



ASSOCIATE IN CONSTRUCTION MANAGEMENT

COMMUNICATION SKILLS (15 CREDITS)

*+BUS 250	Business Communications	5
*+ENGL& 101	English Composition I	5
*+ENGL& 235	Technical Writing	5

COMPUTATION/QUANTITATIVE SKILLS (5 CREDITS)

<i>Select one:</i>		
*+BUS 107	Business Mathematics	5
*+MATH& 142	Precalculus II (recommended)	
*+MATH& 148	Business Calculus (recommended)	
*+MATH 156	Finite Math	

GENERAL REQUIREMENTS (30 CREDITS)

BUS& 201	Business Law	5
ACCT 101	Survey of Accounting	5
BTECH 200A	Word 2007 - Prepare & Edit Documents	1
BTECH 200B	Word 2007 - Enhance & Customize Documents	1
BTECH 210A	Excel 2007 - Prepare & Format Worksheets	1
BTECH 210B	Excel 2007 - Insert Formulas & Enhancements	1
BTECH 210D	Excel 2007 - Advanced Formatting & Functions	1

<i>Select one:</i>		
* BUS 240	Human Relations in the Workplace	5
CMST& 101	Introduction to Communications	

<i>Select one:</i>		
GEOL& 110	Environmental Geology	
GEOL& 101	Intro to Physical Geology	
+PHYS& 100	Physics Non-Science Majors	

<i>Select one:</i>		
ECON 110	Survey of Economics	5
+ECON& 201	Micro Economics	

BUSINESS MANAGEMENT (5 CREDITS)

<i>Select one:</i>		
MNGT 182	Creative Sales	5
MNGT 283	Principles of Supervision and Leadership	
MNGT 284	Small Business Planning	
MNGT 295	Human Resource Management	

CORE REQUIREMENTS (46 CREDITS)

+ CONST 101	Intro to Construction Industry	5
+ CONST 140	Blue Print Reading	5
+ CONST 150	Construction Documents	5
+ CONST 160	Materials and Methods	5
CONST 180	Building Codes	5
+ CONST 198	Work-based Learning/Internship	3
+ CONST 200	Estimating I	5
+ CONST 230	Scheduling	5
CONST 250	Safety and Accident Prevention	3
+ CONST 260	Project Management Start to Finish	5

Total Credits Required 101

**Meets related instruction requirements for professional/technical programs*

+Indicates prerequisites see individual course descriptions in the catalog.

Notes:

possibilities.
realized.

ASSOCIATE IN CONSTRUCTION MANAGEMENT

Responding to a critical workforce shortage in the building industry, Pierce College now offers an associate degree in Construction Management. The program prepares graduates as construction supervisors, foremen and project managers. The program also offers a Certificate in Construction option that can be completed within one year.

To meet the needs of working adults, courses are offered evenings, weekends and online. The curriculum combines general education requirements in communications, computation and business with core courses in construction materials and methods, construction documents, blueprint reading, estimating, project management and building codes.

Course description: Construction processes are introduced including industry terminology, business practices (estimating/bidding, scheduling, project management, field operation), and career pathways.

Pierce College does not discriminate on the basis of race, color, national origin, sex, sexual orientation, disability or age in its programs and activities.

Special funding may be available for unemployed workers and low-wage working parents. See your advisor or call (253) 964.6265.

Program Outcomes

- Communication will meet standards of business writing and contain standard industry language.
- Oral communications will assert the speaker's position and invite others to share their opinions. Language and style of communication will conform to business standards.
- Recognize the interrelationship among your own behaviors, values, attitudes, reputation and business opportunities.
- Match your behavior and your words with the mission and values of your organization.
- Identify skill strengths and challenges in others so that you can highlight strengths and provide constructive coaching on challenges.
- Use active listening skills to understand and give feedback to others and to assist in decision making and business changes.
- Negotiation and mediation is conducted by identifying obstructions between and among opposing positions, expressing "common ground", expressing your areas for compromise, proposing potential solutions, and seeking outside assistance (perhaps even legal) when necessary.
- Explanations will include, but not be limited to (1) all elements of a construction project divisions 1-16 (CSI Protocol); (2) the interdependence or the organizational triad among construction owner, client and consultant; (3) relationships between assembly of materials and systems; and (4) prioritization and allocation of resources that meets a strict time line.

- Orally explain project details originating from a blue print or specifications.
- Written plan uses standard industry language and complies with all OSHA/WISHA standards.
- Use CAD, databases and estimator software in the management of construction projects.
- Using computerized industry software, produce a schedule that conforms to time limits based on "critical path planning."
- Produce a completed estimate that accurately measures and calculates material quantities.
- Know where to access and be able to understand the application of International Building Codes as they apply to construction management.
- Based upon a forecast of project costs, create a job cost report and complete various accounting and billing processes.
- Students are able to explain general principles of liens, taxes, bonds and insurance as stipulated in RCW's and that impact construction.
- The business plan identifies markets and geographic areas to pursue, potential clients, competition, consulting firms in the market, potential projects, resources to support the plan, revenue goals, earnings goals, general administration expenses, and timelines.
- Demonstrate the unique contributions, mission, and values of your business and your unique skills and abilities (branding).
- The written contract uses standard industry language and clearly spells out details so that: (1) assumptions are clarified, (2) ambiguities are minimized, (3) business risks are identified and minimized, (4) the business can make a profit, (5) union and non-union hiring practices are distinct, and (6) the end product meets the clients expectations.

For More Information

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Office of Professional/Technical Education
(253) 964.6645

Related Codes

Intent: **F or J**
Assoc Cons Mgt: **774**

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