, ratios, proportions, volumes, metric system and estimation.	Fall 21	
		3 Develop preventative maintenance programs and maintain records of inspection and repair for all water works.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
WELDING TECHNOLOGY - A.S. and CERT		1 Define and explain the Physical and Mechanical properties of metals and how these influence the development of Performance Qualification Records (PQR) and Welding Procedure Specifications (WPS) related to welding processes and applications.	Fall 21	
		2 Explain the hierarchy of Hazard Control in a Welding Environment and how this relates to Occupational Safety and Health, to include; (1) Identification of Hazards, (2) Elimination of Hazards, (3) Administration of Hazards, (4) Engineering Controls, and (5) Personal Protective Equipment.	Fall 21	
		3 Demonstrate an understanding of Oxyacetylene Welding and Cutting to include the proper and safe procedures for set-up and use of related equipment.	Fall 21	
		4 Explain and Demonstrate the proper set-up and use of all related components used in Gas Tungsten Arc Welding (GTAW).	Fall 21	
		5 Using the prescribed specifications and accepted parameters, apply the predetermined inspection criteria to assess acceptable weld samples for Destructive and Nondestructive testing.	Fall 21	
		The welding program uses certification tests from AWS to certify students after they complete each class and become employed in the welding or related industry.	when students complete each course.	

		Outcomes	Cycle Plan	Data Collected Including Closing of the Loop
<b>HPS - NURSING AND ALLIED HEALTH Department (Roberta Webster) (AHP, MA, NURS, PHT, VN)</b>				
Subject Code	Course Title	Course Outcomes	Cycle Plan	Data Collected Including Closing of the Loop
AHP 060	Health Assistant	1 Demonstrate proper body mechanics while moving, turning, and ambulating a patient. (ILO 1, 3, 4)	S21	Fall 18
		2 Take and accurately record vital signs on a child and adult: blood pressure, pulse, temperature, and oxygen saturation. (ILO 2)	S21	Fall 18
		3 Identify key menu items or components regarding the diet for a long term care diabetic. (ILO2, ILO3)	S21	Fall 18
AHP 062	Home Health Aide	1 Describe the common observations and documentation required by the Home Health Aide. (ILO 1, 2, 3, 4)	S21	Fall 18
		2 Describe the role and responsibilities of the certified Home Health Aide and how it differs from those of a CNA (ILO 1, 2, 3, 4, 5)	S21	Fall 18
AHP 100	Medical Terminology	1 Provide a definitions to medical words by analyzing Greek and Latin prefixes, suffixed, word roots or combination. (ILO1, ILO2)	S21	Spring 19
		2 Correctly spell a variety of medical words. (ILO1, ILO2)	S21	Fall 18
		3 Correctly identify acceptable medical abbreviations that represent specific phrases and terms. (ILO1, ILO2)	S21	Spring 18
MA 071	Introduction to Medical Assisting and Practice- Aruna Patel is out for this semester. Chair has contacted her.	1 Describe the Scope of Practice of the Medical Assistant. (ILO1, ILO2, ILO3, ILO4, ILO5)		
		2 Develop an effective study guide to assist in content mastery. (ILO2, ILO3, ILO4)		
		3 Describe Professional practice of the medical assistant, physician and various medical professionals. (ILO1, ILO2, ILO3)		
MA 073	Medical Assistant Administration	1 Describe the role of the Medical Assistant in the preparation and maintenance of a medical record (ILO2, ILO3)		
		2 Identify the typical office equipment and most efficient use of the machines. (ILO2, ILO3)		
		3 Identify key elements to ensure effective medical office management (ILO2, ILO3)		
MA 075	Principles of Medical Billing, Insurance and Coding	1 Identify the laws and/or regulations related to bookkeeping, billing and collection in a medical office. (ILO2)		
		2 Demonstrate proper coding techniques utilizing current coding processes (ILO2)		
MA 077	Medical Assistant Administrative Clinical	1 Demonstrate the ability to set appointments, maintain medical records, prepare billing and/or insurance documents, and collect overdue accounts utilizing phone, computer, and interpersonal skills in a medical office setting (ILO 1, 2,3)		
		2 Describe proper emergency procedures, when to implement the procedures and if any legal aspects may be applied. (ILO 1,2,3)		
MA 081	Medication Mathematics and Pharmacology for Health Occupations	1 Demonstrate the legal and ethical knowledge related to communication administration in the medical office. (ILO 2.)		
		2 Demonstrate appropriate administration of medication by 3 separate routes. (ILO 2., ILO 3)		
		3 Identify warning signs of a pending allergic or anaphylactic response. (ILO 2, ILO 3)		
MA 083	Foundations of Medical Practice for Medical Assistants	1 Demonstrate preparation of patient and room for an examination or treatment by the physician. (ILO 2,3)		
		2 Perform selected test (s) that assist with diagnosis and treatment using quality control and infection control measures. (ILO 2,3,4)		
		3 Identify regulations related to blood withdrawal and disposal of used lab equipment (ILO 2,3)		

		4 Describe appropriate steps for obtaining specimens via capillary and venous sampling (ILO 2,3)		
		5 Demonstrate correct utilization of lab microscope and other lab equipment (ILO 2,3)		
MA 085	Exam Room and Special Procedures	1 Demonstrate preparation of patient and room for an examination or treatment by a physician. (ILO 2, ILO 3)		Fall 18
		2 Demonstrate telephone and live screening and follow-up with patient lab results. (ILO 1, ILO 2, ILO 3)		Fall 18
		3 Perform selected tests that assist with diagnosis and treatment using quality control and infection control measures. (ILO 2, ILO 3, ILO 4)		Fall 18
MA 087	Medical Assistant Practicum and Review	1 Demonstrate the ability to administer patient records and appointments in a clinical setting utilizing proper computer, and interpersonal skills in a medical office setting (ILO1, ILO2, ILO3)		
		2 Describe proper office emergency procedures, when to implement the procedures, and if any legal aspects may be applied (ILO1, ILO2, ILO3)		
		3 Demonstrate preparation of patient and room for an examination or treatment by a physician (ILO2, ILO3)		
		4 Demonstrate legal and ethical knowledge related to medication administration ( ILO2, ILO3)		
NURS 080	Introduction to Nursing	1 Identify strategies for personal and academic success in the Nursing Program and address these in 4 page paper in APA format. ILO3	F20	
NURS 081	Individual Studies 1st semester: Nursing	1 demonstrate new learning or study techniques and appropriate application to first (1st) semester nursing degree courses (ILO2, ILO3)	F20	
		2 demonstrate knowledge, skills and attitudes about patient safety and their role in preventing medical errors specific to first (1st) semester nursing degree courses.(ILO4)	F20	
NURS 082	Individual Studies 2nd semester: Nursing	1 demonstrate new learning or study techniques and appropriate application to second (2nd) semester nursing degree courses (ILO2, ILO3)	F20	
		2 demonstrate knowledge, skills and attitudes about patient safety and their role in preventing medical errors specific to second (2nd) semester nursing degree content. (ILO4)	F20	
NURS 083	Individual Studies 3rd semester: Nursing	1 demonstrate new learning or study techniques and appropriate application specific to third (3rd) semester nursing degree courses (ILO2, ILO3)	F20	
		2 demonstrate knowledge, skills and attitudes about patient safety and their role in preventing medical errors specific to third (3rd) semester nursing degree courses (ILO4)	F20	
NURS 084	Individual Studies 4th semester: Nursing	1 demonstrate new learning or study techniques and appropriate application specific to fourth (4th) semester nursing degree courses (ILO2, ILO3)	F20	
		2 demonstrate knowledge, skills and attitudes about patient safety and their role in preventing medical errors specific to fourth (4th) semester nursing degree courses ILO4)	F20	
NURS 100	Medication Mathematics	1 Calculate the flow rate of a simple primary IV line in mL/hr or gtts/min as measured by one (1) randomly identified question on the final exam with a class average for the question at 92% or better. (ILO2, ILO4)	S21	
		2 Pass a comprehensive final exam on dosage calculations at 78% including critical care and pediatric problems. (ILO2, ILO4)	S21	Fall 18
NURS 107	Nursing Fundamentals	1 Demonstrate basic fundamental nursing skills, evaluated through written examinations, demonstrations, and ATI Fundamental exam. (ILO1, ILO2)	S21	Spring 18
		2 Develop nursing care plans utilizing the nursing process; which will be evaluated by a written exam, and application of the nursing process in individualized patient care plans and concept maps in the clinical setting (ILO1, ILO2, ILO3, ILO4)	S21	Spring 19

		3 Safely administer medication to patients of all ages in lab simulation and in the patient clinical setting. Inclusive: intramuscular and subcutaneous injections, oral medications, inhalers and transdermal medications with correct patient identification in accordance to the National Patient Safety Goals and QSEN (ILO1, ILO2, ILO3, ILO4)	S21	Spring 19
NURS 109	Pharmacology	1 Differentiate the principles of pharmacology, pharmacodynamic, pharmacokinetics, pharmacogenetics, therapeutics, legal, ethical, and cultural influences to medication utilization by passing the final with 78% or better. (ILO 1,2,4)	F20	Spring 17
NURS 123	Pharmacology II	1 identify the mechanism of action, use, side effects, and nursing interventions of medications for the CNS, cardiovascular, pulmonary, immune, reproductive and endocrine systems and for anti-infective, oncological, and allergic response medications by passing the final with a 78% or better score.	F20	
NURS 127	Medical Surgical Nursing I	1 Plan, implement, and evaluate outcome of nursing care of adult patients with common problems of the respiratory, surgical, and/or musculoskeletal systems. (ILO1, ILO2, ILO3, ILO5)	S23	
		2 Demonstrate appropriate and safe techniques for IV insertion in lab or simulated setting. (ILO2, ILO3)	S23	
		3 Demonstrate safe medication administration in a simulated or clinical setting. (ILO2, ILO3, ILO5)	S23	
NURS 128	Nursing Care of the Childbearing Family	1 Demonstrate critical thinking through identification of actual and potential problems of the maternity cycle and appropriate nursing responses to restore and promote health. (ISLO 1, 2, 3, 4, 5)	S23	
		2 Demonstrate effective collaboration and verbal and written communication in a clinical setting. (ISLO 1, 2)	S23	
		3 Plan, implement, and evaluate professional and ethical nursing care of the obstetric and newborn client. (ISLO 1, 2, 3, 4, 5)	S23	
NURS 204	Transition to Associate Degree Nursing	1 apply each step of the nursing process to simulated client scenarios while demonstrating a head-to-toe assessment and turn in a care plan reflecting the steps of the nursing process. (ILO1, ILO2, ILO3)	When Offered	
		2 develop a comprehensive nursing care plan, when provided with client data, integrating the nursing process: 1) health assessment, 2) formulating a nursing diagnosis based on subjective and objective data, 3) setting a goal for improving outcomes, 4) implementing therapeutic interventions and 5) evaluating the outcomes of care. (ILO1, ILO2, ILO3)	When Offered	
		3 successfully perform basic fundamental skills in a simulation lab, which were learned in LVN program, and pass Fundamentals and Maternal-Newborn exams, ATI. (ILO2, ILO3, ILO4, ILO5)	When Offered	
NURS 218	Nursing Care of the Childrearing Family	1 Demonstrate understanding of nursing theory to plan and evaluate nursing care for the Childrearing Family with actual and potential problems. (ILO1, ILO2, ILO4)	S21	
		2 Apply relevant nursing theory in developing and implement individualized care to Childrearing Family with acute and chronic body systems stressors in a variety of healthcare settings. (ILO1, ILO2, ILO3)	S21	
NURS 219	Psychiatric and Mental Health Nursing	1 Determine actual and potential psychiatric problems and appropriate nursing responses to restore and promote health. (ILO2, ILO4)	S21	
		2 Identify the commonly used psychopharmacological agents for treatment of clients in mental health facilities and nursing measures needed when administering these treatments. (ILO2, ILO3, ILO4)	S21	
		3 Assess a set of clinical data, formulate a nursing diagnosis, implement a plan, and evaluate outcome of the action plan. (ILO1, ILO2, ILO3, ILO4)	S21	

NURS 223	Medical Surgical and Geriatric Nursing	1	Apply relevant nursing theory to the individualized care and education for adults, older adults, and families with acute and chronic body systems stressors in a healthcare setting. Assessed by clinical evaluation tool, clinical case studies, evidence based reports, and/or concept maps. (ILO1, ILO2, ILO3, ILO5)	S21	Fall 18
		2	Utilize critical thinking and nursing process with interview techniques and therapeutic communication skills to facilitate the nurse-patient relationship and to provide safe patient care to meet the needs of culturally diverse patients within multidisciplinary healthcare system. Assessed by clinical case studies, evidence based reports, clinical evaluation tool, and/or concept maps. (ILO1, ILO2, ILO3, ILO5)	S21	Fall 18
		3	Use evidence based research to provide quality health care, initiate change for adults and older adults, and to improve nursing practice. Assessed by clinical case studies, evidence based reports, and/or concept maps. (ILO1, ILO2, ILO3, ILO4, ILO5)	S21	Fall 18
NURS 227	Medical Surgical Nursing III & Preceptorship	1	Understand nursing theory to plan, implement and evaluate nursing care for adult, geriatric and pediatric patients with acute, complex, or multi-system adaptive disorders of the neurological, cardiac, respiratory, and/or endocrine systems. Demonstrate integration of knowledge in all areas of nursing by passing the ATI Comprehensive/Predictor exam with an individual score of 70% or above. (ILO2,3,5)	S21	Spring 19
		2	Apply the nursing process to integrate nursing that is patient centered, caring, culturally sensitive and based on the physiological and psychosocial and spiritual needs of patients. Demonstrate integration of knowledge in all area of nursing by passing the ATI Med/Surg with a level 2 or above.(ILO2,3,5)	S21	Spring 19
NURS 240	Intravenous Therapy Techniques	1	The student will be able to perform a successful venipuncture using proper protocol after identifying the most appropriate site. ISLO3	When Offered	
		2	The student will be able to identify legal implications related to intravenous therapy regulatory requirements and standards. ISLO4	When Offered	
NURS 800	NCLEX Preparation 1st Time Test Taker	1	Critically analyze a given scenario and treatments for the expected physiological outcomes as demonstrated in course quizzes and role play. (ILO2)	When Offered	
PHT 108	Introduction to Pharmacy Technology	1	discuss and report on the legal requirements regarding the pharmacy technician role. (ILO 1, ILO 4)		
PHT 120	Pharmacy Technician Body Systems I	1	correctly identify the drug classifications for a typical patient with respiratory diseases. (ILO2, ILO4)		Spring 18
		2	identify common medications used in the treatment of cardiovascular system conditions. (ILO2, ILO4)		Spring 18
		3	relate human body anatomy and physiology to conditions involving the immune system and related medications.(ILO 1, ILO 2)		Spring 18
PHT 125	Pharmacy Technician Body Systems II	1	correctly identify the drug classification, indication, and common side effect of medications used in the treatment of endocrine and/or gastrointestinal diseases or conditions. (ILO2, ILO4)		
		2	identify the pathology of musculoskeletal conditions or diseases such as osteoporosis. (ILO 2, ILO 4, ILO 5)		
		3	describe the chemical and electrical messaging/conduction through the nervous system and relationship to medications. (ILO 2, ILO 4, ILO 5)		
PHT 130	Calculation & Pharmacology for Pharmacy Technicians	1	solve proportion and ratio problems as required in the pharmacy.(ILO 2, ILO 4)		
		2	solve mixture and allegation problems that arise in a typical pharmacy(ILO 2, ILO 4)		
PHT 140	Pharmacy Technician Operations	1	demonstrate safe medication distribution and identify patients that need to be counseled by a licensed pharmacist. (ILO1, ILO2, ILO3, ILO5)		

		2 demonstrate calculation and reasoning skills used in the preparation and compounding of medications. (ILO2, ILO3, ILO4, ILO5)		
VN 110	Introduction to Patient Care I	1 Demonstrate safe medication administration to patients of all ages in lab simulation setting. Inclusive: oral, intramuscular and subcutaneous medications, and correct patient identification in accordance to the National Patient Safety Goals and QSEN. (ILO 1,2,3,4,5)	F21	Fall 19
		2 Demonstrate respect and sensitivity for professional role through appropriate behavior, being prompt for clinical experience, meetings, learning activities, class, and assignment deadlines.(ILO 1,2,3,4,5)	F21	
		3 Demonstrate basic fundamental nursing skills which will be evaluated through written examinations and nursing skills checkoff. (ILO 1,2,3,4,5)	F21	Fall 19
		4 Successfully identify subjective and objective data as it relates to nursing diagnosis utilizing the nursing process. (ILO 1,2,3,4,5)	F21	Fall 19
		5 Successfully demonstrate correct body mechanics to insure safety of self and clients in simulated client care situations. (ILO 1,2,3,4,5)	F21	
		6 Identify the current National Patient Safety Goals (NPSGs).	F21	
VN 112	Intro to Patient Care II	1 On dosage calculation exam, student will have a score of 92% or better on the first attempt. (ILO1, ILO2, ILO3, ILO4, ILO5)	F21	Spring 18
		2 Utilizing principles of medical/surgical asepsis student will demonstrate safe and effective insertion of urinary catheter or other procedure in a simulated clinical setting. (ILO1, ILO2, ILO3, ILO4, ILO5)	F21	Fall 19
		3 Perform an introductory patient assessment, identify and document long and short term goals/expected outcomes for simulated and actual client situations. (ILO1, ILO2, ILO3, ILO4, ILO5)	F21	
VN 114	Pharmacology I	1 Calculate dosages in apothecary and metric systems and safely administer medications utilizing the 5 Rights in the clinical setting ILO 1, 2, 4	F21	Fall 19
VN 116	Patient Care Management and Critical Thinking	1 Identify legal and safety issues related to the LVN practice. ILO 1,2,4	F20	Fall 16
		2 Identify leadership techniques useful to LVN practice. ILO 1, 2, 3, 4	F20	Fall 16
		3 Demonstrate critical thinking and judgement in clinical decision making related to interactions with patients. (ILO1, ILO2, ILO3, ILO5)	F20	
VN 120	The Maternity Cycle	1 Demonstrate a physical assessment on a postpartum patient and record the information appropriately. (ILO1, ILO2, ILO4)	F20	
		2 Demonstrate safe medication, (except IV) administration in a clinical setting. (ILO1, ILO2, ILO3, ILO4)	F20	
		3 Develop and present a major maternal/child health teaching project.	F20	
		4 Demonstrate a physical assessment on a newborn and document the information appropriately.	F20	
VN 122	Common Health Problems I	1 Satisfactorily perform a respiratory assessment on an adult or child in a simulated or actual clinical setting. (ILO 1, 2, 3, 4, 5)	F20	
		2 Identify the legal and cultural issues involved in caring for patients with common health problems. (ILO 1, 2, 3, 4, 5)	F20	

		3 Student will successfully demonstrate medication administration and safe suctioning techniques required for patients with common respiratory problems in a simulated or actual clinical setting. (ILO 1, 2, 3, 4, 5)	F20	
VN 124	Pharmacology II	1 Differentiate among the types of drug actions; side effects, adverse reactions, and therapeutic effects in simulated and/or clinical situations. (ATI) (ILO 2, ILO 4)	F20	Spring 18
		2 Identify purposes and actions of medications affecting the immune system and nursing actions needed when providing care for clients using these medications. (ILO 1, ILO 2, ILO 4)	F20	Spring 18
VN 130	Common Health Problems II	1 Establish and prioritize the patient's needs utilizing both primary and secondary data related to current and past physical and psychological status.	F20	
		2 Plan, implement and evaluate nursing care of adult and or pediatric patients with common problems of hematology, cardiovascular and or musculoskeletal systems.	F20	Spring 18
		3 Demonstrate theoretical knowledge, knowledge of nursing principles such as asepsis and standard precautions related to patients requiring isolation	F20	
		4 Demonstrate personal responsibility by meeting deadlines and completing clinical skills in the workplace and classroom as assigned.	F20	Spring 18
		5 Demonstrate the ability to think critically by passing the dosage calculation exam with a score of 92% or better on the first attempt.	F20	Spring 18
VN 132	Common Health Problems III	1 Use appropriate data collection techniques & instruments, perform a neurological assessment on an adult or pediatric patient and correctly document information. (ILO1, ILO2, ILO3, ILO4)	F20	
		2 Provide nursing care that reflects research into patient/clients medical diagnosis, treatment and care. (ILO1, ILO2, ILO3, ILO4)	F20	Spring18
		3 Pay particular attention to the integumentary system and demonstrate critical thinking and judgement in clinical decision making. (ILO1, ILO2, ILO3, ILO4)	F20	
		4 Show NCLEX readiness by passing the ATI Comprehensive Predictor which measures assessment across the lifespan, with a 75 % or better. (ILO1, ILO2, ILO3, ILO4)	F20	Spring 18
		5 Complete an abdominal assessment on a Medical/Surgical patient in the proper sequence using Universal Precautions. (ILO1, ILO2, ILO3, ILO4)	F20	Spring 18
		6 Use appropriate data collection techniques and instruments to perform a safe neurological, skin, and abdominal assessment on an adult or pediatric patient and correctly document information. (ILO1, ILO2, ILO3, ILO4)	F20	
		7 Provide evidence based nursing care that reflects research into patient/clients medical diagnosis, treatment and care and is indicative of critical thinking in decision making. (ILO1, ILO2, ILO3, ILO4)	F20	
		8 Show NCLEX readiness by passing the ATI Comprehensive Predictor which measures assessment across the lifespan, with a 75 % or better. (ILO1, ILO2, ILO3, ILO4)	F20	
		9 Establish and prioritize the patient's needs using primary and secondary data related to historical and current physical and psychological status.	F20	
		10 Assess, plan, implement and evaluate nursing care of adult or pediatric patient with common alterations in the neurological, gastrointestinal, renal, and integumentary systems using clinical skills, care plans, clinical evaluation tools, and case studies as appropriate	F20	
VN 240	Intravenous Therapy Techniques	1 Perform a successful venipuncture using proper protocol after identifying the most appropriate site. (ISLO3)	When Offered	

		2 Identify legal implications related to intravenous therapy regulatory requirements and standards. (ISLO4)	When Offered	
MEDICAL ASSISTANT	1	Successfully complete front office/administrative externship with an employer assessment of student.	Fall 19/22	Fall 19
	2	Successfully complete back office/clinical externship with an employer assessment of the student.	Fall 19/22	Fall 19
	3	Successfully identify correct medical terminology used in patient care and procedures.	Fall 19/22	Fall 19
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Certification exam results	
NURSING - VOCATIONAL (V.N.) - A.S. and CERT	1	Students will meet or exceed the national mean pass rates for the national licensing exam (NCLEX-VN)	Fall 22	
	2	Students will demonstrate comprehensive knowledge of vocational nursing at 75% or higher by the end of the LVN program.	Fall 22	
	3	Program completion rates within 6 semesters will be at least 75% or higher.	Fall 22	
	4	At least 75% of graduates, alumni, and employers will indicate satisfaction with the Imperial Valley College VN program.	Fall 22	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	State licensure test rates.	
NURSING-ASSOCIATE DEGREE (R.N.)	1	Students will meet or exceed the national mean pass rates for the national licensing exam (NCLEX-RN)	Fall 20	
	2	Students will demonstrate comprehensive knowledge of registered nursing at 75% or higher by the end of the ADRN program.	Fall 20	
	3	Program completion rates within 6 semesters will be at least 75 or higher.	Fall 20	
	4	At least 75% of graduates, alumni, and employers will indicate satisfaction with the Imperial Valley College ADRN program.	Fall 20	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	State licensure test rates.	
PHARMACY TECHNICIAN - A.S. and CERT	1	Demonstrate knowledge of accurate calculations for oral and parenteral dosages.	Fall 20	
	2	Demonstrate knowledge of accurate medication compounding and identification of patients that need to be counseled by a licensed pharmacist.	Fall 20	
	3	Demonstrate knowledge of legal requirements related to the pharmacy technician role.	Fall 20	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Program suspended	

### HPS - EMS (Steve Holt)

Subject Code	Course Title	Course Outcomes	Cycle Plan	Data Collected Including Closing of the Loop
EMT 105	Emergency Medical Technician I	1 Write a narrative report from data supplied in various forms including written input, verbal input, and visual observations. The report will be legible, will have correct spelling and punctuation, and will demonstrate the proper use of grammar.(ILO1)	S20	Fall 18
		2 Complete an assessment of a medical patient, in an oral station, in proper sequence and with proper care, using a National standard check off sheet.(ILO 1, ILO 2)	S20	
		3 Complete a patient assessment on a trauma Pt in proper sequence and using standard precautions. This is a Verbal and Hands on skill.( ILO 2, ILO 3, ILO 4)	S20	
		4 Demonstrate correct application of spinal immobilization equipment for given scenario. (ILO1, ILO2, ILO3)	S21	

EMT 107	Emergency Medical Technician 1 Refresher	1	Complete a trauma patient assessment and spinal immobilization on a supine patient in simulated setting. (ILO1, ILO2, ILO3, ILO5)	S20	
		2	Demonstrate proficiency in federal, state, and/or local regulations with regards to emergency care. (ILO2, ILO3)	S20	
EMTP 200	Introduction to Advanced Prehospital Care - Paramedic	1	Perform in the role of Basic Life Support Instructor according to the guidelines of the American Heart Association. (ILO1, ILO5)	S20	
		2	Demonstrate the ability to perform a comprehensive physical exam and communicate the findings. (ILO1, ILO2, ILO3)	S20	
		3	Demonstrate the ability to manage airways. (ILO2, ILO3)	F20	
EMTP 202	Trauma Emergencies - Paramedic	1	Demonstrate knowledge of trauma: equipment needed, technique used, precautions, and general principals for skills covered in the trauma module, and be competent performing these skills on a practical exam. (ILO1, ILO2, ILO3)	S20	
EMTP 204	Medical Emergencies - Paramedic	1	Demonstrate knowledge of medical emergencies: equipment needed, techniques used, precautions, and general principals for skills covered in the medical emergencies module, and be competent performing these skills on a practical exam. (ILO1, ILO2, ILO3)	F20	
EMTP 206	Emergency Medical Services Operations - Paramedic	1	Demonstrate competency in the cognitive and practical skills requirement to successfully complete the Advanced Cardiovascular Life Support (ACLS) Provider Course, the Pediatric Advanced Life Support (PALS) Provider Course, and the Pre-hospital Trauma Life Support (PHTLS) Course. (ILO1, ILO2, ILO3, ILO4)	F20	
EMTP 225	EMT - Paramedic Clinical I	1	demonstrate competencies in paramedic clinical skills at an entry level as measured by instructor observation in the clinical setting and daily skills evaluation using a grading rubric. (ILO1, ILO2, ILO3, ILO5)	F20	
		2	do entry level patient assessment of live patients in a clinical setting. Evaluation using patient assessment rubric by clinical preceptors of a minimum number of patients assessed. (ILO1, ILO2, ILO3)	F20	
		3	develop competence in professional behaviors using Global Affective Professional Behavior Evaluation rubric. (ILO1, ILO2, ILO3, ILO4)	F20	
EMTP 235	EMT - Paramedic Field I	1	thoroughly assess, provide care, communicate with patients, and relay appropriate information to the station as determined by the field preceptor during live and simulated situations and measured by field evaluation grading rubric. (ILO1, ILO2, ILO3, ILO4, ILO5)	S21	Fall 18
		2	successfully pass all instructor/program director evaluations of practice based on field grading evaluation rubric every 5th shift. (ILO2, ILO3, ILO4)	S21	Fall 18
		3	successfully pass the evaluation of competencies of professional behavior using the Global Affective Professional Behavior Evaluation rubric. (ILO1, ILO2, ILO3, ILO4, ILO5)	S21	Fall 18
EMTP 245	EMT - Paramedic Field II	1	thoroughly assess, provide care, communicate with patients, and efficiently relate information to the station according to the evaluation rubric completed by field preceptors. (ILO1, ILO2, ILO3, ILO4, ILO5)	S21	
		2	successfully pass all field evaluations by the instructor/program director based on the grading standards and evaluation rubric for entry-level paramedics (done every 5th shift while in the field). (ILO2, ILO3)	S21	Fall 18
		3	successfully pass all entry level competencies for professional behavior using the Global Affective Professional Behavior Evaluation rubric. (ILO1, ILO2, ILO3, ILO4, ILO5)	S21	Fall 18
		4	interpret assessment information and take appropriate action in the field. (ILO1, ILO2, ILO3, ILO4)	S21	
		5	correctly identify and operate all equipment used in the field setting. (ILO2, ILO3)	S21	
EMERGENCY MEDICAL SERVICES - A.S. and CERT		1	Students meet or exceed pass rates set for national licensing exam (National Registry).	Fall 19/22	Fall 19

	2	Students meet or exceed pass rates set for national licensing skills exam (National Registry).	Fall 19/22	Fall 19
	3	Students meet the minimal certification standards for ACLS, PALS, and BLS Instructor	Fall 19/22	Fall 19
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	exam(Skills and Cognitive)pass rates are used for PLO 1 and	

### HPS - FIRE (Alfredo Estrada Jr)

Subject Code	Course Title	Course Outcomes	Cycle Plan	Data Collected Including Closing of the Loop
FIRE 050	Introduction to Wildland Firefighting	1 Compare environmental factors of fuels, weather, and topography that affect the start and spread of wildland fires. (ILO 4)	S21	Fall 18
		2 Describe contributing factors that indicate the potential for increased fore behavior that may compromise safety. (ILO2)	S21	
FIRE 100	Fire Protection Organization	1 Apply basic emergency incident management strategies in relationship to incident command systems in public and private fire protection careers. (ILO1, ILO2)	S21	Fall 18
		2 Identify the various codes , standards, ordinances, and regulations that affect fire protection and the functions of a fire prevention bureau.(ILO2)	S21	
FIRE 101	Fire Prevention Technology	1 Demonstrate knowledge in the spectrum of fire prevention functions and philosophies and their relationships to fire suppression efforts. (ILO2)		
		2 Identify the laws, rules, codes, and other regulations relevant to fire prevention and the agencies or authority having jurisdiction. (ILO2)		
		3 Design a fire prevention media campaign including brochures, advertising, public service announcements and fire prevention collateral materials for adults and children. (ILO2, ILO3, ILO4)		
FIRE 102	Fire Protection Equipment and Systems	1 Analyze the relationship between fire prevention efforts and the reduction of life and property loss. (ILO2, ILO5)		
		2 Draw and describe the basic elements of a public water supply system including sources, distribution networks, piping and hydrants. (ILO2, ILO3)		
		3 Identify and analyze the causes of line of duty firefighter deaths and training and research into the reduction of risk and accidents. (ILO2, ILO3, ILO4)		
FIRE 103	Building Construction for Fire Protection	1 Identify major types of building construction. (ILO2)		
		2 Analyze the hazards and tactical considerations associated with the various types of building construction. (ILO1, ILO2)		
		3 Demonstrate proficiency in building occupany and code enforcement. (ILO2)		
FIRE 104	Fire Behavior Combustion	1 Define basic terms and concepts related to fire behavior and chemistry.(ILO2),		Spring 18
		2 Analyze physical conditions which determine states of matter and influence fire behavior. (ILO2)		
		3 Demonstrate how to recall physical and chemical properties of fire.(ILO4)		
FIRE 108	Fire & Emergency Services Safety and Survival	1 Demonstrate and describe the need for cultural and behavioral change within the emergency services relating to safety, incorporating leadership, supervision, accountability and personal responsibility. (ILO2)		Spring 18
		2 Explain the general safety precautions, considerations, strategies, and tactics to implement for all fire survival emergencies. (ILO2, ILO4)		
		3 Demonstrate the ability to apply federal and local laws within the context of emergency planning. (ILO2)		
FIRE 109	Hazardous Materials for First Responders	1 Demonstrate knowledge and appropriate responses for given incidents involving hazardous materials at the First Responder Operational level. (ILO2)		

		2	Articulate the importance of haz mat pre-planning and procedures (ILO1, ILO2)		
		3	Recognize physical state of substances and their potential hazards of reactivity as they relate to health and safety of the firefighter and the incident scene.(ILO2, ILO3)		
FIRE 117	Auto Extrication	1	Analyze an emergency situation, develop and implement a plan to extricate occupants.(ILO2)		
FIRE 121	ICS-200 Basic Incident Command System	1	Describe principles, components, positional responsibilities, and management of incident resources. (ILO2)		
		2	Demonstrate proficiency in emergency incident management. (ILO2)		
FIRE 122	Confined Space Awareness	1	Identify a confined space and be familiar with various regulations, safety procedures, equipment, techniques and personnel necessary to operate at a confined space emergency.(ILO2, ILO3, ILO4, ILO5)		
FIRE 140	Fire - First Responders	1	Demonstrate the application of a traction splint in proper sequence and using standard precautions. (ILO 2, ILO 3)		Spring 18
		2	Demonstrate the use of federal and state laws in relation to on scene emergencies. (ILO1)		
		3	Demonstrate the ability to describe the history, features and principles, and organizational structure of the Incident Command System. (ILO2)		
		4	Demonstrate the ability to describe the purpose of the NIMS Components including: Preparedness, Communications and Information Management, Resource Management, and Command and Management (ILO2)		
FIRE 142	Firefighter Academy 1	1	Define and demonstrate knowledge of fire department organization and culture, and the expectations of entry-level fire department personnel.(ILO1, ILO2)		
		2	Demonstrate knowledge of fire department equipment through the selection and application of equipment for given firefighting tasks. (ILO1, ILO2)		
FIRE 144	Firefighter Academy 2	1	Demonstrate knowledge and appropriate responses for given incidents involving firefighter 2 level. (ILO2)		Spring 18
		2	Demonstrate how to analyze an emergency situation involving vehicles, develop an appropriate extrication plan, and identify the necessary operational steps in implementing the steps. (ILO1, ILO4)		
FIRE 148	Firefighter I Capstone Training	1	Identify the use of the appropriate firefighting tools, tactics and strategies for given firefighting situations.		Fall 18
		2	Demonstrate and apply the use of fire department equipment through its selection for given firefighting skills.		
FIRE 220	Fire Apparatus Driver/Operator 1A	1	Select and use appropriate methods and materials to complete laboratory assignments within standards based on building type, location of fire, and other apparatus responding to scene. (ILO2)		
		2	The student shall demonstrate proficiency in apparatus pre-trips. (ILO2)		
FIRE 221	Fire Apparatus Driver/Operator 1B	1	Select proper engine pressure when pumping multiple liners and knowledge of the principles related to operation of pumps from a hydrant and drafting water. (ILO2)		
		2	Demonstrate knowledge in hydraulic calculations. (ILO2)		
		3	Demonstrate proficiency in pump operations. (ILO1)		
		4	Demonstrate proficiency in drafting and multiple hose line pump operations. (ILO4)		
FIRE 222	Fire Investigation 1A	1	Indicate causes of fires, fire behaviors, and explosions for given fire scene scenario.(ILO2)		
		2	Demonstrate proficiency in fire behavior patterns. (ILO2)		
FIRE 223	Fire Investigation 1B	1	Analyze, evaluate, and critique past fire investigations in written and oral format. (ILO2)		
		2	The student shall demonstrate proficiency in case law applications of arsons. (ILO3)		

FIRE 231	Incident Command System 300	1	Organize and provide a briefing to incident personnel and develop an Incident Action Plan for a simulated incident. (ILO2)		
		2	List ICS positions and duties and describe the positions to the level of deputies.(ILO4)		
FIRE 246	Company Officer 2A: Human Resource Management	1	Demonstrate the ability to create a professional development plan and assign emergency tasks or responsibilities during an emergency incident. (ILO2, ILO3, ILO5)		New Course - Effective 20-21 AY
FIRE 247	Company Officer 2B: General Administrative Functions	1	Demonstrate the ability to collect incident response data, and applying the data effectively for improved response times and explain the impact of State and Federal laws and regulations		New Course - Effective 20-21 AY
FIRE 248	Company Officer 2C: Fire Inspections and Investigations	1	Demonstrate how to secure an incident scene and determine the origin and cause of the fire		New Course - Effective 20-21 AY
FIRE 249	Company Officer 2D: All-Risk Command Operations	1	Demonstrate and develop a post-incident analysis of an emergency scenario		New Course - Effective 20-21 AY
FIRE 250	Company Officer 2E: Wildland Incident Operations	1	Demonstrate how to develop resources and an action plan to suppress a wildland fire.		New Course - Effective 20-21 AY
FIRE TECHNOLOGY - (A.S.) and (CERT)		1	Students will be able to apply emergency incident management strategies in relationship to incident command systems in public and private fire protection careers.	Fall 20/23	
		2	Students will demonstrate management concepts and practices including decision making, leader styles, personnel evaluations & counseling techniques.	Fall 20	
		3	Students will demonstrate knowledge of the different types of non-water based fire suppression systems and how each is used to extinguish fire.	Fall 20	
			PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	State Licensing Test	
FIREFIGHTER I		1	Students will demonstrate appropriate selection and implementation of firefighting methods and application of the Incident Command and Emergency Management Systems.	Fall 20	
		2	Students will demonstrate knowledge and appropriate use of fire equipment for a given firefighting scenario.	Fall 20	
		3	Students will demonstrate knowledge of the Unified Command system and use of its branches and divisions.	Fall 20	
			PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	California Fire Test with Demonstrations	

**HPS - PUBLIC SAFETY/POST (Ed Wells)**

Subject Code	Course Title	Course Outcomes	Cycle Plan	Data Collected Including Closing of the Loop
AJ 100	Introduction to the Administration of Justice	1	Identify the Objectives of the Justice System and the Role of Criminal Justice Personnel. (ILO4, ILO5)	Spring 19
		2	Describe the Laws of Arrest including Felonies and Misdemeanors. (ILO1, ILO2, ILO3, ILO4)	Spring 19
		3	Identify the Roles, History and Organization of Law Enforcement in the U.S. (ILO4, ILO5)	Spring 19
AJ 102	Concepts of Criminal Law	1	Identify the difference between criminal law and civil law. (ILO1, ILO2, ILO4)	Spring 19
		2	Identify liability and how liability is determined. (ILO1, ILO2, ILO4, ILO5)	Spring 19
		3	Demonstrate understanding of various crime groups to include: Crimes against People, Crimes against Property, and Crimes against the Government. (ILO1, ILO2, ILO4)	Spring 19
AJ 104	Legal Aspects of Evidence	1	Identify the historical development and the constitutionality of the rules of evidence and how it ties into the criminal justice system. (ILO2, ILO4)	Spring 18
		2	Explain and identify the procedural rules and constitutionality for arrest, search and seizure. (ILO1, ILO2, ILO4, ILO5)	

		3	Identify hearsay, rules of admissibility, and the exceptions to the Hearsay Rule. (ILO2, ILO4)		
AJ 106	Principles & Procedures of the Justice System	1	Demonstrate an understanding of the U.S. Constitution and the Amendments with special emphasis on the 6th, 8th, and 14th amendments, including the right to counsel, bail, jury trial, and due process. (ILO1, ILO2, ILO3)		Spring 19
		2	Describe the history and application of the exclusionary rule in shaping criminal procedure. (ILO1, ILO2, ILO4)		Spring 19
		3	Identify the Criminal Court Trial Procedures, specifically those areas dealing with Witnesses, Evidence and Presumption of Innocence. (ILO1, ILO2, ILO4)		Spring 19
AJ 108	Public Safety Report Writing	1	Identify the importance of honesty and truthfulness in gathering information and documenting that information for possible future prosecution. (ILO1, ILO2, ILO3)		Fall 19
		2	Write a report documenting the pertinent facts obtained from witnesses at a crime scene, or scenario of a crime scene, that would be able to be used in a court of law. (ILO1, ILO2, ILO3, ILO4)		Spring 18
		3	Identify and distinguish facts, information and statements into a logical and understandable format that fulfills the legal requirements of a lawful arrest and applicable procedures for both misdemeanor and felony arrests. (ILO1, ILO2, ILO3, ILO4, ILO5)		Spring 18
AJ 110	Law Enforcement Community Relations	1	Explain the history and evolution of multiculturalism in the U.S. and the challenges presented to Law Enforcement by a multicultural society.(ILO4, ILO5)		Spring 19
		2	Identify and explain the key issues that pose potential conflict between diverse communities and the courts, law enforcement and corrections. (ILO2, ILO4, ILO5)		Spring 19
		3	Identify and describe the strategies that can be used for the administration of justice in a multicultural society, specifically dealing with Law Enforcement, Courts and Corrections and their relationships with the community as a whole.(ILO1, ILO2, ILO4)		Spring 19
AJ 121	Law Enforcement Field Operations	1	Describe the history of law enforcement patrol. (ILO4, ILO5)		Spring 19
		2	Identify the various components of patrol and the function of each. (ILO1, ILO2, ILO4)		Spring 19
		3	Identify commonly used equipment of law enforcement patrol units including: weapons, vehicles, technology, etc. (ILO1, ILO2, ILO3, ILO4, ILO5)		Spring 19
AJ 141	Arrest and Firearms	1	Identify the elements of an arrest and the laws pertaining to the arrest of suspects. (ILO2, ILO4)		
		2	Identify the various parts to ammunition and firearms, as well as demonstrate proficiency in the use of firearms. (ILO2, ILO4, ILO5)		
		3	Demonstrate the techniques required to place a suspect under arrest, and to defend yourself if attacked. (ILO1, ILO2, ILO3)		
POST 160	Regular Basic Course Modular Format Level III	1	Demonstrate approved defense and control techniques as established by P.O.S.T. (ILO1, ILO2, ILO4)		
		2	Demonstrate proficiency with departmentally approved firearm, including: nomenclature, range safety, loading, unloading, aiming, accuracy and trigger manipulation. (ILO2, ILO3, ILO5)		
		3	Identify the difference between a Felony, Misdemeanor, Infraction, and the elements, or Corpus of the crime in the California Criminal Code. (ILO1, ILO4)		
POST 162	Regular Basic Course Modular Format Level II	1	demonstrate approved defense and control techniques as established by P.O.S.T. (ISL02, ISL03, ISL04, ISL05)		Fall 19
		2	demonstrate proficiency with departmental approved firearm, including: nomenclature, range safety, loading, unloading, aiming, accuracy and trigger manipulation. ISL02, ISL03, ISL04, ISL05)		
		3	Pass the written portion on the P.O.S.T. End of Course Examination. (ISL02,03,04,05)		
POST 164	Regular Basic Course Modular	1	LS-2 Identify the three main parts to the U.S. Criminal Justice System. (ILO1, ILO4)		Spring 19

	Format Level I	2	LD-3 Identify the elements of Community Oriented Policing and the role of the Patrol Officer in the enforcement of laws. (ILO2, IL04, IL05)		Spring 19
		3	LD-5 Identify the difference between a Felony, Misdemeanor, Infraction, and the elements, or Corpus of the crime in the California Criminal Code. (ILO1, IL04)		Spring 19
		4	LD-6 Properly identify the elements, or Corpus of the Crime of Property, such as Possession of Stolen Property, Grand and Petty Theft, Vandalized Property, Arson, Auto Theft, Forgery, Fraud, Misappropriation of Found Property. (ILO2, IL04)		Spring 19
		5	LD-7 Properly identify the Elements or Corpus of the Crime in Crimes against People, to include Murder, Mayhem, Kidnapping, Manslaughter, and Assault with a Deadly Weapon, Battery, Domestic Violence, Sexual Assault, Child Abduction, Car Jacking and Crimes against the Elderly. (ILO2, IL04)		Spring 19
		6	LD-8 Properly identify the elements, or Corpus of the Crime in: Prostitution, Pimping, Pandering, Peeping, Prowling, Stalking, Lewd Conduct, Loitering, Trespass, and Solicitation. (ILO2, IL04)		Spring 19
		7	LD-9 Correctly identify the proper procedures when handling Crimes Against Children and Children as Victims of Crime. (ILO2, IL04)		Spring 19
		8	LD-10 Properly identify the elements, or Corpus of the Crime in Sexual Assault investigations, such as Rape, Sodomy, Oral Copulation, Sexual Battery, and Sexual Assault. (ILO2, IL04)		Spring 19
		9	LD-15 Identify the elements of an Arrest and the Laws pertaining to the arrest of suspects. (ILO1, IL04, IL05)		Spring 19
		10	LD-16 Identify the elements of the 4th Amendment to the U.S. Constitution and how those elements are used when conducting Search and/or Seizure of a Person and/or Property. (ILO1, IL04, IL05)		Spring 19
		11	LD-19 Demonstrate the safe and proper way to drive, park and maneuver an Emergency Vehicle over a prescribed State Certified Driving Course at tested speeds and lighting conditions. (ILO2, IL03, IL05)		Spring 19
		12	LD-20 Identify the legal requirements and limitations when using force, and the elements of the Use of Force Continuum. (ISL01, ISL04, ISL05)		Spring 19
		13	LD-25 Correctly identify the State Mandated Procedure for handling Domestic Violence related cases, to include: Spousal Battery, Spousal Rape, Abandonment, Emergency Protective Orders and the use of Shelters. (ILO2, IL04)		Spring 19
		14	LD-31 Identify the Elements of Custody and the Legal Requirements of all Law Enforcement Officers when dealing with the Custody of a Suspect. (ILO2, IL04, IL05)		Spring 19
		15	LD-36 Identify the Laws governing the release of Classified Information in the Criminal Justice System. (ILO2, IL04, IL05)		Spring 19
		16	LD-39 Identify the elements, or Corpus of the Crime for any of the following: Witness Intimidation, Escape, Lynching, Resisting/Delaying/Obstructing a Peace Officer, False Reporting of a Crime, or Disobedience of a Court Order. (ILO2, IL04)		Spring 19
AJ 222	Criminal Investigation	1	Identify the basic elements of a criminal investigation. (ILO4, ILO5)		Fall 19
		2	Identify the legal requirements necessary in a criminal investigation. (ILO1, ILO2, ILO3, ILO4, ILO5)		
		3	Identify sources of information and methods for obtaining information from these sources. (ILO1, ILO2, ILO3, ILO4, ILO5)		
AJ 223	Juvenile Control	1	Identify the Juvenile Justice process. (ILO4, ILO5)		
		2	Explain the history of the Juvenile Justice System. (ILO1, ILO2, ILO4)		
		3	Explain the process of emancipation. (ILO1, ILO2, ILO3, ILO4, ILO5)		

AJ 224	Criminology	1	Identify criminal behavior. (ILO1, ILO2, ILO4, ILO5)		Fall 19
		2	Describe the various types of methods used to measure criminal activity. (ILO1, ILO2, ILO4, ILO5)		
		3	Identify common theories regarding criminal behavior and pathology. (ILO1, ILO2, ILO3, ILO4, ILO5)		
CSI 100	Introduction to Correctional Systems	1	Identify the history and development of corrections. (ILO4, ILO5)		Spring 19
		2	Identify the difference between local, state and federal correctional systems. (ILO2, ILO4)		Spring 19
		3	Identify the criteria involved in sentencing convicted criminals. (ILO1, ILO2, ILO4, ILO5)		Spring 19
CSI 104	Concepts of Probation and Parole	1	Identify the historical development of the Probation system. (ILO4, ILO5)		Spring 19
		2	Identify the different roles of a Probation and Parole Officer. (ILO2, ILO4)		Spring 19
		3	Identify the basic concepts of Probation and Parole. (ILO1, ILO2, ILO3, ILO4, ILO5)		Spring 19
CSI 150	Corrections Officer Core Course	1	Demonstrate knowledge of the 21 functional areas mandated by the California State Board of Corrections.		
		2	Identify legislative mandates in the areas of first aid, cardiopulmonary resuscitation, and chemical agents.		
		3	Identify correctional guidelines listed in the California Administrative Code, Title 15.		
CSI 206	Correctional Interviewing and Counseling	1	Identify the differences between Interviewing and Interrogation. (ILO2, ILO3, ILO4, ILO5)		
		2	Recognize and identify the skills necessary to conduct an interview (ILO1, ILO2, ILO3, ILO4)		
		3	Discuss the differences between adults and juveniles when conducting counseling and be able to identify the various kinds of interventions and techniques of both. (ILO1, ILO2, ILO3, ILO4, ILO5).		
CSI 208	Control and Supervision of Inmates	1	Identify the basic principles of inmate supervision. (ILO4, ILO5)		Spring 19
		2	Identify the concepts of inmate control in a correctional environment. (ILO2, ILO3, ILO4)		
		3	Identify the methods and purposes of institutional safety and how it relates to the structure and organization of inmate control and supervision. (ILO2, ILO4, ILO5)		
ADMINISTRATION OF JUSTICE - A.S., CERT, and FOR TRANSFER		1	Demonstrate knowledge and understanding of the U.S. Constitution and the subsequent Amendments pertaining to the Justice System.	F21	
		2	Demonstrate knowledge and understanding of the Criminal Justice System to include investigation of crimes, prosecution of offenders in court and incarceration of convicted perpetrators in the Correctional System.	F21	
		3	Demonstrate knowledge and understanding of the principles of a law enforcement report, in particular those elements of the Corpus (body) of the criminal act, the proper documentation of Witness Statements and Evidence.	F21	
			PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
ADMINISTRATION OF JUSTICE: LAW ENFORCEMENT		1	Students will successfully pass all three levels of peace officer training, including physical, psychomotor, written, and ethical evaluations.	F21	
			PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
CORRECTIONAL SCIENCE - A.S. and CERT		1	Identify the basic concepts between Probation and Parole and the role they play in the criminal justice arena.	F19/22	missing
		2	Identify the methods used and the purposes of institutional safety and how it relates to the structure and organization of inmate control and supervision.	F19/22	missing
		3	Identify the various kinds of interventions available and the techniques used in the industry.	F19/22	missing
			PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
CORRECTIONAL SCIENCE: CORRECTIONS OFFICER -		1	Students will successfully pass written, physical, and defensive tactics examinations.	F21	

		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here
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**M&S - BEHAVIORAL-SOCIAL SCIENCE Department (Suzanne Gretz) (AIS, ANTH, CHIC, EDUC, GEOG, HIST, LAS, POLS, PSY, SOC, SW)**

Subject Code	Course Title	Course Outcomes	Cycle Plan	Data Collected Including Closing of the Loop
ADS 101	Alcoholism, Intervention, Treatment & Recovery	1 Develop an alcohol intervention using information and assessment skills. (ILO1, ILO2, ILO3, ILO5)	F20	
		2 Choose an intervention team. (ILO1, ILO2, ILO3)	F20	
		3 Conduct a mock intervention. (ILO1, ILO2, ILO3)	F20	
ADS 110	Physiological Effects of Alcohol and Drugs	1 Identify uppers, downers, and all a-rounders, and identify the physiological effect on body and mind. (ILO1, ILO2, ILO3)	Sp21	
		2 Identify cultural differences in alcohol and drug use and treatment modalities appropriate to culture and environment. (ILO1, ILO2, ILO3, ILO5)	Sp21	
		3 Identify post-acute withdrawal symptoms for addicts as well as family members. (ILO1, ILO2, ILO3, ILO5)	Sp21	
ADS 120	Introduction to Counseling	1 Present active listening skills using body language and empathetic paraphrasing. (ILO1, ILO2, ILO3)	F21	
		2 Demonstrate advanced cognitive behavioral therapy techniques. (ILO1, ILO2, ILO3)	F21	
		3 Research a counseling theory and present material in class. (ILO1, ILO2, ILO3, ILO4, ILO5)	F21	
ADS 130	Group Leadership and Group Process	1 Identify group need. (ILO2, ILO3)	F21	
		2 Select and advertise a type of group. (ILO1, ILO2, ILO3)	F21	
		3 Prepare confidentiality forms. (ILO1, ILO2, ILO3)	F21	
		4 Prepare ground rules for group participation. (ILO1, ILO2, ILO3, ILO5)	F21	
ADS 150	Sociology of Minority Groups	1 Assess both macro social influences and micro social influences in understanding a particular social issue. (ILO1, ILO2, ILO4, ILO5)	Sp22	
		2 Communicate the background, findings and implications of published work using APA format. (ILO1, ILO2, ILO3, ILO4)	Sp22	
		3 Demonstrate the ability to make oral presentations that are organized, rely on evidence and engage the audience. (ILO1, ILO2, ILO3, ILO4)	Sp22	
		4 Evaluate how different sociological theories apply to particular social issues and problems. (ILO1, ILO2, ILO4, ILO5)	Sp22	
ADS 176	Sex and Gambling Addiction	1 Provide training in application of therapeutic models and early intervention for non-substance related addictions. (ILO1, ILO2, ILO3, ILO5)	F20	
ADS 177	Anger Management	1 Identify communication style and reframe communication. (ILO1, ILO2, ILO3)	Sp21	
ADS 178	Life Skills	1 Identify areas of life skills such as relapse prevention and prepare a relapse prevention plan. (ILO1, ILO2, ILO3, ILO5)	Sp22	
ADS 200	Family Counseling Approaches to Alcohol and Drug Abuse	1 Develop a family recovery group plan. (ILO1, ILO2, ILO3)	F21	
		2 Lead a family group. (ILO1, ILO2, ILO3)	F21	
		3 Prepare an addiction recovery resource list. (ILO1, ILO3)	F21	
ADS 210	Crisis Intervention and Referral Techniques	1 Develop and provide brief crisis counseling. (ILO1, ILO2, ILO3, ILO5)		
		2 Make appropriate referrals. (ILO1, ILO2, ILO3, ILO5)		
		3 Perform a five-point suicide assessment. (ILO1, ILO2, ILO3)		
ADS 220	Practicum	1 Develop field placement activity. (ILO1, ILO2, ILO3)		
		2 Participate in field placement activity. (ILO1, ILO3)		
		3 Understand responsibilities of fieldwork. (ILO1, ILO2, ILO3)		
ADS 221	Practicum	1 Develop field placement activity. (ILO1, ILO2, ILO3)		

		2 Participate in field placement activity. (ILO1, ILO3)		
		3 Understand responsibilities of fieldwork. (ILO1, ILO2, ILO3)		
ADS 230	Alcohol and Drug Prevention and Education	1 Identify effective prevention approaches. (ILO2, ILO5)		
		2 Identify the benefits of information dissemination. (ILO1, ILO2, ILO4)		
		3 Recognize advantages of education and prevention strategies. (ILO1, ILO2, ILO5)		
ADS 235	Case Management and Documentation	1 Prepare appropriate documentation for case management of substance abuse clients through the entire course of treatment from intake and screening to discharge. (ILO1, ILO2, ILO3, ILO4, ILO5)		
ADS 240	Ethics and Legal Standards in Addiction Counseling	1 understand legal and ethical responsibilities as they relate to clients, colleagues and agencies. (ILO1, ILO2, ILO3, ILO4, ILO5)		
		2 demonstrate the understanding of ethical standards through role play scenarios. (ILO1, ILO2, ILO3, ILO5)		
		3 identify personal ethical framework and discuss how it relates to counseling. (ILO1, ILO2, ILO3, ILO5)		
		4 demonstrate appropriate interaction with addicted clients in the Addiction Counseling work place. (ILO1, ILO2, ILO3, ILO5)		
ADS 251	Dual Diagnosis	1 Recognize the most prevalent mental Disorders.		Fall 2017
		2 Recognize the assessment criteria for mental disorders reflected in the current DSM-5 and commonly associated with Substance abuse.		
		3 Recognize the current interaction of mental disorder with chemical dependency- e.g Etiology, prevalence, treatment, medication, research, and clinical management.		
AIS 106	Indians of North America	1 Identify and evaluate cultural and ethnic diversity among the various Native American groups; their geography and environment; prehistoric migration into the Americas. (ILO2, ILO3, ILO5)	Sp21	
		2 Describe Native American interaction with the environment and their management of natural resources. (ILO2, ILO3)	Sp21	
		3 Summarize similarities and differences of social institutions of the various Native American groups. (ILO2, ILO3)	Sp21	
		4 Identify and summarize European effect on Native American cultures. (ILO2, ILO3, ILO5)	Sp21	
AIS 108	Indians of the Southwest	1 Demonstrate a measurable understanding of the prehistory of the American Southwest and its cultural development. (ILO2, ILO3)	Sp22	
		2 Summarize cultural diversity of customs and traditions, languages, religious beliefs and rituals, as well as social organization of Native Americans of the Southwest. (ILO2, ILO3, ILO5)	Sp22	
		3 Summarize the differences and similarities of the Spanish, Mexican, and American political programs dealing with the acculturation of Native Americans. (ILO2, ILO3, ILO5)	Sp22	
		4 Describe the influence of the Spanish Mission system on the religious and social structure of Native Americans. (ILO2, ILO3, ILO5)	Sp22	
ANTH 100	Physical Anthropology	1 Define the main goals and aims of physical anthropology. (ILO 2)	F20	Spring 17
		2 Explain how Darwin's theory of natural selection results in evolution, adaptation and design, and how evolution affects our daily lives. (ILO 2, ILO 3, ILO 5)	F20	Spring 17
		3 Explain the basic pattern of hominid evolution over the last seven million years including dating methods, scientific methods, and the origin of Homo sapiens in Africa including global biological diversity. (ILO 2, ILO 3)	F20	Spring 17
ANTH 102	Cultural Anthropology	1 Define the main goals and aims of cultural anthropology. (ILO2, ILO5)	F21	
		2 Describe the holistic and comparative approach. (ILO2, ILO5)	F21	

		3 Explain the difference between ethnocentrism and cultural relativism. (ILO2, ILO5)	F21	
		4 Demonstrate an understand of global cultural diversity. (ILO2, ILO5)	F21	
		5 Explain how Applied Anthropology is used in archaeology, medical anthropology, business, education, an economics (ILO2, ILO5)	F21	
ANTH 106	Indians of North America	1 Identify and evaluate cultural and ethnic diversity among the various Native American groups; their geography and environment; prehistoric migration into the Americas. (ILO2, ILO3, ILO5)	Sp21	
		2 Describe Native American interaction with the environment and their management of natural resources. (ILO2, ILO3)	Sp21	
		3 Summarize similarities and differences of social institutions of the various Native American groups. (ILO2, ILO3)	Sp21	
		4 Identify and summarize European effect on Native American cultures. (ILO2, ILO3, ILO5)	Sp21	
ANTH 108	Indians of the Southwest	1 Demonstrate a measurable understanding of the prehistory of the American Southwest and its cultural development. (ILO2, ILO3)	Sp22	
		2 Summarize cultural diversity of customs and traditions, languages, religious beliefs and rituals, as well as social organization of Native Americans of the Southwest. (ILO2, ILO3, ILO5)	Sp22	
		3 Summarize the differences and similarities of the Spanish, Mexican, and American political programs dealing with the acculturation of Native Americans. (ILO2, ILO3, ILO5)	Sp22	
		4 Describe the influence of the Spanish Mission system on the religious and social structure of Native Americans. (ILO2, ILO3, ILO5)	Sp22	
ANTH 120	Introduction to Archaeology	1 Identify the main goals, theories and the scientific methods in anthropological archaeology. (ILO2)	F20	
		2 Demonstrate an understanding of cultural resource management and archaeological ethics. (ILO2, ILO3)	F20	
		3 Describe the relevancy of anthropological archaeology in the modern world. (ILO2, ILO5)	F20	
		4 Demonstrate an understanding of cultural sequences through archaeological data. (ILO 2)(ILO5)	F20	
CHIC 100	Introduction to Chicana/o Studies	1 Research, analyze, and identify cultural values and contributions of Mexican Americans to the United States through writing. [ILO1, ILO2, ILO4, ILO5]		
		2 Research the contributions of Chicanos in the United States. (ILO4, ILO5)		
		3 Analyze a literary and/or cultural text written by a Chicano author. (ILO1, ILO2, ILO5)		
CHIC 110	Chicana/o Heritage	1 Describe the elements that make up a culture and how they apply to the Chicano cultural experience, making use of appropriate terminology and theoretical frameworks (ILO2).		NEW COURSE - Effective 20-21 AY
		2 Use library academic sources to research a Chicana/o related topic for the purpose of writing an essay, delivering an oral presentation, or developing a group project. Students will be able to apply the MLA format or another formal citation system. (ILO4).		NEW COURSE - Effective 20-21 AY
		3 Deliver a short presentation following specific guidelines on a Chicana/o related topic (ILO1)		NEW COURSE - Effective 20-21 AY
		4 Compare and contrast aspects of Chicana/o culture to that of other groups in the United States and/or the world (ILO5)		NEW COURSE - Effective 20-21 AY

		5 Cooperate with other fellow students in developing a cultural community event (ILO1; ILO2; ILO3).		NEW COURSE - Effective 20-21 AY
CHIC 180	La Chicana	1 Describe the historical and etymological evolution of the terms Chicana and Chicano. [ILO1, ILO2, ILO4, ILO5].		NEW COURSE - Effective 20-21 AY
		2 Recognize the historical and social aspects of the experiences of Chicana women in the United States. [ILO2, ILO5]		NEW COURSE - Effective 20-21 AY
		3 Identify the the origins of sexism and inequality in patriarchal society and feminist responses to patriarchy through academia, literature, art, and music (ILO1, ILO 2, ILO4, ILO5).		NEW COURSE - Effective 20-21 AY
		4 Recognize the concept of the extension of borders from the physical to the metaphorical as express through the teachings of Gloria Anzaldua (ILO 1, ILO2, ILO 4, ILO5).		NEW COURSE - Effective 20-21 AY
		5 Analyze Chicana Literary topic themes and other artistic expressions (ILO2, ILO3, ILO4, ILO5).		NEW COURSE - Effective 20-21 AY
EDUC 200	Introduction to Elementary Classroom Teaching	1 describe what students should know and be able to do in each subject in each year (ILO1, IOL4)		
		2 Work in collaborative practices to increase student achievement (ILO1, ILO3)	F20	
		3 Interpret and analyze data from formative and summative assessments (ILO2)	F20	
EDUC 202	Tutor Training	1 demonstrate communication skills necessary for encouraging student learning and engagement (ILO1).	When Offered	not taught in five years, but may be reinstated.
GEOG 100		1 Demonstrate your understanding of geographic patterns of a specific locale by analyzing the flora, fauna, and weather patterns in relation to its physical setting. (ILO1, ILO2, ILO3, ILO4, ILO5)	F21	Spring 17
		2 Analyze current spatial geographic events using the Five Themes of Geography (ILO1, IOL2, IOL4)	F21	Spring 17
		3 Explain Plate Tectonics and how it has influenced landform formation (ILO1, ILO2, ILO4, ILO5)	F21	Fall 18
GEOG 102	Cultural Geography	1 Analyze and compare cultures in terms of global population patterns.(ILO1, ILO2, ILO5)	F21	
		2 Analyze current spatial geographic events using the Five Themes of Geography (ILO1, IOL2, IOL4)	F21	
		3 Evaluate human migration patterns using push and pull factors as a tool (ILO1, ILO2, ILO4, ILO5)	F21	Spring 18
GEOG 108	World Regional Geography	1 Analyze and compare cultures in terms of global population patterns.(ILO1, ILO2, ILO5)	Sp21	
		2 Analyze current spatial geographic events using the Five Themes of Geography (ILO1, IOL2, IOL4)	Sp21	Spring 17
		3 Analyze the global economy in terms of regional production patterns (ILO2, ILO4, ILO5).	Sp21	Fall 18
GEOG 111	Physical Geography Laboratory	1 Explain how the Earth's geometry and motions in space affect environmental patterns and processes. (ILO3, ILO5)	Sp21	Spring 19
		2 List, identify, and map the Earth's major physiographic features and climate distributions. (ILO5)	Sp21	Spring 19
		3 Collect and analyze geographic data and produce geographic tables, graphs and maps. (ILO4)	Sp21	Fall 18
GEOG 140	California Geography	1 Analyze the physical processes that shape California's natural environments.	Sp22	Spring 18

		2 Evaluate the use of natural resources in California in the development of both the state's human and physical landscapes.	Sp22	
		3 Identify the origins, placement and future trends of California's economy, including agriculture, industry and services.	Sp22	Fall 18
GEOG 155	Introduction to Geographic Information Systems and Techniques with Lab	1 comprehend fundamental concepts of Geographic Information Systems. (ILO2, ILO4, ILO5)		
		2 apply basic data visualization concepts, including color theory and symbolization. (ILO1, ILO2, ILO4)		
		3 apply GIS in the analysis of geospatial problems. (ILO1, ILO2, ILO4)		
HIST 100	Early World History	1 Identify and describe the chief political, social, economic and/or cultural characteristics of important ancient and pre-modern civilizations, cultures, and societies. (ILO1; ILO2; ILO5)	F20	
		2 Read, evaluate and analyze primary and secondary historical sources and display an understanding of these sources competently and persuasively in a written and/or oral report, on topics relevant to early world history. (ILO1; ILO2; ILO4; ILO5)	F20	
		3 Display an understanding of world geography relevant to early world history and successfully explain how the physical and natural environment has both affected and been affected by human societies. (ILO5)	F20	
HIST 101	Modern World History	1 Identify and describe the chief political, social, economic and/or cultural characteristics of important pre-modern and modern civilizations, cultures, nations, and societies. (ILO1; ILO2; ILO5)	Sp21	
		2 Read, evaluate and analyze primary and secondary historical sources and display an understanding of these sources competently and persuasively in a written and/or oral report, on topics relevant to modern world history. (ILO1; ILO2; ILO4; ILO5)	Sp21	
		3 Display an understanding of world geography relevant to modern world history and successfully explain how the physical and natural environment has both affected and been affected by human societies. (ILO5)	Sp21	
HIST 110	Early Western Civilization	1 Identify and recall key information from a historical text or documentary film. (ILO1)	F20	
		2 Describe the causes and/or impact of a historical event in Western Civilization. (ILO1, ILO2, ILO5)	F20	
		3 Explain the significance of a historical text in Western Civilization by the end of the course. (ILO1, ILO2, ILO5)	F20	
HIST 111	Modern Western Civilization	1 Identify and recall key information from a historical text or documentary film. (ILO1)	Sp21	
		2 Describe the causes and/or impact of a historical event in Western Civilization. (ILO1, ILO2, ILO5)	Sp21	
		3 Explain the significance of a historical text in Western Civilization by the end of the course. (ILO1, ILO2, ILO5)	Sp21	
HIST 120	United States History: Prehistory to Reconstruction	1 Identify and recall key information from a historical text and/or a documentary film. (ILO1)	W21	
		2 Describe the causes and/or impact of a historical event. (ILO1, ILO2)	W21	
		3 Explain and analyze the key information contained in a primary source document. (ILO1, ILO2)	W21	
HIST 121	United States History: Reconstruction to the Present	1 Identify and recall key information from a historical text and/or a documentary film. (ILO1)	SU21	
		2 Describe the causes and/or impact of a historical event. (ILO1, ILO2)	SU21	

		3	Explain and analyze the key information contained in a primary source document. (ILO1, ILO2)	SU21	
HIST 130	Early Latin America	1	Describe the causes and/or impacts of a historical event. (ILO2, ILO4, ILO5)	F20	
HIST 131	Modern Latin America	1	Identify and recall key information from a historical text and/or documentary film (ISLO 2, 4, 5).	Sp22	
		2	Describe the causes and/or impacts of a historical event (ISLO 2, 4, 5).	Sp22	
		3	Present the information in a manner required (ISLO 1, 2, 3).	Sp22	
HIST 132	History of Mexico	1	Identify and recall key information from a historical text and/or a documentary film (ISLO 2, 4, 5).	F22	
		2	Describe the causes and/or impacts of a historical event (ISLO 1, 2, 5).	F22	
		3	Present the information in the format required (ISLO 1, 3).	F22	
HIST 160	Middle East from 600	1	Describe the causes and/or impacts of a historical event. (ILO2, ILO4, ILO5)	Sp20	
HIST 220	Women in American History	1	Describe women's varying roles within American society and analyze and explain how politics, society, and culture defined these roles. (ILO1, ILO2)	Sp21	
		2	Analyze and describe the ways that race, class, ethnicity, place, and religion affected women's position in American society over time. (ILO1, ILO2)	Sp21	
		3	Read, evaluate and analyze primary and/or secondary historical materials to understand the experiences and perspectives of different American women across time. (ILO1, ILO2, ILO4)	Sp21	
HIST 222	History of California	1	Read, comprehend and recall key information from a historical text. (ILO1)	When Offered	not offered anymore, should the dept. delete it?
		2	Analyze a historical text and differentiate between the facts and the author's interpretation and main thesis. (ILO1, ILO2)	When Offered	
		3	Evaluate the level of bias and reliability of a historical text. (ILO1, ILO2, ILO4)	When Offered	
HIST 225	Mexican American History	1	Read, comprehend, and recall key information from a historical text. (ILO1)	Sp22	
		2	Analyze a historical text and differentiate between the facts and the author's interpretation and main thesis. (ILO1, ILO2)	Sp22	
		3	Evaluate the level of bias and reliability of a historical text. (ILO1, ILO2, ILO4)	Sp22	
POLS 100	Introduction to Political Science	1	Develop an understanding of the major sub-fields of political science. (ILO2, ILO4, ILO5)	Sp21	
		2	Examine the world's major ideologies and political systems. (ILO1, ILO2, ILO5)	Sp21	
		3	Develop an understanding of universal Human Rights. (ILO1, ILO2, ILO3, ILO5)	Sp21	
POLS 102	American Government & Politics	1	Develop an understanding of civic responsibility. (ILO3, ILO5).	F21	
		2	Participate in activities that promote the public good (e.g., the voting process, jury duty, community service). (ILO1, ILO3, ILO5).	F21	
		3	Examine the election and voting process. (ILO2, ILO4, ILO5).	F21	
POLS 104	Comparative Politics	1	Develop an understanding of the world community. (ILO2, ILO3, ILO4, ILO5)	Sp22	
		2	Compare and contrast national governments around the world. (ILO1, ILO2, ILO4, ILO5)	Sp22	
		3	Participate in activities that promote global good (e.g., community service, bi-national community service, international charities). (ILO1, ILO2, ILO4, ILO5)	Sp22	
POLS 106	Introduction to International Relations	1	Develop an understanding of the structure and processes of the international community. (ILO2, ILO4, ILO5)	F22	
		2	Identify the responsibilities of national governments in the international system. (ILO1, ILO2, ILO4, ILO5)	F22	
		3	Examine the significance and impact of conflict in world relations and its influence on governments and individuals. (ILO1, ILO2, ILO3, ILO5)	F22	

POLS 800	American Citizenship	1 identify the main principles of the Constitution and demonstrate an understanding of the separation of powers and check and balances. (ILO1, ILO3)	When Offered	Being renamed CITZ 800
PSY 101	Introduction to Psychology	1 identify basic parts and functions of the neuron and lobes of the brain (ILO1; ILO2; ILO3)	F20	Fall 17
		2 identify different parenting styles and their effect on human development (ILO1; ILO2; ILO3)	F20	Fall 17
		3 identify major psychological disorders, key symptoms, and the main strategies used for treatment (ILO1; ILO2; ILO3; ILO5)	F20	Fall 18
PSY 120	Introduction to Counseling	1 Present active listening skills using body language and empathetic paraphrasing. (ILO1, ILO2, ILO3)	Sp21	Spring 16
		2 Demonstrate advanced cognitive behavioral therapy techniques. (ILO1, ILO2, ILO3)	Sp21	Fall 17
		3 Research a counseling theory and present material in class. (ILO1, ILO2, ILO3, ILO4, ILO5)	Sp21	
PSY 130	Group Leadership and Group Process	1 Identify group need. (ILO2, ILO3)	F21	
		2 Select and advertise a type of group. (ILO1, ILO2, ILO3)	F21	
		3 Prepare confidentiality forms. (ILO1, ILO2, ILO3)	F21	
		4 Prepare ground rules for group participation. (ILO1, ILO2, ILO3, ILO5)	F21	
PSY 142	Psychology of Adjustment	1 Identify emotions tied to circumstances and describe healthy coping mechanisms. (ILO1, ILO2, ILO3)	When Offered	
		2 Summarize experience of keeping a journal. (ILO1, ILO2, ILO3)	When Offered	
		3 Create a "SELF" poster and present to class. (ILO1, ILO2, ILO3)	When Offered	
PSY 144	The Psychology of Interpersonal Relationships	1 Identify positive affirmations (ILO1, ILO2, ILO3, ILO5)	When Offered	
		2 Create positive affirmations (ILO1, ILO2, ILO3, ILO5)	When Offered	Fall 17
		3 Practice positive affirmations (ILO1, ILO3)	When Offered	
PSY 146	Psychology of Human Sexuality	1 Identify the critical elements that determine sexual intelligence (ILO1, ILO2, ILO3)	When Offered	
		2 Identify and demonstrate understanding of the major sexual structures for both male and female anatomy. (ILO1, ILO2, ILO3)	When Offered	
		3 Identify and demonstrate understanding of the most current forms of birth control and sexually transmitted infections. (ILO1, ILO2, ILO3, ILO4, ILO5)	When Offered	Fall 18
PSY 200	Biological Psychology	1 Describe the action potential and how communication takes place between neurons. (ILO1, ILO2, ILO3)	F21	Fall 17
		2 Critique current research in biopsychology including the ethical methodology and safeguards used in animal and human studies. (ILO1, ILO2, ILO3, ILO4, ILO5)	F21	
		3 Demonstrate an understanding of psychological theory regarding the relationship between physiology; cognition and emotion. (ILO1, ILO2, ILO3)	F21	
		4 Identify the biological and endocrine based causes of neurological and mental disorders. (ILO1, ILO2, ILO3, ILO4)	F21	
PSY 204	Developmental Psychology: Conception to Death	1 Identify and demonstrate understanding of the physical milestones from conception to death. (ILO1, ILO2, ILO3, ILO5)	Sp21	Spring 16
		2 Identify and demonstrate understanding of the cognitive development patterns from conception to death. (ILO1, ILO2, ILO3, ILO5)	Sp21	Fall 17
		3 Identify and demonstrate understanding of Erikson's stages of psychosocial development. (ILO1, ILO2, ILO3, ILO5)	Sp21	
PSY 206	Social Psychology	1 demonstrate an understanding of how social thinking (beliefs, judgements and attitudes) develops through interaction in the social world (ILO1); (ILO2); (ILO3); (ILO5)	Sp22	
		2 demonstrate an understanding of social influence on conformity, obedience and persuasion (ILO1); (ILO2); (ILO3); (ILO5)	Sp22	

		3 demonstrate an understanding of how interaction in the social world affects social relationships in regard to prejudice; aggression; and attraction (ILO1); (ILO2); (ILO3); (ILO5)	Sp22	
		4 demonstrate an understanding of how you your self have developed from interaction in the social world by choosing two theories and describing how those theories apply to your life today. (ILO1); (ILO2); (ILO3); (ILO5)	Sp22	
PSY 208	Abnormal Psychology	1 Compare and contrast the psychological perspectives on mental disorders. (ILO1, ILO2, ILO3, ILO5)	When Offered	
		2 Demonstrate an understanding of the major mental disorders' symptoms and causes. (ILO1, ILO2, ILO3, ILO5)	When Offered	
		3 Demonstrate an understanding of the varied treatments for major mental disorders. (ILO1, ILO2, ILO3, ILO4)	When Offered	
PSY 210	Crisis Intervention and Referral Techniques	1 Develop and provide brief crisis counseling. (ILO1, ILO2, ILO3, ILO5)	When Offered	
		2 Make appropriate referrals. (ILO1, ILO2, ILO3, ILO5)	When Offered	
		3 Perform a five-point suicide assessment. (ILO1, ILO2, ILO3)	When Offered	
PSY 211	Cognitive Psychology	1 explain, using examples from empirical research, the major areas of interest within the field of cognitive psychology. (ILO1, ILO2, ILO3)		
		2 explain, using examples, the methods used by researchers to study cognitive processes in humans and other species. (ILO1, ILO2, ILO3)		
		3 explain, using examples, the current applications, usefulness and limitations of current theories in cognitive psychology. (ILO1, ILO2, ILO3)		
PSY 212	Research Methods in Psychology	1 Identify and evaluate the various types of research methods used in psychology. (ILO2, ILO3, ILO5)	Sp21	
		2 Write a research proposal and literature review in correct APA format. (ILO1, ILO2, ILO3)	Sp21	
		3 Perform a literature search using electronic databases that provide psychological journal articles. (ILO4, ILO2, ILO3, ILO5)	Sp21	
PSY 214	Statistical Methods in Behavioral Sciences	1 explain common methods for gathering data and identify the strengths and weaknesses of the various approaches (ILO1, ILO2, ILO3); differentiate between descriptive and inferential statistics, populations and samples, and variables and data identify the properties of discrete and continuous variables (ILO1, ILO2, ILO3)	F20	
		2 align statistical notation and symbols with appropriate quantities of equations (e.g. Sigma for summation notation, N for population size etc.) (ILO1, ILO2, ILO3), match data types nominal, ordinal, interval, ratio to the appropriate scales of measurement and explain the implications of data type on the choice of statistical methods (ILO1, ILO2, ILO3).	F20	
		3 create, analyze and interpret graphical and numerical/tabular representations of data (ILO1, ILO2, ILO3); calculate common measures of central tendency (e.g. mean) and variability/dispersion (e.g. standard deviation) for both samples and populations (ILO1, ILO2, ILO3)	F20	
		4 construct and interpret confidence intervals and explain the importance of the Central Limit Theorem in relation to statistical inference (ILO1, ILO2, ILO3); formulate and test hypotheses of sample data using parametric testing such as linear regression, t-tests, and analysis of variance (ILO1, ILO2, ILO3); understand and apply non-parametric methods such as a chi-square as an alternative to parametric testing (ILO1, ILO2, ILO3)	F20	

		5	use computer technology which may include one or more of the following Microsoft Excel, SPSS, R, Minitab to analyze data from a variety of sources such as business, social sciences, psychology, life sciences, health sciences, and education, understand how to create visual displays of data, interpret output and properly format output to conform to APA standards for publication (ILO1, ILO2, ILO3)	F20	
SOC 101	Introduction to Sociology	1		Sp21	
		2	Understand that race, gender and family systems are social constructions. (ILO2, ILO3, ILO4, ILO5)	Sp21	
		3	Distinguish different major sociological theoretical perspectives that explain social behavior. (ILO2, ILO4, ILO5)	Sp21	
		4	Assess both macro social influences and micro social influences in understanding a particular social issue. (ILO1, ILO2, ILO4, ILO5)	Sp21	
SOC 102	Contemporary Social Problems	1	Define and apply the basic concepts of sociology including culture, status, roles, norms, institutions, social class, race, gender. (ILO2, ILO3, ILO4, ILO5)	F20	
		2	Distinguish different major sociological theoretical perspectives that explain social behavior. (ILO2, ILO4, ILO5)	F20	
		3	Read, summarize and evaluate peer-reviewed empirical studies. (ILO1, ILO2, ILO3, ILO4)	F20	
		4	Demonstrate the ability to make oral presentations that are organized, rely on evidence and engage the audience. (ILO1, ILO2, ILO4)	F20	
SOC 110	Marriage and the Family	1	Understand that race, gender and family systems are social constructions. (ILO2, ILO3, ILO4, ILO5)	Sp21	
		2	Demonstrate the ability to make oral presentations that are organized, rely on evidence and engage the audience. (ILO1, ILO2, ILO3, ILO4)	Sp21	
		3	Evaluate how different sociological theories apply to particular social issues and problems. (ILO1, ILO2, ILO4, ILO5)	Sp21	
SOC 120	Introduction to Research Methods	1	Identify basic methodological approaches and describe the general role of methods in building sociological knowledge. (ILO2, ILO4, ILO5).	Sp21	
		2	Design a research study in an area of choice and explain why various decisions were made. (ILO1, ILO2, ILO 3, ILO4)	Sp21	
SOC 150	Sociology of Minority Groups	1	Assess both macro social influences and micro social influences in understanding a particular social issue. (ILO1, ILO2, ILO4, ILO5)	F21	
		2	Communicate the background, findings and implications of published work using APA format. (ILO1, ILO2, ILO3, ILO4)	F21	
		3	Demonstrate the ability to make oral presentations that are organized, rely on evidence and engage the audience. (ILO1, ILO2, ILO3, ILO4)	F21	
		4	Evaluate how different sociological theories apply to particular social issues and problems. (ILO1, ILO2, ILO4, ILO5)	F21	
SOC 180	La Chicana	1	Describe the historical and etymological evolution of the terms Chicana and Chicano. [ILO1, ILO2, ILO4, ILO5].		NEW COURSE - Effective 20-21 AY
		2	Recognize the historical and social aspects of the experiences of Chicana women in the United States. [ILO2. ILO5]		NEW COURSE - Effective 20-21 AY
		3	Identify the the origins of sexism and inequality in patriarchal society and feminist responses to patriarchy through academia, literature, art, and music (ILO1, ILO 2, ILO4, ILO5).		NEW COURSE - Effective 20-21 AY

		4 Recognize the concept of the extension of borders from the physical to the metaphorical as express through the teachings of Gloria Anzaldua (ILO 1, ILO2, ILO 4, ILO5).		NEW COURSE - Effective 20-21 AY
		5 Analyze Chicana Literary topic themes and other artistic expressions (ILO2, ILO3, ILO4, ILO5).		NEW COURSE - Effective 20-21 AY
SOC 206	Social Psychology	1 demonstrate an understanding of how social thinking (beliefs, judgements and attitudes) develops through interaction in the social world (ILO1); (ILO2); (ILO3); (ILO5)	Sp22	
		2 demonstrate an understanding of social influence on conformity, obedience and persuasion (ILO1); (ILO2); (ILO3);(ILO5)	Sp22	
		3 demonstrate an understanding of how interaction in the social world affects social relationships in regard to prejudice; aggression; and attraction (ILO1); (ILO2); (ILO3); (ILO5)	Sp22	
		4 demonstrate an understanding of how you your self have developed from interaction in the social world by choosing two theories and describing how those theories apply to your life today. (ILO1); (ILO2); (ILO3); (ILO5)	Sp22	
SW 220	Introduction to Social Work	1 Define within a global perspective social welfare, social institutions, social services, and social work and identify the different populations that are served by these systems (ILO1, ILO2, ILO5)	Sp21	
		2 Distinguish social welfare from other major social institutions and social work from other helping professions. (ILO1, ILO2, ILO5)	Sp21	
		3 Demonstrate a beginning knowledge of the role of information technology in provision of social services. (ILO4)	Sp21	
		4 Making an informed career decision by means of a voluteer assignment in a human service agency as well as the experience of taking this course. (ILO1, ILO2, ILO3, ILO4, ILO5)	Sp21	
ADDICTION DISORDER STUDIES - A.S. and CERT		1 Demonstrate understanding of the physical and psychological disease of addiction.	Fall 19/22	
		2 Demonstrate an understanding of counseling theory used in addiction counseling.		
		3 Demonstrate critical thinking and skills to intervene with an addict and the codependent family.		
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Deapartment uses two higher-level courses.	What does Aruna use? Capstone of Practicum?	
ANTHROPOLOGY FOR TRANSFER		1 Global Biological Diversity by critically analyzing the evolutionary history of humankind through the fossil record, and the current biological diversity based on scientific evidence of environmental adaptation and the study of genetics. (Biological/Physical Anthropology);	Fall 20/ 23	
		2 Cultural change and development by comparing and contrasting the different stages of cultural development at various geographic regions of the world and the causal factors that lead towards civilizations, monumental architecture, writing, and social stratification. (Archaeology);		
		3 Global Cultural Diversity by recognizing the various social institutions, linguistic diversity, the ways societies have adapted to different environments, and modern and traditional health care system. (Cultural Anthropology);		
		4 Comparing and contrasting the Indigenous Cultures of North America, their prehistory, language and social diversity, mythology, and adaptation to a diverse geography and environment. (American Indian Studies)		

		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Exam	
BEHAVIORAL SCIENCE - A.A.	1	Use critical thinking skills regarding the diversity of individuals and groups within the role of culture, ethnic and economic factors when describing behaviors, attitudes and feelings of people in society.	Fall 21	
	2	Apply critical thinking skills to explain how anthropology, psychology and sociology influence one another as well as individuals and groups in society.	18 Units	
	3	Apply the scientific method to investigate, interpret and discuss Behavioral Science issues and social problems.		
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Piecemeal overview with Kevin and Chair.	
ELEMENTARY TEACHER EDUCATION FOR TRANSFER	1	Students will understand the historical context of elementary education, including its relationship	Fall 21	
	2	Students will develop a comprehensive professional portfolio for the teaching profession.		
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Piecemeal overview with Kevin and Chair.	
GEOGRAPHY FOR TRANSFER	1	Acquire and utilize terminology and vocabulary appropriate to geography as a field of study and academic discipline;	Fall 20/23	
	2	Establish and exercise the skills necessary to express and interpret spatial relations and patterns via maps and/or other geo-spatial representational media;		
	3	Identify and demonstrate the major concepts associated with Cultural, Physical, and Regional Geography in written and oral formats;		
	4	Explain fundamental physical relationships among the atmosphere, hydrosphere, lithosphere and biosphere, within the context of the scientific method;		
	5	Demonstrate critical thinking skills necessary to utilize a geographic perspective in explaining geo-spatial relationships, distributions, and impacts in scalar terms.		
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Uses 108 and 140	
HISTORY FOR TRANSFER	1	Display knowledge of important societies, cultures, people, and events in the history of the world, describing the causes and impacts of key historical events.	Fall 19/22	
	2	Identify and describe how and why different people, societies, and cultures have interacted with each other and how those interactions changed and influenced human communities in different		
	3	Research, evaluate, analyze, and interpret different types of historical texts and information and effectively present conclusions and results in well-crafted oral and/or written forms.		
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Use courses 100, 101, 120, and 121. SLOs and final grades.	
POLITICAL SCIENCE FOR TRANSFER	1	Use critical thinking skills to develop an understanding of the international community.	Fall 20/23	
	2	Develop an appreciation and understanding of the american political system from historical, political, economic, and social perspectives.		

		3	Develop an understanding of the world's major political ideologies to include liberalism, socialism, communism, and conservatism.		
			PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Steve and Rick?	
PSYCHOLOGY FOR TRANSFER		1	Demonstrate understanding and analyze the major theoretical perspectives, historical trends, and current research in psychology.	Fall 19/22	
		2	Demonstrate an understanding of the interaction of the biological basis of behavior, cognition and emotion with the environmental basis for behavior, cognition and emotion.		
		3	Demonstrate critical thinking by applying psychological theory and the scientific approach, to understanding and solving diverse personal and social issues related to behavior and/or cognition.		
			PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Nicole?	
SOCIAL SCIENCE		1	Demonstrate clear and effective writing about a specified social science concentration of study.	Fall 20/23	
		2	Demonstrate clear and effective oral communication about a specified social science concentration of study.		
		3	Relate knowledge associated with a specified social science concentration of study to global and indigenous perspectives.		
			PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Piecemeal overview with Kevin and Chair.	
SOCIOLOGY FOR TRANSFER		1	Demonstrate the ability to find information, assess evidence and evaluate arguments in empirical studies.	Fall 21/24	
		2	Demonstrate an understanding of how social structures (families, schools, churches, laws) influence day to day experiences of individuals.		
		3	Demonstrate the ability to be able to find empirical studies and assess the evidence in those studies.		
			PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Barbra Reyes?	

### M&S - EXERCISE/WELLNESS/SPORTS Department (Andrew Robinson) (ATHL, HE, PE)

Subject Code	Course Title	Course Outcomes	Cycle Plan	Data Collected Including Closing of the Loop
ATHL 120	Intercollegiate Cross Country & PE	1 Perform with a high degree of proficiency the techniques and skills of competitive cross country. (ISLO2, ISLO3)	F20	
		2 Increase the physical conditioning for finishing the race/the kick. (ISLO2, ISLO3)	F20	
ATHL 121	Out-of-Season Intercollegiate Cross Country & PE	1 Perform with a high degree of proficiency the techniques and skills of competitive cross country. (ISLO2, ISLO3)	Sp20	
		2 Increase the physical conditioning for finishing the race/the kick. (ISLO2, ISLO3)	Sp20	
ATHL 122	Intercollegiate Volleyball & PE	1 Perform with a high degree of proficiency the techniques and skills of competitive volleyball. (ILO2, ILO3)	F20	

		2	Increase and improve their physical their physical conditioning for competitive volleyball. (ILO1, ILO2, ILO3)	F20	
ATHL 123	Out-of-Season Intercollegiate Volleyball & PE	1	Perform with an increased degree of proficiency, the skills and techniques of competitive volleyball. (ILO1, ILO2, ILO3)	Sp20	
		2	Improve and increase their physical conditioning for competitive volleyball. (ILO1, ILO2, ILO3)	Sp20	
ATHL 124	Intercollegiate Men's Soccer & PE	1	Perform with an increasing degree of proficiency, the skills and techniques of competitive soccer. (ILO1, ILO2, ILO3)	F20	
		2	Increase and improve their physical conditioning for competitive soccer.(ILO1, ILO2, ILO3)	F20	
ATHL 125	Out-of-Season Intercollegiate Men's Soccer & PE	1	Perform with an increasing degree of proficiency, the skills and techniques of competitive soccer. (ILO1, ILO2, ILO3)	Sp20	
		2	Increase and improve their physical conditioning for competitive soccer.(ILO1, ILO2, ILO3)	Sp20	
ATHL 126	Intercollegiate Women's Soccer & PE	1	Perform with an increasing degree of proficiency, the skills and techniques of competitive soccer. (ILO1, ILO2, ILO3)	F20	
		2	Increase and improve their physical conditioning for competitive soccer.(ILO1, ILO2, ILO3)	F20	
ATHL 127	Out-of-Season Intercollegiate Women's Soccer & PE	1	Perform with an increasing degree of proficiency, the skills and techniques of competitive soccer. (ILO1, ILO2, ILO3)	Sp20	
		2	Increase and improve their physical conditioning for competitive soccer.(ILO1, ILO2, ILO3)	Sp20	
ATHL 128	Intercollegiate Men's Basketball & PE 1	1	Perform, with an increasing degree of proficiency, the skills, techniques, and strategies of competitive intercollegiate basketball. (ILO1, ILO3)	Sp20	
		2	Improve cardiovascular and muscular fitness. (ILO1, ILO3)	Sp20	
ATHL 129	Intercollegiate Men's Basketball & PE 2	1	Perform, with an increasing degree of proficiency, the skills, techniques, and strategies of competitive intercollegiate basketball. (ILO1, ILO3)	Sp21	
		2	Improve cardiovascular and muscular fitness. (ILO1, ILO3)	Sp21	Spring 18
ATHL 130	Intercollegiate Women's Basketball & PE 1	1	Perform, with an increasing degree of proficiency, the skills, techniques, and strategies of competitive intercollegiate basketball. (ILO1, ILO3)	Sp20	
		2	Improve cardiovascular and muscular fitness. (ILO1, ILO3)	Sp20	
ATHL 131	Intercollegiate Women's Basketball & PE 2	1	Perform, with an increasing degree of proficiency, the skills, techniques, and strategies of competitive intercollegiate basketball. (ILO1, ILO3)	Sp21	
		2	Improve cardiovascular and muscular fitness. (ILO1, ILO3)	Sp21	
ATHL 132	Out-of-Season Intercollegiate Baseball & PE	1	Perform with an increasing degree of proficiency, the offensive skills and techniques of competitive baseball. (ILO1, ILO2, ILO3)	Sp21	Spring 17
		2	Perform with an increasing degree of proficiency, the defensive skills and techniques of competitive baseball. (ILO1, ILO2, ILO3)	Sp21	
ATHL 133	Intercollegiate Baseball & PE	1	Perform with an increasing degree of proficiency, the offensive skills and techniques of competitive baseball. (ILO1, ILO2, ILO3)	F20	
		2	Perform with an increasing degree of proficiency, the defensive skills and techniques of competitive baseball. (ILO1, ILO2, ILO3)	F20	Spring 17
ATHL 134	Out-of-Season Intercollegiate Softball & PE	1	Perform with an increasing degree of proficiency, the offensive skills and techniques of competitive softball. (ILO1, ILO2, ILO3)	Sp21	
		2	Perform with an increasing degree of proficiency, the defensive skills and techniques of competitive softball. (ILO1, ILO2, ILO3)	Sp21	

ATHL 135	Intercollegiate Softball & PE	1 Perform with an increasing degree of proficiency, the offensive skills and techniques of competitive softball. (ILO1, ILO2, ILO3)	F20	
		2 Perform with an increasing degree of proficiency, the defensive skills and techniques of competitive softball. (ILO1, ILO2, ILO3)	F20	
ATHL 136	Out-of-Season Intercollegiate Men's Tennis & PE	1 Perform with an increasing degree of proficiency the skills, footwork, and strategies of singles and doubles competition. (ILO1, ILO2, ILO3, ILO4)	Sp21	
		2 Increase and improve their physical conditioning for competitive tennis.(ILO1, ILO2, ILO3)	Sp21	
ATHL 137	Intercollegiate Men's Tennis & PE	1 Perform with an increasing degree of proficiency the skills, footwork, and strategies of singles and doubles competition. (ILO1, ILO2, ILO3, ILO4)	F20	
		2 Increase and improve their physical conditioning for competitive tennis.(ILO1, ILO2, ILO3)	F20	
ATHL 138	Out-of-Season Intercollegiate Women's Tennis & PE	1 Perform with an increasing degree of proficiency the skills, footwork, and strategies of singles and doubles competition. (ILO1, ILO2, ILO3, ILO4)	Sp21	
		2 Increase and improve their physical conditioning for competitive tennis.(ILO1, ILO2, ILO3)	Sp21	
ATHL 139	Intercollegiate Women's Tennis & PE	1 Perform with an increasing degree of proficiency the skills, footwork, and strategies of singles and doubles competition. (ILO1, ILO2, ILO3, ILO4)	F20	
		2 Increase and improve their physical conditioning for competitive tennis.(ILO1, ILO2, ILO3)	F20	
HE 100	Health Education - Military Service	1		
HE 102	Health Education	1 Engage in a personal cardiovascular program. (ILO3)	F20	Spring 18
		2 Identify basic health terms. (ILO2)	F20	Spring 18
		3 Increase knowledge of how to properly execute a successful healthy behavior change (ILO2, ILO3, ILO4)	F20	Spring 17
HE 103	Introduction to Pulic Health	1 Interpret quantitative and qualitative information about population health. (ILO4, ILO5)	Sp20	
		2 Describe interconnected relationships among physical, social, and environmental aspects of health and disease. (ILO1, ILO2, ILO3)	Sp20	
HE 104	First Aid and CPR	1 Explain how the EMS system works and the citizen responder's role. (ILO1, ILO2, ILO3, ILO4)	F20	
		2 Demonstrate the care given for choking and other breathing emergencies. (ILO1, ILO2, ILO3, ILO4)	F20	
		3 Recognize the signals of a possible heart attack and describe the care for someone who is experiencing chest pain. (ILO1, ILO2, ILO3, ILO4, ILO5)	F20	
		4 Explain and identify types of wounds, coutrol bleeding and bandage appropriately. (ILO1, ILO2, ILO3, ILO4)	F20	Spring 17
HE 106	Introduction to Nutrition Science	1 Analyze and evaluate in the importance of healthy nutritional knowledge across all stages of life. (ILO3, ILO4)	Sp20	
		2 Implement the use of computer analysis program focused on dietary tracking. (ILO2, ILO3, ILO4)	Sp20	
HE 804	Health Education - Older Adults	1 Maintain appropriate mental and physical health in Older Adults (flexibility, strength, balance and endurance). (ILO3)	F20	
PE 100	Lifetime Exercise Science	1 Identify correct strength training principles and design a personal strength training program. (ILO2)	Sp20	Spring 19

		2	Identify correct cardiovascular principles and design a personal cardiovascular program. (ILO2)	Sp20	
PE 102	Physical Fitness	1	Demonstrate strength and endurance components. (ILO1, ILO2, ILO3, ILO4)	Sp20	Spring 17
		2	Demonstrate improved cardiovascular fitness. (ILO1, ILO2, ILO3, ILO4)	Sp20	
PE 103	Physical Fitness - Women	1	Demonstrate strength and endurance components. (ILO1, ILO2, ILO3, ILO4)	Sp20	Spring 17
		2	Demonstrate improved cardiovascular fitness. (ILO1, ILO2, ILO3, ILO4)	Sp20	
PE 104	Weight Training	1	Create and implement a comprehensive personal strength training program. (ILO1, ILO2, ILO3)	Sp20	
		2	Demonstrate knowledge of strength development and appropriate weight training principles. (ILO1, ILO2, ILO3, ILO4)	Sp20	
PE 106	Walking/Jogging Fitness	1	demonstrate improved aerobic fitness. (ILO3)	F21	Spring 17
		2	design, implement and critique a walking/jogging route of a designated distance around his/her neighborhood using a satellite system. (ILO1, 2, 3, 4, 5)	F21	
PE 107	Aquatic Exercise	1	Design, implement and critique a 60 minute comprehensive aquatic workout. (ILO1, 2, 3, 4)	Sp20	
		2	Increase cardiovascular fitness. (ILO3)	Sp20	
PE 110	Physical Education Activity - Military Service	1			
PE 111	Aerobics - Step	1	Understand basic step aerobics steps and moves. (ILO1)	F22	
		2	Be able to do step aerobics for at least 30 continuous minutes. (ILO3)	F22	
PE 112	Basketball - Co-Ed	1	Perform with an increasing degree of proficiency in the skills, techniques and strategies of basketball. (ILO1, ILO2, ILO3)	Sp20	Spring 18
PE 120	Softball	1	Perform the offensive and defensive "hit and run" skill with an increasing degree of proficiency. (ILO1, ILO2, ILO3)	Sp20	
PE 121	Beginning to Intermediate Swimming	1	exhibit improved swimming skills by moving up one level on the Am Red Cross Learn-to-Swim Program (ILO3)	Sp20	
		2	create, implement, and critique one 45 minute swim workout (ILO 1, 2, 3)	Sp20	
PE 122	Lifeguard Training	1	demonstrate knowledge of water safety skills and American Red Cross rescue techniques (ILO 1, 2, 3)	F22	
		2	recognize an aquatic emergency and respond by demonstrating appropriate entry, approach, and rescue of victim according to American Red Cross standards (ILO 1, 2, 3, 4)	F22	
PE 123	Water Safety Instr Train	1	demonstrate knowledge of swimming skills (ILO1, 2, 4)	F22	
		2	implement a lesson plan that effectively teaches one aquatic skill using appropriate organization, strategies, cues, and constructive feedback (ILO 1, 2, 3, 4)	F22	
PE 126	Tennis	1	exhibit improved fundamental tennis strokes and foot work. (ILO1, ILO2, ILO3, ILO4)	F20	
		2	demonstrate knowledge of tennis fundamentals and court etiquette. (ILO1, ILO2, ILO4)	F20	Spring 17
PE 127	Tennis - Advanced	1	perform the skills, footwork, and strategies of tennis with an increased degree of proficiency. (ILO1, ILO2, ILO3, ILO4)	F20	
		2	demonstrate comprehensive knowledge of tennis concepts. (ILO1, ILO2, ILO4)	F20	
PE 128	Volleyball	1	demonstrate basic skills (passing, setting, spiking & serving). (ILO1, ILO3)		Spring 17
		2	explain basic strategies of offensive and defensive transitions. (ILO1, ILO2, ILO4, ILO5)	F20	
PE 129	Volleyball - Advanced	1	demonstrate the knowledge of the history of indoor and beach volleyball games. (ILO2, ILO3, ILO4)	F20	
		2	understand the basic terminology used in volleyball. (ILO1, ILO2, ILO4)	F20	
PE 130	Adapted Physical Exercise	1	exhibit improved fitness in one of the fitness principles (ILO3)	F22	

		2 design a comprehensive workout plan following sound fitness principles. (ILO1, ILO2, ILO4)		
PE 131	Adapted Sports	1 demonstrate improved skills in one sport. (ILO3)	F22	
		2 design, implement, and critique a workout plan incorporating training activities involved in one sport (ILO1, 2, 4)	F22	
PE 142	Advanced Swimming	1 exhibit improved swimming endurance (ILO3)	F22	
		2 create, implement, and critique one 60 minute comprehensive aquatic workout (ILO 1, 2, 3, 4)		
PE 170	Beginning Bowling	1 Demonstrate fundamental skills and techniques. (ILO1, ILO2, ILO3, ILO4)	F22	
		2 Apply the procedures used in scoring. (ILO1, ILO2, ILO3, ILO4)	Sp21	
		3 Identify the rules of bowling etiquette. (ILO1, ILO3)	Sp21	
PE 171	Intermediate Bowling	1 Understand the forces that affect the path of the ball. (ILO1, ILO2, ILO3)	Sp21	
		2 Identify and correct improper stance and release techniques to assist in a higher percentage of hit pins. (ILO1, ILO2, ILO3)	Sp21	
		3 Able to skillfully deliver the ball to the proper points of aim for strikes and spares. (ILO1, ILO2, ILO3)	Sp21	
PE 172	Advanced Bowling	1 Demonstrate competency in advanced skills and techniques with relation to delivery principles, strike principles and spare principles. (ILO2, ILO3, ILO4)	Sp21	
		2 Demonstrate the 3-6-9 and 2-4-6- adjustment systems. (ILO3, ILO4)	Sp21	
		3 Demonstrate competitive play in a tournament setting. (ILO3)	Sp21	
PE 200	Theory of Baseball	1 Demonstrate appropriate offensive baseball strategy. (ILO2, ILO3, ILO4)	F22	
		2 Demonstrate appropriate defensive baseball strategy. (ILO2, ILO3, ILO4)	F22	
PE 201	Theory of Basketball	1 Identify offensive and defensive concepts of team basketball with an increasing degree of proficiency. (ILO1, ILO2, ILO4)	F22	
		2 Perform with an increasing degree of proficiency in the fundamental skills, techniques, and strategies of basketball. (ILO1, ILO2, ILO3)	F22	
PE 202	Theory of Softball	1 Demonstrate appropriate offensive softball strategies. (ILO2, ILO3, ILO4)	F22	
		2 Demonstrate appropriate defensive softball strategies. (ILO2, ILO3, ILO4)	F22	
PE 203	Theory of Volleyball	1 Demonstrate the knowledge of the history of indoor and beach volleyball games. (ILO2, ILO3, ILO4)	F22	
		2 Describe some of the basic workouts that prepare a player for success in the game. (ILO1, ILO2, ILO4)	F22	
		3 Compose a nutritional regime that meets criteria necessary for quality performance. (ILO1, ILO2, ILO3, ILO4, ILO5)	F22	
		4 Experience basic offensive and defensive systems utilized and know the strategy of when to use them. (ILO1, ILO2, ILO3, ILO4, ILO5)	F22	
PE 209	Introduction to Kinesiology	1 Identify cultural influences and trends influencing physical education/Kinesiology.(ISLO2, ISLO4, ISLO5)	F20	Spring 17
		2 Identify career related fields in Physical Education, Exercise Science and Kinesiology. (ISLO1, ISLO2, ISLO5)	F20	
		3 Assess future issues in Physical Education and Kinesiology. (ISLO2, ISLO4, ISLO5)	F20	
PE 211	Physical Education in the Elementary School	1 Create and perform appropriate elementary PE lessons. (ILO1, ILO2, ILO3)	F20	Spring 19
		2 Determine and evaluate appropriate and inappropriate elementary PE practices and lesson components. (ILO1, ILO2, ILO3, ILO4)	F20	
		3 Critique lesson highlights and needed improvements. (ILO1, ILO2, ILO3)	F20	

PE 219	Introduction to Athletic Training	1	Discuss the duties of an Athletic Trainer and the requirements for certification. (ILO1, ILO3, ILO4)	Sp20	
		2	Identify and care for common athletic injuries. (ILO1, ILO2, ILO3)	Sp20	
		3	Recognize and provide emergency first aid for serious athletic injuries. (ILO1, ILO2, ILO3, ILO4)	Sp20	
PE 221	Psychology of Coaching	1	Analyze the role that competition plays in our continuing development as individuals. (ILO1, ILO2, ILO3, ILO4, ILO5)	Sp20	
		2	Explain psychological principles used by successful coaches in various sports. (ILO1, ILO2, ILO3, ILO4, ILO5)	Sp20	
		3	Identify the problems in sports as they relate to mental vs. physical performance. (ILO1, ILO2, ILO3)	Sp20	
PE 222	Sports Officiating	1	Observe, identify and utilize the basic techniques of officiating. (ILO1, ILO2, ILO3, ILO4, ILO5)	Sp20	
		2	Understand and implement the rules for each sport. (ILO1, ILO2, ILO3, ILO4)	Sp20	
		3	Understand and implement the appropriate hand gestures with the specific call/rule. (ILO1, ILO2, ILO3, ILO4)	Sp20	
PE 800	Exercise for the Developmentally Disabled	1		F20	
KINESIOLOGY FOR TRANSFER		1	Identify common injuries in the field of athletics and physical education, and then discuss short-term and long-term treatment plans.	Fall 21	
		2	Demonstrate safe and effective exercise techniques, as well as improved fitness in the four areas of exercise principles (Cardio-respiratory Endurance, Muscular Strength and Endurance, Flexibility, and Body Composition).	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.		30 question assessment tool combining information PE 100, PE 209, PE 219	
PHYSICAL EDUCATION		1	List various occupations in the field of physical education and exercise science, and then summarize the educational requirements for employment in each field.	Fall 21	
		2	Demonstrate skills needed to meet the minimal certification standards when performing first aid and CPR as required by either the American Red Cross (ARC) or American Heart Association (AHA).	Fall 21	
		3	Demonstrate safe and effective exercise techniques, as well as improved fitness in the four areas of exercise principles (Cardio-respiratory Endurance, Muscular Strength and Endurance, Flexibility, and Body Composition).	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.		The assessment tool to be used will be the final exam from PE100-Fitness for life	
PUBLIC HEALTH SCIENCE FOR TRANSFER		1	Students will be able to identify, assess, utilize and articulate credible information resources on personal and public health current issues, such as the Internet, social media, media outlets, and libraries.	Fall 21	
		2	Students will be able to effectively communicate strategies or tactics to improve health inequalities, such as advocacy, community organizing, and/or policy change.	Fall 21	
		3	Students will obtain a critical understanding and apply knowledge of Personal and Public Health in real life settings from the sub-disciplines of Human Anatomy and Physiology, Statistics, Chemistry, and Psychology.	Fall 21	

		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	The assessment tool that will be used will be the comprehensive final used in Health Ed 103-Intro to public health.
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### M&S - SCIENCE Department (Daniel Gilson) (ASTR, BIOL, CHEM, ENVS, GEOL, PHSC, PHYS)

Subject Code	Course Title	Course Outcomes	Cycle Plan	Data Collected Including Closing of the Loop
ASTR 100	Principles of Astronomy	1 comprehend the workings of the seasons around the Earth and their intrinsic cause. (ILO2, ILO5)	F22	Spring 17
		2 determine the phases of the Moon based on its location with respect to the Earth and the Sun. (ILO2)	F20	
		3 conceptualize, both in physical size and in time of formation, the differences between the Solar System and the Universe. (ILO2)	F21	
BIOL 090	Human Anatomy and Physiology for Health Professionals	1 Explain how the major organ systems function. (ILO2, ILO5)	Sp20	Spring 17
		2 Apply his/her knowledge of organ system function to solve problems based on materials and situations not covered directly in class. (ILO1, ILO2, ILO5)	Sp21	Spring 18
		3 Keep up-to-date with the materials that are covered in class. (ILO3, ILO4)	Sp22	Spring 19
BIOL 100	Principles Of Biological Science	1 demonstrate an understanding of the steps of the scientific method. (ILO2)	F20	Fall 18
BIOL 120	General Zoology I	1 display oral communication effectiveness by doing an oral presentation of a research paper. (ILO1)	When offered	
		2 display the ability to show critical thinking by answering short essay type questions on exams. (ILO2)	When offered	
		3 display ability to understand written and illustrated information on the subject matter. (ILO4)	When offered	
BIOL 120	General Zoology I	4 display an understanding of global impact on and by invertebrate animals. (ILO5)	When offered	
BIOL 122	General Zoology II	1 display oral communication effectiveness by an oral presentation of a research paper subject. (ILO1)	When offered	
		2 display the ability to show critical thinking on the subject by answering short answer questions on exams. (ILO2)	When offered	
		3 display the ability to understand written and illustrated information on the subject matter on exam questions. (ILO4)	When offered	
		4 display an understanding of the global impact on and by vertebrate animals. (ILO5)	When offered	Spring 19
BIOL 140	General Botany	1 identify an important issue in botany, conduct research via literature, interviews with experts and hands-on projects, and clearly communicate content learned about the project by writing a research paper. (ILO1)	F22	Spring 19
		2 use systems thinking to explain how a selected topic in botany interconnects with global communities, ecosystems or human societies and cultures. (ILO5)	Sp20	Spring 18
BIOL 150	Human Genetics	1 solve problems that deal with population genetics. (ILO5)	F20	Spring 18
BIOL 180	General Biology: Molecules, Cells & Genetics	1 demonstrate the ability to use logical and scientific thinking to test a hypothesis. (ILO2)	F20	Spring 19
BIOL 182	General Biology: Principles of Organismal Biology	1 Illustrate an understanding of evolution through natural selection. (ILO 1, 2)	F20	Fall 18

BIOL 200	Human Anatomy and Physiology I	1 Display critical thought related to key concepts and issues in human anatomy and physiology using written and/or oral forms of expression and examination (ILO1, ILO2, IO5)		
		2 Identify basic anatomy and physiological processes related to the human body. (ILO1, ILO2)	F21	Fall 19
BIOL 202	Human Anatomy and Physiology II	1 Display critical thought related to key concepts in human anatomy and physiology using written and/or oral forms of expression and examination. (ILO1, ILO2, ILO5)	F20	
		2 Identify basic anatomy and physiological processes related to the human body. (ILO1, ILO2)	Sp21	Spring 19
BIOL 204	Human Anatomy	1 Display critical thought and competency in communicating information related to topics in human anatomy. (ILO1, ILO2, ILO4)	Sp20	Spring 18
		2 Display knowledge of anatomy and dissection competency using mammal and/or human cadaver specimens as subjects. (ILO1, ILO4)	Sp21	Spring 19
BIOL 206	Human Physiology	1 Conduct and interpret the results of a urinalysis and an electroencephalogram/electromyogram/electrocardiogram. (ILO 1,2)	Sp20	
		2 Demonstrate understanding about the physiology associated with cells, tissues, organs, or organ systems (ILO 1,2)	Sp21	Spring 19
BIOL 220	General Microbiology	1 accurately explain the basic principles of microbiology, which include but are not limited to: structure and functions of prokaryotic and eukaryotic cells, microbial metabolism, bacterial/molecular genetics, pathogenesis, virology, and immunology. (ILO1, ILO2)	Sp20	Spring 18
		2 devise a dichotomous key to aid in the identification of disease-causing bacteria in the lab, and accurately identify disease-causing bacteria by using the key and experimental techniques. (ILO1, ILO2)	F22	Fall 19
		3 perform experimental techniques in microbiology correctly to test hypotheses, determine characteristics of microbes and perform diagnostics. (ILO2)	F22	Fall 19
		4 apply lecture and laboratory concepts with critical thinking to explain experimental data and scenarios in microbiology not addresses directly in class/laboratory. (ILO1, ILO2)	F20	
		5 fully participate in classroom and laboratory activities. (ILO3)	F20	
CHEM 100	Introduction To Chemistry	1 Solve chemical problems using modern atomic theory. (ILO2, ILO4)	F20	
		2 Perform chemical experiments in a scientific manner using proper techniques, data analysis, and safety equipment. (ILO2, ILO3, ILO4)	Sp20	Spring 19
CHEM 160	Introduction to General, Organic & Biological Chemistry	1 calculate drug dosage using English and Metric unit interconversions and dimensional analysis. (ILO4)	Sp21	Spring 17
		2 identify different classes of organic compounds. (ILO2)	When offered	
		3 identify different functional groups in organic compounds. (ILO2)	When offered	
		4 write a research paper on biochemical disorders. (ILO4)	When offered	
		5 discuss the geographical/ethnic distribution of biochemical disorders. (ILO5)	When offered	
CHEM 200	General Inorganic Chemistry I	1 Solve chemical problems using modern atomic theory. (ILO2, ILO4)	Sp20	Spring 19
		2 Perform chemical experiments in a scientific manner using proper techniques, data analysis, and safety equipment. (ILO2, ILO3, ILO4)	Sp21	Spring 17
CHEM 202	General Inorganic Chemistry II	1 Solve chemical problems using modern atomic theory. (ILO2, ILO4)	F21	
		2 Perform chemical experiments in a scientific manner using proper techniques, data analysis, and safety equipment. (ILO2, ILO3, ILO4)	F20	
CHEM 204	Organic Chemistry I	1 Solve chemical problems using modern atomic theory. (ILO2, ILO4)	F21	Fall 18

		2 Perform chemical experiments in a scientific manner using proper techniques, data analysis, and safety equipment. (ILO2, ILO3, ILO4)	F20	
CHEM 206	Organic Chemistry II	1 Solve chemical problems using modern atomic theory. (ILO2, ILO4)	Sp20	Spring 19
		2 Perform chemical experiments in a scientific manner using proper techniques, data analysis, and safety equipment. (ILO2, ILO3, ILO4)	Sp21	
ENVS 110	Environmental Science	1 Discuss the growing human population and the related demand for resources (water, power, soil, hunger, etc.) and the impact that it places on agriculture. (ILO1, ILO2, ILO4 & ILO5)	Sp20	Spring 18
GEOL 100	General Geology	1 Gain awareness of geological events on a global scale and understand/evaluate why events/features occur where they do. Assessment done through tracking earthquake and volcanic eruptions events and building on knowledge of plate tectonics. (ILO5)	F22	
		2 Gain critical thinking ability/skills through observations and applying scientific inquiry to understand geologic features and processes. Understand and use principles of the scientific method. (ILO2)	F22	
		3 Develop oral and written skills through various labs, research papers and presentations. (ILO1)	F21	
		4 Gain knowledge of geologic history, features and processes through lectures, research papers, exams and labs. (ILO4)	F21	
GEOL 110	Earth and Space Science	1 Gain critical thinking skills while working on and completing weekly homework assignments which include applying methods such as Venn diagrams, rubrics, and concept maps. (ILO2)	Sp20	
		2 Gain awareness of geological events, weather and climate patterns and oceanic circulation on a global scale and understand/evaluate why events/features occur where they do. Assessment done through various homework assignments. (ILO5)	Sp21	
		3 Gain knowledge of geological, meteorological, astronomical and oceanic features and processes through lectures, research papers, exams and presentations. Ties to all objectives. (ILO4)	Sp22	Spring 19
GEOL 130	Climate and Weather	1 Analyze and use web-based resources in science learning (ILO1, ILO2, ILO4)	Sp20	
		2 Utilize scientific methodology as problem-solving techniques to learn key concepts of earth science and specifically climate concepts (ILO1, ILO2)	Sp21	
		3 Use the vocabulary and concepts of climate science to describe and consider local and global issues (ILO1, ILO4; ILO 5)	Sp22	
PHSC 110	Physical Science	1 conceptualize the fundamental differences between mass and weight and between speed and velocity, using illustrative examples. (ILO2)	Sp20	
		2 comprehend and apply the principle of Conservation of Energy to simple machines, e.g. levers. (ILO2)	Sp21	
		3 distinguish between series and parallel circuits, identifying their advantages and disadvantages. (ILO2)	Sp22	
PHYS 200	General Physics I	1 Solve one-dimensional and two-dimensional motion problems involving position, velocity, and acceleration. (ILO1, ILO2)	F21	Spring 18
		2 Solve problems (using algebra, calculus, and trigonometry as tools) involving Newton's Laws and their applications including friction. (ILO1, ILO2)	F22	Spring 18
		3 Solve problems involving work, power, and conservation of energy and momentum. (ILO1, ILO2)	F20	Spring 18
PHYS 202	General Physics II	1 Solve problems involving Coulomb's law, Gauss's Law, and electric fields. (ILO1, ILO2)	Sp20	

		2 Solve problems involving capacitors, resistors, and electric current. (ILO1, ILO2)	Sp21	
		3 Solve problems involving magnetic fields in and near conductors, the motion of charged particles in a magnetic field, and Faraday's and Lenz's Laws. (ILO1, ILO2)	F22	
PHYS 204	General Physics III	1 Solve problems involving temperature, heat, and the laws of Thermodynamics. (ILO1, ILO2)	F22	Spring 18
		2 Solve problems involving geometric optics (reflection and refraction including lenses and mirrors). (ILO1, ILO2)	F21	Spring 18
		3 Solve problems involving physical optics (interference, diffraction, and polarization). (ILO1, ILO2)	F22	Spring 18
BIOLOGY FOR TRANSFER		1 Demonstrate an understanding of fundamental biological concepts and knowledge of the structure and function of living organisms.	Fall 21	
		2 Display competency with respect to the use of standard laboratory equipment and techniques commonly used in life science labs.	Fall 21	
		3 Understand the process of scientific research and display critical thinking skills related to hypothesis development, experimentation and data interpretation.	Fall 21	
		4 Develop a foundation in biology strong enough to allow the successful completion of any attempted 200-level biology course(s).	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
CHEMISTRY FOR TRANSFER		1 Demonstrate critical thinking skills related to the scientific methods such as hypothesis development, experimentation, and data interpretation.	Fall 21	
		2 Articulate fundamental chemical concepts and knowledge as related to natural and chemical phenomena at large.	Fall 21	
		3 Perform experiments using standard laboratory glasswares and techniques used in the chemical sciences.	Fall 21	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	
GENERAL SCIENCE		1 Demonstrate understanding of scientific inquiry. Explain and apply the scientific method.	Fall 20/23	
		2 Provide experimental foundation for concepts introduced during lecture. Develop quantitative and qualitative skills of data analysis and ability to observe, interpret, communicate and synthesize various types of information from diverse sources.	Fall 20/23	
		3 Develop an understanding and appreciation of the natural world and interactions between and among Earth 's systems (biosphere, hydrosphere, atmosphere and geosphere) and beyond (exosphere).	Fall 20/23	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	ENVS, other classes to surveyed	
PHYSICS FOR TRANSFER		1 Apply the principles of mechanics, electromagnetism, thermodynamics, waves, optic, and modern physics to theoretical problems as well as to experimental applications.	Fall 19/22	
		2 Demonstrate laboratory skills including how to take and analyze data, keep an organized lab book, and write a lab report.	Fall 19/22	
		3 Apply mathematics through multivariable calculus to solve physics problems.	Fall 19/22	

		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here
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### M&S - MATH Department (Jill Nelipovich) (CS, ENGR, MATH)

Subject Code	Course Title	Course Outcomes	Cycle Plan	Data Collected Including Closing of the Loop
CS 170	Introduction to Unix/Linux	1 Communicate to the Unix/Linux shell (command interpreter), and run commands to obtain system and user information and manual pages. (ILO1,ILO2,ILO4)		
		2 Apply Unix/Linux file redirection and pipelining to combine utilities to perform complex tasks. (ILO1,ILO2,ILO4)		Spring 19
		3 Create and manage files and directories, set and use file permissions, and navigate the Unix/Linux file system. (ILO1,ILO2,ILO4)		
CS 221	Introduction to Object Oriented Programming in Java	1 Correctly use classes from the standard Java libraries to solve a problem		
		2 Correctly use graphical user interface (GUI) components to create a program		
		3 Correctly use inheritance relations to solve a problem		Spring 19
CS 231	Introduction to Data Structures	1 Correctly determine the relative runtimes of different sort algorithms on arrays of different sizes. (ILO2, ILO4)		
		2 Correctly implement an abstract data type (ADT) as a Java class. (ILO2, ILO4)		Spring 19
		3 Correctly use recursion to solve a problem with a data structure. (ILO2, ILO4)		
CS 240	Discrete Structures	1 Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		
CS 281	Assembly Language and Machine Organization	1 Describe how data is represented in computer memory.		
		2 Show how fundamental high-level programming constructs are implemented at the machine-language level.		
		3 Write simple assembly language program segments.		
ENGR 100	Introduction to Engineering Design	1 Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. Students will be assigned a final project where they are to display their results and discuss their thought processes. (ILO1, ILO2)		NEW COURSE - Effective 20-21 AY
ENGR 210	Statics	1 Solve problems involving statics of particles. (ILO2)		
		2 Understand and perform calculations using vector algebra. (ILO2)		
		3 Solve problems involving moments of inertia. (ILO2)		
		4 Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		
ENGR 212	Dynamics	1 Solve problems involving kinetics of particles. (ILO2)		
		2 Solve problems involving kinematics of rigid bodies. (ILO2)		
		3 Solve problems involving plane motion of rigid bodies. (ILO2)		

		4	Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		
ENGR 240	Electric Circuit Analysis	1	Solve problems involving resistive circuits. (ILO2)		
		2	Solve problems involving circuit theorems of Thevenin and Norton. (ILO2)		
		3	Understand the complete response of RL and RC circuits. (ILO2)		
MATH 060	Math Lab	1	For students enrolled in MATH 071: 1. Perform the basic operations with rational numbers. (ILO2) 2. Compute the area and perimeter of standard geometric shapes. (ILO2) 3. Solve equations appropriate for a Pre-Algebra class. (ILO2)		
		2	For students enrolled in MATH 081: 1. Solve linear equations in one variable. (ILO2) 2. Factor polynomial expressions using a variety of methods and solve polynomial equations. (ILO2) 3. Graph linear equations and find values related to linear graphs. (ILO2) 4. Solve application problems appropriate to beginning algebra. (ILO2)		
		3	For students enrolled in MATH 091: 1. Solve quadratic equations by factoring, completing the square, and quadratic formula. (ILO2) 2. Solve equations involving radicals. (ILO2) 3. Recognize and graph equations of conic sections. (ILO2) 4. Perform operations on functions algebraically. (ILO2) 5. Solve an application involving exponential functions. (ILO2, ILO5)		
MATH 061	Basic Mathematics	1	Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		
MATH 071	Pre-Algebra	1	Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		
MATH 081	Beginning Algebra	1	Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		
MATH 091	Intermediate Algebra	1	Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		

MATH 110	Number Systems in Elementary Mathematics	1	Demonstrate knowledge of operations and properties by creating story problems (ILO1, ILO2, ILO3)		Spring 19
		2	Demonstrate knowledge of operations by modeling the solutions (ILO1, ILO2, ILO3).		
		3	Demonstrate an understanding of place value by counting in bases other than ten (ILO1, ILO2, ILO3).		
MATH 112	Geometry in Elementary Mathematics	1	Demonstrate an understanding of the difference between area and perimeter (ILO1, ILO2, ILO3)		Fall 18
		2	Determine the relationship between similar figures (ILO1, ILO2, ILO3).		Fall 18
		3	Develop geometric formula for area or volume (ILO1, ILO2, ILO3).		
MATH 114	Children's Mathematical Thinking	1	Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		
MATH 119	Elementary Statistics	1	Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		Fall 2018
MATH 122	Finite Mathematics	1	Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		
MATH 140	Trigonometry	1	Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		Spring 18
MATH 150	College Algebra	1	Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		Spring 19
MATH 170	Introductory Calculus with Applications	1	Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		
MATH 190	Pre-Calculus	1	Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		

MATH 192	Analytic Geometry and Calculus I	1 Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		Spring 19
MATH 194	Analytic Geometry and Calculus II	1 Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		Fall 17
MATH 210	Multivariable Calculus	1 Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)		Fall 19
MATH 220	Elementary Differential Equations	1 demonstrate the ability to solve a first order differential equation. (ILO2, ILO4)		
		2 demonstrate the ability to use a differential equation to model a real world phenomena. (ILO2, ILO5)		
		3 demonstrate the ability to find a series solution to a differential equation. (ILO2, ILO4)		
MATH 230	Introduction to Linear Algebra with Applications	1 Perform matrix operations, and compute determinants, eigenvalues,/vectors, and inverses. (ILO2)		
		2 Understand and apply the relationship between linear transformations, matrices and systems of equations. (ILO2)		
		3 Analyze, synthesize, and evaluate theorems in Linear Algebra. (ILO2)		Fall 19
MATH 240	Discrete Mathematics	1 Use a truth table to test the validity of an argument. (ILO1, ILO2, ILO4)		
		2 Construct proofs of mathematical statements using standard techniques, including induction. (ILO1, ILO2, ILO4)		
		3 Apply graph theory to real world situations. (ILO1, ILO2, ILO4)		Fall 19
MATH 241	Math Software-MATLAB	1 Compute the solution to a system of equations using an algorithm. (ILO2)		Fall 17
MATH 800	General Mathematics Review	1 Needed SLO data here		
MATH 801	Nursing Assessment Math Review	1 Needed SLO data here		
COMPUTER SCIENCE FOR TRANSFER		1 Manage a programming project from start to finish, both individually and in teams.	Fall 19	
		2 Think critically and utilize qualitative and quantitative reasoning skills to design and implement an effective problem solution.	Fall 19	
		3 Apply algorithmic and symbolic thinking to the problem-solving process.	Fall 19	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and	Portfolio	
MATHEMATICS FOR TRANSFER		1 Students will use mathematical reasoning to solve problems and a generalized problem solving process to work word problems.	Fall 20	
		2 Students will learn mathematics through modeling real-world situations.	Fall 20	
		3 Students will use appropriate technology to enhance their mathematical thinking and understanding, solve mathematical problems, and judge the reasonableness of their results.	Fall 20	
		PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.	Enter assessment tool here	

PRE-ENGINEERING	1	Have a working knowledge of the theories and principles of physics in the areas of Newtonian mechanics, gravitation, electricity and magnetism, wave motion and physical optics.	Fall 21	
	2	Be acquainted with standard methods of mathematical analysis including trigonometry and analytic geometry, differential and integral calculus, matrices and linear algebra, and the solutions to differential equations.	Fall 21	
	3	Can use the computer to store and process technical data, to access information remotely over the internet, and as a computational tool related to the engineering process.	Fall 21	
	PLO Assessment Tool to be used- For example, Nursing Program uses state licensure test rates, and the English Department uses two higher-level courses.		Enter assessment tool here	

## STUDENT SERVICES (COUN)

Subject Code	Course Title	Course Outcomes	Cycle Plan	Data Collected Including Closing of the Loop
COUN 100	Personal and Career Development	1 Identify career options with emphasis on individual personal interests, abilities, and values. (ILO1, ILO2, ILO4, ILO5)		
		2 Appraise the perception of the "world of work" and develop an understanding of the process that ensures successful identification and obtainment of a specific major/degree and employment/career. (ILO1, ILO2)		
		3 Appraisal of acquired skills that recognize the methodology and techniques for creating opportunities for successful career planning. (ILO1, ILO2)		
COUN 120	College Success Skills	1 Identify ten campus resources and be able to explain what resources they find are important for their personal college success.(ILO1,ILO3,ILO4)		
		2 Identify three study tips and three ways to take notes and state how improving these techniques are important for student college success.(ILO2,ILO3,ILO4)		
		3 Identify what is their short term/long term academic goal(s).ILO1,ILO2,ILO3)		
CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION BREADTH (CSU GE-B)	1			
INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)	1			
UNIVERSITY STUDIES	1			

## DSPS

Subject Code	Course Title	Course Outcomes	SLO Closing of the Loop Completed
DSPS 018	Educational Assessment and Evaluation	1 Take responsibility for attending every testing session and complete hours required to receive credit for course. (ILO3)	
		2 Identify their needs based on their functional limitations and utilize recommended services to attain goals. (ILO3, ILO4)	
DSPS 050	Adapted Keyboarding	1 To improve communication between IVC personnel and student, the student will be taught to create a personal email address or utilize the one provided by IVC. They will be taught how to add it to their personal information on Webstar. (ILO1, ILO3, ILO4, ILO5)	Completed Spring 2019
DSPS 052	Computer Access Evaluation	1 Demonstrate a clear understanding of the assistive computer technologies that meet their needs (ILO1, ILO4).	Completed Spring 2019
DSPS 054	Computer Access I	1 Demonstrate ability with access technologies appropriate to their disability by utilizing the technology to complete their assignments. (ILO1, ILO4)	Completed Spring 2019