

BUILDING CONSTRUCTION

The building construction program gives students a basic knowledge of carpentry and related fields. By learning classroom theory and applying skills with on-the-job construction projects, students become familiar with tools of the trade, subcontracting, estimating, record keeping, and other building trade competencies. Upon completion of the program, students are prepared to begin careers working in construction.

(Enrollment into this program is limited and is based on the date of application.)

Required Program of Study for Associate of Applied Science Degree (2 years)

FRESHMAN YEAR

First Semester

| Course | Credits |
|--|---------|
| CNST 1000 Building Construction Fundamentals | 1.5 |
| CNST 1005 Building Construction Fundamentals Lab | 2.5 |
| CNST 1030 Construction Drafting | 2 |
| CNST 1040 Construction Drafting Lab | 1 |
| CNST 1050 Residential Blueprint Reading | 3 |
| CNST 1065 Principles of Light-Frame Structure Technology | 1.5 |
| CNST 1075 Principles of Light-Frame Structure Tech Lab | 2.5 |
| MATH 1020 Technical Mathematics I* | 3 |
| CNST 1035 Construction Safety,* INDT 1025 Introduction to Industrial Safety,* OR HLTH 1710 First Aid* | 1-2 |
| | 18-19 |

Second Semester

| Course | Credits |
|--|---------|
| CNST 1210 Building Construction II | 3 |
| CNST 1220 Building Construction II Lab | 5 |
| CNST 1230 Construction and Architectural Drafting ... | 2 |
| CNST 1240 Construction and Architectural Drafting Lab | 1 |
| CNST 1250 Materials Estimating | 2 |
| CAPL 1290 Introduction to Job Search and Employment* | 1 |
| ENGL 1050 Workplace Communication* | 3 |
| | 17 |

Required Summer (12 weeks)

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|--|---|
| CNST 1300 Cooperative Internship I | 6 |
| | 6 |

SOPHOMORE YEAR

First Semester

| Course | Credits |
|---|---------|
| CNST 2010 Concrete Construction | 2 |
| CNST 2020 Concrete Construction Lab | 1 |
| CNST 2030 Cabinet and Finish Construction I | 3 |
| CNST 2040 Cabinet and Finish Construction I Lab | 4 |
| CNST 2050 Blueprint Reading and Estimating I | 2 |
| CNST 2060 Blueprint Reading and Estimating I Lab ... | 1 |
| ECON 1010 Personal and Business Finance* | 2 |
| PSYC 1000 Human Relations* | 2 |
| | 17 |

Second Semester

| Course | Credits |
|---|---------|
| CNST 2230 Millwork and Finish Construction II | 4 |
| CNST 2240 Millwork and Finish Construction II Lab ... | 5 |
| CNST 2250 Blueprint Reading and Estimating II | 2 |
| CNST 2260 Blueprint Reading and Estimating II Lab ... | 1 |
| CNST 2270 Construction Management | 1 |
| INFO 1000 Basic Computer Applications* | 2 |
| HVAC 2230 Physics of Building Science* OR INDT 1040 Industrial Process of Dynamics* | 2 |
| | 17 |

Total Credit Hours 75-76

*See general education requirements.