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**CIVIL ENGINEERING TECHNOLOGY  
ASSOCIATE OF APPLIED SCIENCE  
FALL SEMESTER  
Curriculum Guide Sheet**

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Total semester hours required for graduation: 64

NOTE: Meeting the requirements for graduation indicated on this sheet is the responsibility of the student. The student is also responsible for meeting all FSU General Education requirements as outlined in the university catalog. Your advisor is available to assist you.

**FIRST YEAR - FALL SEMESTER**

	<b>CREDITS/GRADES</b>
CONM 111 Construction Practices (MATH 116 concurrent)	3 _____
CONM 113 Computer Applications for Construction (MATH 116 concurrent)	3 _____
CONM 121 Materials Properties and Testing (MATH 116 concurrent) <b>OR</b> Cultural Enrichment Elective	3 _____
ENGL 150 English 1 (Placement)	3 _____
MATH 116 Intermediate Algebra and Numerical Trigonometry (Placement)	4 _____

**FIRST YEAR - WINTER SEMESTER**

CONM 112 Plans and Specifications (CONM 111, C- in MATH 116) Cultural Enrichment Elective <b>OR</b> CONM 121 Materials Properties and Testing (MATH 116 concurrent)	3 _____
CONM 122 Construction Surveying and Layout (C- in MATH 116)	3 _____
MATH 126 Algebra and Analytic Trigonometry (C- in MATH 116)	4 _____
PHYS 211 Introductory Physics 1 (MATH 116)	4 _____

**SECOND YEAR - FALL SEMESTER**

CONM 211 Construction Quantity Estimating (CONM 112,113, C- in MATH 116)	3 _____
CONM 212 Soils and Foundations (CONM 121, C- in MATH 116) <b>OR</b> CONM 221 Statics and Structures (C- in MATH 116, PHYS 211)	3 or 4 _____
CETM 214 Advanced Materials Properties and Testing (CONM 121, C- in MATH 116)	3 _____
ENGL 211 Industrial and Career Writing (ENGL 150)	3 _____
Social Awareness Elective (ECON 221 - Prin. of Economics 1 required for students laddering into the BS Construction Management)	3 _____

**SECOND YEAR - WINTER SEMESTER**

CONM 221 Statics and Structures (C- in MATH 116, PHYS 211) <b>OR</b> CONM 212 Soils and Foundations (CONM 121, C- in MATH 116)	4 or 3 _____
CONM 222 Construction Administration (CONM 211)	3 _____
CETM 215 Pavement Design and Construction	3 _____
CETM 226 Highway Technology (CONM 113, 122)	3 _____
CETM 227 Hydraulics and Hydrology (MATH 126, PHYS 211)	3 _____

**CURRICULUM REQUIREMENTS  
CIVIL ENGINEERING TECHNOLOGY  
ASSOCIATE DEGREE IN APPLIED SCIENCE  
FALL SEMESTER**

<b>TECHNICAL</b>	<b>CREDIT HOURS</b>	<b>GENERAL EDUCATION</b>	<b>CREDIT HOURS</b>
CETM 214 Adv. Materials Properties & Testing	3	<b><u>Communication Competence</u></b>	
CETM 215 Pavement Design & Construction	3	ENGL 150 English 1	3
CETM 226 Highway Technology	3	ENGL 211 Industrial & Career Writing	3
CETM 227 Hydraulics & Hydrology	3		
CONM 111 Construction Practices	3		
CONM 112 Plans & Specifications	3	<b><u>Scientific Understanding</u></b>	
CONM 113 Comp. Appl. for Construction	3	PHYS 211 Introductory Physics 1	4
CONM 121 Materials Properties & Testing	3		
CONM 122 Construction Surveying & Layout	3		
CONM 211 Construction Quantity Estimating	3	<b><u>Quantitative Skills</u></b>	
CONM 212 Soils & Foundations	3	MATH 116 Interm. Algebra & Numerical Trig.	4
CONM 221 Statics & Structures	4	MATH 126 Algebra & Analytic Trigonometry	4
CONM 222 Construction Administration	3		
		<b><u>Cultural Enrichment</u></b>	
		Elective	3
		<b><u>Social Awareness</u></b>	
		Elective	3

**A.A.S. Degree Minimum General Educational Requirements in Semester Hours:**

**Cultural Enrichment Credits - 3**  
**Communication Credits - 6**

**Social Awareness Credits - 3**  
**Scientific Understanding Credits - 3/4**