



**ENGINEERING TECHNOLOGY**  
**ASSOCIATE OF APPLIED SCIENCE**

***CIVIL ENGINEERING TECHNOLOGY***  
***CONSTRUCTION MANAGEMENT OPTION***

<b>TECHNICAL Course Number</b>	<b>Course Title</b>	<b>Credits</b>	<b>Completed Sem./Year</b>
CET121	Building Materials & Construction Methods	3	
CET237	Interpreting Construction Documents	2	
CET239	Building Code Applications	2	
CET125/222	Soil Mechanics or Concrete & Asphalt Testing	3	
CET223	Structural Design I	3	
CET225	Site and Building Service Systems	3	
CET226	Estimating	3	
CET227	Surveying I	3	
CET235	Construction Management, Job Cost & Safety	3	
CET236	Global Positioning System	3	
CET232	Land Planning & Design	3	
DET125	Basic AutoCAD	3	
ETD121	Engineering Technology Seminar	1	
MET124	Statics & Strength of Materials	4	
<b>TOTAL</b>		<b>39</b>	
<b>BASIC/RELATED Course Number</b>	<b>Course Title</b>	<b>Credits</b>	<b>Completed Sem./Year</b>
ECA122	Computer Applications for Technical Professionals	3	
MTH125	College Algebra	4	
MTH128	Trigonometry	1	
MTH126	Pre-Calculus	4	
MTH221	Concepts of Calculus	3	
PHY121	Physics I	4	
<b>TOTAL</b>		<b>19</b>	
<b>NON-TECH Course Number</b>	<b>Course Title</b>	<b>Credits</b>	<b>Completed Sem./Year</b>
ENG124	College Composition	3	
ENG221	Technical Report Writing	3	
COM121/123	Effective Speaking or Inter-group Communications	3	
	Select one (1) Arts/Humanities/Social Science elective from the list below.	3	
<b>TOTAL</b>		<b>12</b>	
<b>TOTAL CREDIT HOURS</b>		<b>70</b>	

Arts/Humanities/Social Science Electives: ACC130, PHL122, SOC121, SOC225

FULL-TIME STUDENT - ADVISING NOTES

1. ACADEMIC ADVISING - Each student should make an appointment to see their advisor if they have difficulty registering on-line or have other questions.
2. COURSE SEQUENCE - The semester-by-semester listing below gives the normal scheduling option for full-time associate degree students who plan to finish in two years. Some courses can be scheduled as beginning courses in other semesters depending upon course availability and advisor's recommendation. Introduction to Algebra should be scheduled before College Algebra and Trigonometry by those whose pre-admission test indicates the need for it. Introduction to Algebra and selected technical and general studies courses are available summer term.
3. TECHNICAL ELECTIVES - Some programs provide for technical electives. Consult with your academic advisor to determine course availability.
4. BACHELOR'S DEGREE - In most of the associate degree programs, some courses may be applied towards a bachelor's degree in technology. Bachelor's degree requirements and course transferability are controlled by the institution to which the student plans to transfer. Please inform your advisor if you plan on completing a bachelor's degree after your SSCT engineering technology degree

**CIVIL ENGINEERING TECHNOLOGY – CONSTRUCTION MANAGEMENT OPTION**

<u>First Semester</u>	<u>Credit Hours</u>	<u>Prerequisite</u>
MTH125 College Algebra	4	MTH101 or MTH103 or Test
MTH128 Trigonometry	1	Co-MTH125
CET121 Building Materials & Construction Methods	3	-
CET237 Interpreting Construction Documents	2	-
DET125 Basic AutoCAD	3	-
ETD121 Engineering Technology Seminar	1	-
ECA122 Computer Applications for Technical Professionals	<u>3</u>	-
	17	
 <u>Second Semester</u>		
MTH126 Pre-Calculus	4	MTH125, MTH128
MET124 Statics & Strength of Materials	4	Co-PHY121
	3	-
CET125/222 Soil Mechanics or Concrete & Asphalt Testing	3	MTH125, Co-MET124
PHY121 Physics I	<u>4</u>	MTH125, MTH128
	18	
 <u>Third Semester</u>		
ENG124 College Composition	3	ENG105 or Test
MTH221 Concepts of Calculus	3	MTH126
CET227 Surveying I	3	Co-MTH125
CET223 Structural Design I	3	MET124
CET232 Land Planning & Design	3	CET227 & (CET122 or CET124 or DET125)
CET235 Construction Management, Job Cost & Safety	<u>3</u>	CET121 and ECA122
	18	
 <u>Fourth Semester</u>		
ENG221 Technical Report Writing	3	ENG124
COM121/123 Effective Speaking or Inter-group Communications	3	3 ENG124
CET225 Site and Building Service Systems	3	CET121, MTH125
CET239 Building Code Applications	2	CET121, CET237, or CET122
CET226 Estimating	3	CET121, ECA122, MTH125 & (CET122 or DET125 or CET237)
CET236 Global Positioning System	<u>3</u>	CET227
	17	
<b>TOTAL CREDITS</b>	<b>70</b>	