

CONSTRUCTION MANAGEMENT (AS)

Associate of Science

Transfer Program

Interest Areas:

Manufacturing and Trades

This program provides students with an Associate of Science Degree to fit educational and professional goals geared toward transferring to a 4-year institution in Construction Management. The required coursework will normally fulfill the first half of baccalaureate degree requirements in Construction Management, dependent on intended transfer institution. Coursework includes theory focused on residential and commercial construction management, small business entrepreneurship skills, and General Education requirements.

Contact Information:

Trades & Industry Division

Parker Technical Education Center

7064 West Lancaster Road

Rathdrum, ID 83858

Phone: (208) 769-3448

Program Website (<https://www.nic.edu/programs/>)

Program Requirements

Course	Title	Credits
Semester 1		
CMGT-220	Introduction to Construction Management	3
HUMS-101	Montage: Introduction to the Humanities	3
MATH-160	Survey of Calculus	4
SOC-101	Introduction to Sociology	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
Credits		16-17
Semester 2		
ART-100	Introduction to Art	3
CMGT-110	Construction Materials and Methods	3
CMGT-111	Construction Materials and Methods Lab	1
COMM-101	Fundamentals of Oral Communication	3
PHYS-111	General Physics I	4
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
Credits		17-18
Semester 3		
ACCT-201	Principles of Accounting	3
CMGT-245	Drawings, Specifications, and Codes	3
INTR-250C	Integrative Business and Value Creation	3
PHIL-103	Introduction to Ethics	3
PHYS-112	General Physics II	4
Credits		16
Semester 4		
ACCT-202	Managerial Accounting	3
BUSA-265	Legal Environment of Business	3
CMGT-250	Construction Communications	3
ENSI-119	Introduction to Environmental Science	4

ECON-202	Principles of Microeconomics	3
GEM 7W - Wellness		1
Credits		17
Total Credits		66-68

Course Key



GEM



AAS
Institutionally
Designated



Gateway



Milestone

Program Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate understanding of geometric/spatial concepts critical to carpentry and construction.
2. Apply concepts and knowledge of blueprints, plans drawings, and modeling as related to the construction industry.
3. Demonstrate understanding of construction lay-out procedures common to industry.
4. Demonstrate and apply concepts related to basic estimation and scheduling.
5. Demonstrate knowledge of residential and commercial building concepts related to foundations, walls, flooring, mechanical systems, finish, roofs/trusses, insulation, and siding.
6. Demonstrate the ability to make cost and materials estimates by performing "take-offs" from a variety of plans, drawings, and blueprints.
7. Demonstrate written and oral communication skills required of supervisors and contractors in the construction industry, including, but not limited to, project bids, cost estimates, supervision of personnel, presentations, business letters and reports.
8. Recognize, interpret, and apply advanced blueprint reading skills to commercial and residential building sites.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.