



ENGINEERING TECHNOLOGY

ASSOCIATE OF APPLIED SCIENCE

CIVIL ENGINEERING TECHNOLOGY - ARCHITECTURAL MAJOR

TECHNICAL Course Number	Course Title	Credits	Completed Sem./Year
CET121	Building Materials & Construction Methods	3	
CET122	Architectural Drafting I	3	
CET123	Architectural Drafting II	3	
CET223	Structural Design I	3	
CET225	Site and Building Service Systems	3	
CET226	Estimating	3	
CET227	Surveying I	3	
CET232	Land Planning and Design	3	
CET233	Architectural Design	3	
CET234	A/E CAD	2	
CET235	Construction Management, Job Cost & Safety	3	
DET125	Basic AutoCAD	3	
ETD121	Engineering Technology Seminar	1	
MET124	Statics & Strength of Materials	4	
TOTAL		40	
BASIC/RELATED Course Number	Course Title	Credits	Completed Sem./Year
ECA122	Computer Applications for Technical Professionals	3	
MTH121	College Algebra & Trigonometry I	4	
MTH122	College Algebra & Trigonometry II	3	
MTH221	Concepts of Calculus	3	
PHY121	Physics I	4	
PHY122	Physics II	4	
TOTAL		21	
NON-TECH Course Number	Course Title	Credits	Completed Sem./Year
ENG124	College Composition	3	
ENG221	Technical Report Writing	3	
SPH121/SPH122	Effective Speaking or Inter-group Communications	3	
	Select one (1) Arts/Humanities/Social Science elective from the list below.	3	
TOTAL		12	
TOTAL CREDIT HOURS		73	

Arts/Humanities/Social Science Electives: PSY121, PSY122, PSY123, PSY124, PSY221, PHL122, SOC121, SOC122, SOC123, SOC225, BUS122, BUS221, BUS222, PSC121

FULL-TIME STUDENT - ADVISING NOTES

1. ACADEMIC ADVISING - Each student should make an appointment to see their advisor every semester before registering for classes. Please have your registration form completed, including the courses you wish to take, for this meeting.
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 & Trigonometry I by those whose preadmission 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 SSET engineering technology degree.

CIVIL ENGINEERING TECHNOLOGY - ARCHITECTURAL MAJOR

<u>First Semester</u>		<u>Credit Hours</u>	<u>Prerequisite</u>
ENG124	College Composition	3	ENG101 or Test
MTH121	College Algebra & Trigonometry I	4	MTH101 or Test
PHY121	Physics I	4	Co-MTH121
CET121	Building Materials & Construction Methods	3	-
CET122	Architectural Drafting I	3	-
ETD121	Engineering Technology Seminar	<u>1</u>	-
		18	
 <u>Second Semester</u>			
MTH122	College Algebra & Trigonometry II	3	MTH121
PHY122	Physics II	4	PHY121
MET124	Statics & Strength of Materials	4	Co-PHY121, MTH121
ECA122	Computer Applications for Technical Professionals	3	-
CET123	Architectural Drafting II	3	Co-CET121, CET122
DET125	Basic AutoCAD	<u>3</u>	-
		20	
 <u>Third Semester</u>			
ENG221	Technical Report Writing	3	ENG124
MTH221	Concepts of Calculus	3	MTH122
CET227	Surveying I	3	Co-MTH121
CET223	Structural Design I	3	MET124
CET232	Land Planning & Design	3	CET122, CET227
CET235	Construction Management, Job Cost & Safety	<u>3</u>	-
		18	
 <u>Fourth Semester</u>			
SPH121/122	Effective Speaking or Inter-group Communications	3	ENG124
CET226	Estimating	3	CET121, CET122, MTH121, ECA122, DET125
CET225	Site and Building Service Systems	3	CET121, MTH121
CET233	Architectural Design	3	CET121, CET123, Graduating
CET234	A/E CAD	2	CET121, CET122, DET125
	Arts/Humanities/Social Science Elective	<u>3</u>	-
		17	
	TOTAL CREDITS	73	

Arts/Humanities/Social Science Electives: PSY121, PSY122, PSY123, PSY124, PSY221, PHL122, SOC121, SOC122, SOC123, SOC225, BUS122, BUS221, BUS222, PSC121