



MITCHELLTECH

Architectural Design & Building Construction

- Real construction experience to prepare you for the world of work
- Diverse areas like drafting, design, estimating, management, and commercial construction
- Experience in cabinetry, rough and finish construction, concrete, drywall and more
- An on-the-job internship to expand your skill set
- South Dakota's only Certified Green Professional program
- Great job opportunities

JOB PLACEMENT RATE: 100%*

TUITION/FEES/LAPTOP: \$18,511

Book and tool costs extra.

*Placement data is gathered through graduate surveys, faculty-collected data, and phone surveys started after six months of graduation. In 2019, 20 of the 20 graduates responded to the survey. Employment rate is figured by: (graduates employed)/(responding graduates who are seeking employment).

BE THE BEST.

800-684-1969
mitchelltech.edu

Award: AAS Degree

| First Semester | | | Semester Credits |
|----------------|-----|---------------------------------------|------------------|
| AD | 101 | Building Design | 2 |
| AD | 151 | Architectural Drafting Design | 4 |
| BC | 103 | Construction Equipment | 1 |
| BC | 110 | Framing & Exterior Finish | 3 |
| BC | 115 | Building Methods | 2 |
| BC | 121 | Material Takeoff | 2 |
| OSHA | 101 | OSHA 10 Training - Construction | 1 |
| SSS | 100 | Student Success | 1 |
| | | | 16 |

| Second Semester | | | Semester Credits | |
|-----------------|-----|-------------------------------|-------------------------|---|
| AD | 102 | Building Materials | 2 | |
| AD | 117 | Project Timeline & Cost | 2 | |
| AD | 152 | 3D Architectural Design | 2 | |
| BC | 124 | Green Building | 2 | |
| BC | 125 | Building Envelope | 2 | |
| BC | 130 | Casework | 3 | |
| BC | 162 | Post Frame | 1 | |
| CPR | 100 | First Aid, CPR & AED | 0.5 | |
| | | | Computer Elective | 3 |
| | | | 17.5 | |

| Third Semester (Summer) | | | Semester Credits |
|-------------------------|-----|------------------|------------------|
| BC | 290 | Internship | 6 |

| Fourth Semester (Fall) | | | Semester Credits | |
|------------------------|-----|-------------------------------------|-------------------------------|---|
| AD | 221 | Advanced Building Principles | 2 | |
| AD | 242 | Building Information Modeling | 2 | |
| AD | 272 | Construction Documents | 2 | |
| BC | 210 | Advanced Wood Framing | 2 | |
| BC | 212 | Drywall, Tape & Texture | 2 | |
| BC | 221 | Footings & Foundations | 2 | |
| | | | Communications Elective | 3 |
| | | | Social Science Elective | 3 |
| | | | 18 | |

| Fifth Semester (Spring) | | | Semester Credits | |
|-------------------------|-----|--|-----------------------------------|---|
| BC | 225 | Commercial Structures | 3 | |
| BC | 230 | Interior Finish | 3 | |
| BC | 271 | Construction Contracting & Leadership .. | 3 | |
| SSS | 200 | Career Readiness | 1 | |
| WLD | 103 | Basic SMAW | 1 | |
| | | | Math Elective | 3 |
| | | | Behavioral Science Elective | 3 |
| | | | 18 | |

Total Credits Required to Graduate: 74.5



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