# Bachelor of Science in Engineering Technology: Civil Engineering Technology 2021-2022

## Freshman Year

### Fall Credits Completed
- **DDSN 119 Technical Graphics I** 3<br>- **CAPP 151 MS Office** 3<br>- **ETCC 173 Arch. Cnst Materials** 3<br>- **CATEGORY VII: IT 100 Intro to Technology** 3<br>- **M 121 College Algebra** 3

**Total Credits: 15**

## Sophomore Year

### Fall Credits Completed
- **ECIV 230 Cnst. Mgmt. & Bid Estimation** 3<br>- **EGEN 203 Applied Mechanics** 3<br>- **CATEGORY III: PHSX 205 College Physics I** 3<br>- **CATEGORY III: PHSX 206 College Physics I Lab** 1<br>- **STAT 216 Introduction to Statistics** 3<br>- **CATEGORY I: COMX 111 Intro to Public Speaking** 3

**Total Credits: 16**

## Junior Year

### Fall Credits Completed
- **MCH 457 Quality Assurance** 3<br>- **ETCC 307 Structural Analysis** 3<br>- **ETCC 385 Highway Design** 4<br>- **M 171 Calculus I** 5

**Total Credits: 15**

## Senior Year

### Fall Credits Completed
- **ETCC 361 Design/Details Steel Buildings** 4<br>- **ETCC 489 Senior Project I** 1<br>- **CATEGORY VI: Humanities & Fine Arts** 3<br>- **ETCC 375 Applied Fluid Mechanics** 3<br>- **Math/Science Elective** 4

**Total Credits: 15**

### Spring Credits Completed
- **CAPP 266 Advanced MS Excel Applications** 3<br>- **DDSN 114 Intro to CAD** 3<br>- **IT III Industrial Safety/Waste Management** 2<br>- **M 112 Trigonometry & Complex Numbers** 2<br>- **CATEGORY IV: Social Science and History** 3<br>- **CATEGORY I: College Writing I** 3/4

**Total Credits: 16/17**

### Spring Credits Completed
- **EGEN 325 Engineering Economics Analysis** 3<br>- **ETCC 302 Soil and Foundations** 4<br>- **BMGT 422 Project Management** 3<br>- **WRIT 350 Technical Writing** 3<br>- **CATEGORY IV: Social Science and History** 3<br>- **Science Elective** 3<br>- **CATEGORY V: Cultural Diversity** 3<br>- **CATEGORY VI: Humanities/Fine Arts** 3

**Total Credits: 16**

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**Montana State University-Northern | 300 13th St W, Havre MT 59501 | www.msun.edu | 406.265.3700**
Montana State University-Northern’s Civil Engineering Technology BS program is accredited by the Engineering Technology Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone: (410) 347-7700. ETAC-ABET is the sole organization authorized by the U.S. Department of Education for accrediting programs of this type.

Graduates of the Bachelors degree program that pass their Fundamentals of Engineering (FE) Examination are qualified, under state law, to pursue a career as engineers in training. With the FE and four years of progressively responsible experience and other criteria as set out by the Montana Board of Professional Engineers and Land Surveyors graduates may sit for their Principles Practices of Engineering Exam (PE).

**WANT TO GRADUATE ON TIME? SAVE MONEY? GET BETTER GRADES?**

You’re going to need 15. That’s the number of credits you need to take each semester to graduate on time. Sure, you can take less and still receive some scholarships and funding. But unless you take 15 credits a semester (or 30 a year), you’re looking at an extra year or more in order to graduate. Know the courses you need to graduate, and meet with your advisor to map out a plan to earn your degree on time.