

# CIVIL ENGINEERING TECHNOLOGY - BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY (ONLINE)

## A Suggested Plan of Study for Students

This roadmap assumes student placement in MATH 1511G Calculus and Analytic Geometry I and ENGL 1110G Composition I. The contents and order of this roadmap may vary depending on initial student placement in mathematics and English. It is only a suggested plan of study for students and is not intended as a contract. Course availability may vary from fall to spring semester and may be subject to modification or change.

First Year		Credits
Transfer Credits		30
	<b>Credits</b>	<b>30</b>
Second Year		
Transfer Credits		31-32
	<b>Credits</b>	<b>31-32</b>
Summer		
ENGR 233	Engineering Mechanics I	3
	<b>Credits</b>	<b>3</b>
Third Year		
Fall		
ET 310	Applied Strength of Materials	3
ET 310 L	Applied Strength of Materials Lab	1
IE 451	Engineering Economy	3
ENGR 234	Engineering Mechanics II	3
SUR Elective (from list)		3
Viewing a Wider World Course (From College of Business)		3
	<b>Credits</b>	<b>16</b>
Spring		
ET 308	Fluid Technology	3
ET 308 L	Fluid Technology Lab	1
ET 254	Concrete Technology	3
ET 332	Applied Design of Structures I	4
ET 355	Site/Land Development and Layout	3
Viewing a Wider World Course		3
	<b>Credits</b>	<b>17</b>
Fourth Year		
Fall		
ET 354	Soil and Foundation Technology	4
ET 432	Applied Design of Structures II	4
ET 459	Construction Technology and Management	3
Tech Elective (from pre-approved list)		3
	<b>Credits</b>	<b>14</b>
Spring		
ET 410	Senior Seminar	1
ET 412	Highway Technology	3
ET 418	Applied Hydraulics	3

ET 421	Senior Project	3
	<b>Credits</b>	<b>10</b>
	<b>Total Credits</b>	<b>121-122</b>

<sup>1</sup> Students may need to take any prerequisites needed before enrolling in MATH 1511G Calculus and Analytic Geometry I or MATH 1521G Calculus and Analytic Geometry II. These courses satisfy both the Area II and General Education Elective requirements.

<sup>2</sup> See the General Education (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/>) section of this catalog for a full list of courses

<sup>3</sup> See the Viewing a Wider World (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/#viewingawiderworldtext>) section of this catalog for a full list of courses

<sup>4</sup> **Surveying Electives:** SUR 328 Construction Surveying & Automation Technologies, SUR 351 Spatial Data Adjustment I, or SUR 361 Geodesy/Geodetic Control Surveying

<sup>5</sup> **Technical Elective Courses:** Restricted to those on the list and any SUR 300+ (in addition to the required Surveying Elective). Please verify with your faculty advisor for pre-approval of ENGR 400 Special Topics and for discussion of ET 420 Engineering Internship limitations and specifications.