### IMPERIAL VALLEY COLLEGE 2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS

### **CERTIFICATE PROGRAM**

### BUILDING CONSTRUCTION TECHNOLOGY CERTIFICATE

The Building Construction Technology Certificate along with the 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.

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

#### Twenty-five (25) units required for the certificate.

BLDC	101	Safety Standards (Cal/OSHA) 30-Hour Card	3.0
BLDC	110	Construction Blueprints, Specifications, Measurements, & Codes	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 UNITS:	25.0

## THE FOLLOWING SPECIALIZATION CERTIFICATES DEMONSTRATE A COMPLETION OF SPECIALIZED COURSE WORK IN ADDITION TO THE MAJOR.

Building Construction Technology: Carpentry Specialization Certificate   (Major plus 7 units)   The Carpentry Specialization is designed to provide instruction in manipulative skills, technical knowledge, & related trade information, which will prepare the student for employment in the Building Construction Industry.   BLDC 150 Carpentry Methods, Materials, & Tools 4.0   BLDC 190 Carpentry Trim & Detail Work 3.0   Building Construction Technology: Concrete Masonry Specialization Certificate (Major plus 8 units)   The Concrete Masonry Specialization is designed to provide instruction in manipulative skills, technical knowledge, & related trade information, which will prepare the student for employment in the Building Construction Masonry Industry.							
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BLDC 190 Carpentry Trim & Detail Work 3.0   Building Construction Technology: Concrete Masonry Specialization Certificate (Major plus 8 units) 3.0   The Concrete Masonry Specialization is designed to provide instruction in manipulative skills, technical knowledge, & related trade information, which will prepare the student for employment in the Building Construction Masonry Industry. 3.0							
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BLDC 165 Concrete Materials, Methods, & Tools 4.0							
BLDC 185 Concrete Footings, Flatwork, & Detail Work 4.0							
Building Construction Technology: Project Management Specialization							
Certificate (Major plus 9 units)							
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BLDC 210 Construction Management & Organization 3.0

### ASSOCIATE DEGREE PROGRAM

### **BUILDING CONSTRUCTION TECHNOLOGY MAJOR - A.S. DEGREE**

The Building Construction Technology Associate in Science degree along with the 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.

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

#### Twenty-five (25) units required for the major.

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BLDC	101	Safety Standards (Cal/OSHA) 30-Hour Card	3.0
BLDC	110	Construction Blueprints, Specifications, Measurements, & Codes	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 UNITS:	25.0