

# BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY: CIVIL ENGINEERING TECHNOLOGY 2021-2022

FRESHMAN YEAR   FALL	CREDITS	COMPLETED
DDSN 119 Technical Graphics I	3	<input type="checkbox"/>
CAPP 151 MS Office	3	<input type="checkbox"/>
ETCC 173 Arch. Cnst Materials	3	<input type="checkbox"/>
<b>CATEGORY VII:</b> IT 100 Intro to Technology	3	<input type="checkbox"/>
M 121 College Algebra	3	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>15</b>	

FRESHMAN YEAR   SPRING	CREDITS	COMPLETED
CAPP 266 Advanced MS Excel Applications	3	<input type="checkbox"/>
DDSN 114 Intro to CAD	3	<input type="checkbox"/>
IT III Industrial Safety/Waste Management	2	<input type="checkbox"/>
M 112 Trigonometry & Complex Numbers	2	<input type="checkbox"/>
<b>CATEGORY IV:</b> Social Science and History	3	<input type="checkbox"/>
<b>CATEGORY I:</b> College Writing I	3/4	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>16/17</b>	

SOPHOMORE YEAR   FALL	CREDITS	COMPLETED
ECIV 230 Cnst. Mgmt. & Bid Estimation	3	<input type="checkbox"/>
EGEN 203 Applied Mechanics	3	<input type="checkbox"/>
<b>CATEGORY III:</b> PHSX 205 College Physics I	3	<input type="checkbox"/>
<b>CATEGORY III:</b> PHSX 206 College Physics I Lab	1	<input type="checkbox"/>
STAT 216 Introduction to Statistics	3	<input type="checkbox"/>
<b>CATEGORY I:</b> COMX 111 Intro to Public Speaking	3	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>16</b>	

SOPHOMORE YEAR   SPRING	CREDITS	COMPLETED
<b>CATEGORY III:</b> CHMY 121 Intro to College Chemistry & Lab	4	<input type="checkbox"/>
DDSN 245 Civil Drafting	3	<input type="checkbox"/>
EGEN 208 Applied Strength of Materials	3	<input type="checkbox"/>
M 162 Applied Calculus	3	<input type="checkbox"/>
SRVY 230 Intro to Srvy for Engineers	3	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>16</b>	

JUNIOR YEAR   FALL	CREDITS	COMPLETED
MCH 457 Quality Assurance	3	<input type="checkbox"/>
ETCC 307 Structural Analysis	3	<input type="checkbox"/>
ETCC 385 Highway Design	4	<input type="checkbox"/>
M 171 Calculus 1	5	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>15</b>	

JUNIOR YEAR   SPRING	CREDITS	COMPLETED
EGEN 325 Engineering Economics Analysis	3	<input type="checkbox"/>
ETCC 302 Soil and Foundations	4	<input type="checkbox"/>
BMGT 422 Project Management	3	<input type="checkbox"/>
WRIT 350 Technical Writing	3	<input type="checkbox"/>
<b>CATEGORY IV:</b> Social Science and History	3	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>16</b>	

SENIOR YEAR   FALL	CREDITS	COMPLETED
ETCC 361 Design/Details Steel Buildings	4	<input type="checkbox"/>
ETCC 489 Senior Project I	1	<input type="checkbox"/>
<b>CATEGORY VI:</b> Humanities & Fine Arts	3	<input type="checkbox"/>
ETCC 375 Applied Fluid Mechanics	3	<input type="checkbox"/>
Math/Science Elective	4	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>15</b>	

SENIOR YEAR   SPRING	CREDITS	COMPLETED
ETCC 411 Rein Concrete Design/Details	4	<input type="checkbox"/>
ETCC 499 Capston: Senior Project II	2	<input type="checkbox"/>
Science Elective	3	<input type="checkbox"/>
<b>CATEGORY V:</b> Cultural Diversity	3	<input type="checkbox"/>
<b>CATEGORY VI:</b> Humanities/Fine Arts	3	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>15</b>	



# THE VALUE OF YOUR CIVIL ENGINEERING TECHNOLOGY DEGREE



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).

## 15 TO FINISH

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

# 15

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.