

Program Learning Outcomes (PLOs) June 2012

As of June 2012, this list represents many of the PLOs being assessed at IVC:

Admin. Of Justice	Demonstrate knowledge and understanding of the U.S. Constitution and the subsequent Amendments pertaining to the Justice System.
	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.
	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.
Agriculture (Crop) Science	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.
	Display competency with respect to the use of standard lab, industry equipment and techniques used in production
	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.
Alcohol & Drug Studies	Demonstrate understanding of the physical and psychological disease of addiction.
	Demonstrate an understanding of counseling theory used in addiction counseling.
	Demonstrate critical thinking and skills to intervene with an addict and the codependent family.
Anthropology	Analyze biological diversity
	Analyze cultural diversity
	Outline prehistory and early civilization on a global perspective
Art	Critically analyze, interpret, and evaluate works of art.
	Develop a foundation of art skills and a high level of craftsmanship by utilizing a variety of tools and technologies associated with the visual arts.
	Use a diverse range of global events to express personal ideas and opinions through artwork.
	Identify the theoretical, cultural, and historical contexts of art.
	Demonstrate appropriate skills needed to articulate their conscious artistic intentions, and express coherent aesthetics.
Automotive Technology	Describe the purpose of the fundamental automotive systems

	Describe the type of skills needed to be an auto technician
	Correctly answer ASE certification test questions that require a knowledge of the major parts and systems of a vehicle
Business Accounting Tech. Business Admin Assistant Business Office Technician	Apply rules of grammar and demonstrate ability to key by touch.
	Key at 20 nwpm, apply knowledge to create office documents using technology, maintain accurate filing systems, and demonstrate resume and interviewing skills.
	Analyze and apply best practices for business writing, develop and present oral presentations, integrate technology into company simulations, key at 40 nwpm, transcribe mailable business documents, demonstrate skills in the workplace through internship.
Business Administration	Analyze legal cases and web information sources; synthesize, evaluate and communicate the results; analyze and apply best practices for business writing demonstrating writing competencies at the college level; develop and present oral presentations
	Show understanding of accounting applicable to recording and reporting of business transactions for proprietorships, partnerships, and corporations; utilize computerized financial software; analyze direction of production and the allocation of resources through the price-system, gross domestic product, money and banking, international business, and economic stabilization
	Show understanding of accounting information for use in decision-making, planning, directing operations, and controlling
Business Legal Assistant	Analyze legal cases and present the results in college level reading and writing standards; demonstrate expertise using terminology and technology required for work in the legal industry; show understanding of legal specialties.
	Demonstrate understanding of systems and procedures for administration of a law office; demonstrate understanding of criminal litigation practice and procedure; theory, concept, and rules of civil procures; and the types of business formation and law office procedures for selecting and setting up businesses
	Demonstrate a comprehensive working knowledge and understanding of legal research materials and tools, show skill competency relating to acquiring and keeping a job, and show competency as an intern working in the legal industry.
Business Management Business Management Business Marketing	Identify major business and political forces nurturing economic globalization; analyze legal cases and web information sources; synthesize, evaluate and communicate the results; develop and present oral presentations
	Show understanding of accounting applicable to recording and

	reporting of business transactions for proprietorships, partnerships, and corporations; utilize computerized financial software; analyze direction of production and the allocation of resources through the price-system, gross domestic product, money and banking, international business, and economic stabilization
	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; 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; analyze and apply best practices for business writing demonstrating writing competencies at the college level; assess employer expectations and demonstrate desirable work habits and personal traits for successful job performance and assimilation into company work force.
Child Development Program	Exhibit grounding in a child development knowledge base.
	Demonstrate knowledge in building relationships with children, family and community
	Observe, document, and assess to support young children and families.
	Demonstrate developmentally effective approaches to create positive relationships and supportive interactions as the foundation in working with children and families from diverse societies.
	Use content knowledge to build meaningful curriculum
	Demonstrate Professionalism
Communication Arts	Students will be able to construct and articulate a basic case for a parliamentary debate.
	Students will be able to recognize and avoid using ten logical fallacies during classroom presentations.
	Students will be able to write and submit five properly-worded debate propositions
Computer Info. Systems CISCO CCNA Discovery Multimedia & Web Develop.	Analyze web information sources for relevance and accuracy; synthesize, evaluate and communicate the results, demonstrating writing competencies at the college level; describe the general characteristics of a computer system and identify types of computer hardware and software and explain their functions; 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.
	Show understanding of accounting applicable to recording and reporting of business transactions for proprietorships, partnerships, and corporations; utilize computerized financial software; analyze direction of production and the allocation of resources through the price-system, gross domestic product, money and banking, international business, and economic stabilization
	Create a program using a program language that incorporates good design principles and meets specifications.
Dental Assistant	Determine percentage of students successfully passing the certification/licensing <u>exam</u>
	Determine student cohort completion of “on-time” rate. It measures the number of students that complete with their original cohort within 2 semesters.
Emergency Medical Services (Paramedic Program)	Students meet or exceed pass rates set for national licensing <u>exam</u> (National Registry).
	Students meet or exceed pass rates set for national licensing skills exam (National Registry).
	Students meet the minimal certification standards for ACLS, PALS, and BLS Instructor.
English	Demonstrate command of rules regarding plagiarism and academic ethics.
	Explicate and evaluate textual material in literature and rhetoric.
	Produce an effective research paper using logical reasoning and analysis.
Fire Technology	Students will be able to apply emergency incident management strategies in relationship to incident command systems in public and private fire protection careers.
	Students will demonstrate management concepts and practices including decision making, leader styles, personnel evaluations & counseling techniques.
Firefighter I (Academy)	Students will demonstrate knowledge and appropriate use of fire equipment for a given firefighting scenario
	Students will demonstrate appropriate selection and implementation of firefighting methods and application of the Incident Command and Emergency Management Systems.
French	Demonstrate the ability to communicate with native speakers of French.
	Demonstrate awareness of French culture.
General Education	Upon completion of a degree, program, or certificate, a student will complete coursework at Imperial Valley College demonstrating

	competency in the following areas: communication skills; critical thinking skills; personal responsibility; information literacy; and global awareness.
General Science	Acquire Scientific Reasoning Skills <ul style="list-style-type: none"> • Demonstrate understanding of scientific inquiry. Explain and apply the scientific method.
	Demonstrate Lab Skills <ul style="list-style-type: none"> • 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.
	Understand Earth's System's Interactions <ul style="list-style-type: none"> • 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).
History	Identify and recall key information from a historical text and be able to describe the causes and/or impact of historical events.
	Analyze and evaluate historical texts and differentiate between the facts and the author's interpretation and main thesis.
	Write an original research paper that includes a bibliography of primary and secondary historical sources and explains different historical interpretations.
Human Relations	Develop a thoughtful, genuine, empathetic and accepting attitude towards human beings.
	Have knowledge of and be able to perform various skills in regard to various human relations professions that incorporate counseling, ethics and cultural and diversity awareness.
	Have knowledge of, explain, and utilize the community resources available to families in order to help them better understand the system and help themselves
Humanities	Think critically in reading about topics in philosophy, religion, art and music, thereby identifying problems, theses, arguments, evidence and conclusions.
	Demonstrate an awareness of the impact of societal expectations and behaviors on individuals and cultures.
	Analyze, discuss and debate the impact on the development of theory and cultural practices.
Journalism	Develop a Digital News Production course
	Redesign Journalism 100 and 101 in conjunction with the development of the digital news course

Legal Assistant (see Business)	
Life Science	Demonstrate an understanding of fundamental biological concepts and knowledge of the structure and function of living organisms.
	Display competency with respect to the use of standard laboratory equipment and techniques commonly used in life science labs.
	Understand the process of scientific research and display critical thinking skills related to hypothesis development, experimentation and data interpretation.
Medical Assistant	Successfully complete front office externship with an employer assessment of the student.
	Successfully complete back office externship with an employer assessment of the student.
Multimedia & Web Development (see Business)	
Music	History: The student will know the stylistic and historic periods of music, and the music terminology needed to identify and understand all the elements of music.
	Music Theory: The student will have a knowledge of key signatures, evolution of harmonic development and fundamental keyboard understanding and skills.
	Performing Skills: The student will gain performing skills in different types of repertoire from a variety of musical periods.
Nursing - RN	Meet or exceed pass rates set for national licensing <u>exam</u> (NCLEX-RN).
	Student cohort complete “on-time” rate. It measures the number of students that stay in their original cohort and graduate within 3 semesters.
	Meet the minimal 70% on ATI Comprehensive Predictor prior to exiting RN 241.
Nursing - VN	Meet or exceed pass rates set for national licensing <u>exam</u> (NCLEX-VN).
	Student cohort complete “on-time” rate. It measures the number of students that stay in their original cohort and graduate within 3 semesters.
	Meet the minimal Level 1 on ATI Comprehensive Predictor prior to exiting VN 132.
Pharmacy Technician	Calculate oral and parenteral dosage for a given medication scenario
	Demonstrate accurate compounding for medication scenario and identify patients that need to be counseled by a licensed pharmacist.
Physical Education	List various occupations in the field of physical education and exercise science, and then summarize the educational requirements for employment in each field.
	Identify common injuries in the field of athletics and physical

	education, and then discuss short-term and long-term treatment plans.
	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).
	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).
Physical Science	Be able to observe repeatable physical interactions, collect data and apply the scientific method to identify their physical origins
	Demonstrate, in a clear and concise manner, how to analyze and solve problems and to evaluate and test the correctness of the proposed solution.
	Demonstrate a proficiency in their oral and written communications of their scientific work and ideas in group and/or laboratory exercises.
Psychology	Demonstrate understanding and analyze the major theoretical perspectives, historical trends, and current research in psychology
	Demonstrate and understanding of the interaction of the biological basis of behavior, cognition and emotion with the environmental basis for behavior, cognition and emotion.
	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.
Social Science	Demonstrate clear and effective writing about a specified social science concentration of study
	Demonstrate clear and effective oral communication about a specified social science concentration of study.
	Relate knowledge associated with a specified social science concentration of study to global and indigenous perspectives.
Sociology	Identify and have a basic knowledge of the three (3) major theoretical paradigms.
	Identify the methodological techniques used within the discipline of Sociology to understand social phenomenon.
	Demonstrate an understanding of the Sociological Imagination through practical application.
Spanish – Native Speaker	Analyze and evaluate literary texts through writing.
	Successfully identify and differentiate between verb tenses in the subjunctive mood
Spanish – Non-Native Speaker	Organize and effectively communicate personal information in Spanish through writing.
	Respond orally in the target language using correct syntax and

