BUILDING CONSTRUCTION TECHNOLOGY

DEGREES, CERTIFICATES AND AWARDS

Associate in Science Degree (A.S.) Certificate of Achievement Specialization Certificates in Carpentry, Concrete Masonry, and Project Management

DESCRIPTION

The Building Construction Technology Associate in Science degree along with the certificate and specializations in Carpentry, Concrete Masonry, and Project Management are designed to provide instruction in manipulative skills, technical knowledge, and related trade information, which will prepare the student for employment in the building construction industry. The course work for the associate degree also emphasizes subject areas that are significant to the construction worker such as engineering fundamentals, construction management, business administration, humanities and social sciences, and the development of analytical and communication skills through the general education requirements.

ASSOCIATE DEGREE AND CERTIFICATE OF ACHIEVEMENT PROGRAMS

The Associate in Arts (AA) or the Associate in Science (AS) Degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including grades of C in all courses required for the major, and fulfillment of all IVC district requirements for the associate's degree along with all general education requirements. The degree provides a sound basis for transfer to upper division institutions for additional degrees or for higher vocational preparation. To be eligible to receive an Associate Degree the student must complete the requirements for the major, the District requirements for an Associate Degree, and the General Education requirements. In addition students must maintain a minimum grade point average and meet the minimum grade requirements of their program. Detailed information is available in the college catalog.

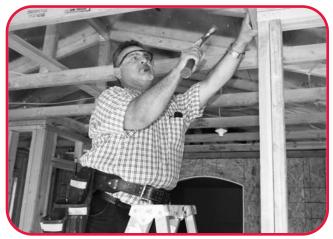
The Certificate of Achievement program is designed for students with personal or occupational goals who wish early employment. To qualify for the Certificate, a student must satisfy the following requirements: (1) complete all courses listed for a particular certificate.; (2) achieve a "C" average (2.0 GPA) for all courses used to complete the certificate; and, (3) file a Certificate Application form with Admissions and Records by the appropriate deadline(s) identified on the application.

CAREER OPPORTUNITIES

Of the career opportunities identified some will require the completion of degree requirements at 4-year colleges and universities.

- Construction Manager
- Construction Estimator Technical Salesperson
- General Contractor
- Sub-Contractor Project Manager
- Construction Consultant
- Architect
- Civil Engineer
- Structural Engineer
- Environmental Engineer
- Construction Scheduler or Planner
 Forensic Construction Specialist

Gainful Employment: Federal regulations require institutions to provide students with Gainful Employment information for specific certificate programs offered at IVC. Please click on our Programs of Study link to view the information for each certificate program: http://www.imperial.edu/courses-and-programs/programs-of-study/



TRANSFER PREPARATION

Courses that fulfill major requirements for an associate degree at Imperial Valley College may not be the same as those required for completing the major at a transfer institution offering a bachelor's degree. Students who plan to transfer to a four-year college or university should schedule an appointment with an IVC Counselor to develop a student education plan (SEP) before beginning their program.

Transfer Resources:

www.ASSIST.org - CSU and UC Articulation Agreements and Majors Search Engine

www.CSUMentor.org - CSU System Information

www.universityofcalifornia.edu/admissions/index. html - UC System Information

www.aiccu.edu - California Independent Colleges and Universities, Association of

http://wiche.edu/wue - Western Undergraduate Exchange Programs

FINANCIAL AID

Paying for the cost of a college education requires a partnership among parents, students and the college. As the cost of higher education continues to rise we want you to know that IVC offers a full array of financial aid programs grants, work study, scholarships, and fee waivers (we do not participate in the federal loan programs). These programs are available to both full and part time students who are seeking a degree or certificate. For those who gualify, financial aid is available to help with tuition, fees, books and supplies, food, housing, transportation, and childcare. Please log onto our website for additional information: www.imperial.edu/students/financial-aid-andscholarships/

ASSOCIATE DEGREE PROGRAM

BUILDING CONSTRUCTION TECHNOLOGY MAJOR – A.S. DEGREE

Twenty-five (25.0) units required for the major.

ALL COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

I. R	equired f	for the n	najor (25.0 units)	
	BLDC	101	Safety Standards (Cal/OSHA) 30-Hour Card	3.0
	BLDC	110	Construction Blueprints, Specifications, Measurements and Coc	des 3.0
	BLDC	130	Carpentry Layout and Framing	4.0
	BLDC	135	Residential Plumbing Applications	3.0
	BLDC	140	Building Construction Methods and Materials	3.0
	BLDC	145	Concrete Formwork, Layout and Setting	3.0
	BLDC	170	Essentials of Efficient Green Construction	3.0
	BLDC	180	Building Planning and Cost Estimation	3.0
Total Major Units				
IVC Graduation Requirements and GE Pattern:				30.0
Electives (as needed to reach 60 degree applicable units)				
Total Maximum Units:				60.0

CERTIFICATE PROGRAM

BUILDING CONSTRUCTION TECHNOLOGY CERTIFICATE

Twenty-five (25.0) units required for the certificate.

ALL COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

I.	Required for the certificate (25.0 units)				
	BLDC	101	Safety Standards (Cal/OSHA) 30-Hour Card	3.0	
	BLDC	110	Construction Blueprints, Specifications, Measurements & C	odes 3.0	
	BLDC	130	Carpentry Layout & Framing	4.0	
	BLDC	135	Residential Plumbing Applications	3.0	
	BLDC	140	Building Construction Methods & Materials	3.0	
	BLDC	145	Concrete Formwork, Layout & Setting	3.0	
	BLDC	170	Essentials of Efficient Green Construction	3.0	
	BLDC	180	Building Planning & Cost Estimation	3.0	
Total Certificate Units Total Maximum Units:				25.0	
iotal M	aximum	Units:		25.0	

SPECIALIZATION CERTIFICATES

The Specialization Certificate(s) demonstrates a completion of coursework <u>in addition</u> to the major in Building Construction Technology.

ALL COURSES FOR THESE CERFTIFICATES MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

BUILDING CONSTRUCTION TECHNOLOGY: CARPENTRY SPECIALIZATION - Major Plus 7.0 Units

The Carpentry Specialization is designed to provide instruction in manipulative skills, technical knowledge, and related trade information, which will prepare the student for employment in the Building Construction Industry.

I.	The major	plus seven (7	.0) additional units in Carpentry course work.	
	BLDC	150	Carpentry Methods, Materials & Tools	4.0
	BLDC	190	Carpentry Trim & Detail Work	3.0
Tot	25.0			
Building Construction Technology: Carpentry Specialization Units Total Certificate Units:			<u>7.0</u> 32.0	

BUILDING CONSTRUCTION TECHNOLOGY: CONCRETE MASONRY SPECIALIZATION - Major Plus 8.0 Units

The Concrete Masonry Specialization is designed to provide instruction in manipulative skills, technical knowledge, and related trade information, which will prepare the student for employment in the Building Construction Masonry Industry.

I.	The major	plus nine (8.0	0) additional units in Concrete Masonry course work.	
	BLDC	165	Concrete Materials, Methods & Tools	4.0
	BLDC	185	Concrete Footings, Flatwork & Detail Work	4.0
Tota	Total Major Units			
Buil	Building Construction Technology: Concrete Masonry Specialization Units			
Total Certificate Units:				8.0 33.0

BUILDING CONSTRUCTION TECHNOLOGY: PROJECT MANAGEMENT SPECIALIZATION - Major Plus 9.0 Units

The Project Management Specialization is designed to provide instruction in manipulative skills, technical knowledge, and related trade information, which will prepare the student for employment in the Building Construction Industry.

I. The major plus nine (9.0) units in Project Management course work.

BLDC	160	Construction Technical & Contract Documents	3.0
BLDC	201	Construction Planning & Management	3.0
BLDC	210	Construction Management & Organization	3.0
Total Major Units Building Constru Total Certificate	25.0 <u>9.0</u> 34.0		

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