

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

NAME _____ CWID _____

Total semester hours required for graduation: 63-64

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 (14 Credits)		CREDITS/GRADES
CONM 116	Construction Graphics (C- in MATH 110 or 19 ACT)	2 _____
CONM 121	Materials, Properties/Testing (C- in MATH 110 or 19 ACT)	3 _____
ISYS 105	Intro to Microcomputer Systems	3 _____
ENGL 150	English I (Placement)	3 _____
MATH 115	Intermediate Algebra (Placement) [Must pass with a "C-" to continue]	3 _____

FIRST YEAR-WINTER SEMESTER (15 Credits)		
CONM 111	Construction Practices (CONM 116; MATH 115)	3 _____
CONM 112	Plans and Specifications (CONM 116; MATH 115)	3 _____
MATH 120	Trigonometry (MATH 115)	3 _____
ENGL 211	Industrial and Career Writing (ENGL 150)	3 _____
ELECTIVE	Cultural Enrichment	3 _____

To continue into the second year, I understand I must pass MATH 120 (or its equivalent) with a "C-" or higher and have an overall GPA of 2.0 or better. Student Signature _____

SECOND YEAR-FALL SEMESTER (16-17 Credits)		
CONM 122	Construction Surveying and Layout (CONM 111, 112; MATH 120)	3 _____
CONM 211	Construction Estimating (CONM 121; MATH 120)	3 _____
CETM 214	Advanced Materials (CONM 121; MATH 120)	3 _____
CETM 215	Construction Equipment and Operations (MATH 115; CONM 121)	3 _____
PHYS 211	Introductory Physics 1 (MATH 120)	4 _____
CETM 230	MDOT Certifications Preparation (CONM 121; CETM 213 co-req) [OPTIONAL]	1 _____

SECOND YEAR-WINTER SEMESTER (18 Credits)		
CONM 212	Soil and Foundations (CONM 121; MATH 120)	3 _____
CONM 221	Statics and Strength of Materials (PHYS 211 co-req; MATH 120)	3 _____
CONM 222	Construction Administration (CONM 111, 112; MATH 120)	3 _____
CETM 226	Highway Technology with CAD (CONM 122; ISYS 105)	3 _____
CETM 327	Hydraulics and Hydrology (PHYS 211 co-req; MATH 120)	3 _____
ELECTIVE	Social Awareness	3 _____

Apply for Entry into the Bachelor of Science Degree in Construction Management.

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

TECHNICAL HOURS	CREDIT	GENERALEDUCATION	CREDIT HOURS
CETM 214 Adv. Materials Properties & Testing	3	<u>Communication Competence</u>	
CETM 215 Pavement Design & Construction	3	ENGL 150 English 1	3
CETM 226 Highway Technology	3	ENGL 211 Industrial & Career Writing	3
CETM 327 Hydraulics & Hydrology	3		
CONM 111 Construction Practices	3		
CONM 112 Plans & Specifications	3	<u>Scientific Understanding</u>	
CONM 113 Comp. Appl. for Construction	3	PHYS 211 Introductory Physics 1	4
CONM 116 Construction Graphics	2		
CONM 121 Materials Properties & Testing	3		
CONM 122 Construction Surveying & Layout	3	<u>Quantitative Skills</u>	
CONM 211 Construction Quantity Estimating	3	MATH 115 Intermediate Algebra	3
CONM 212 Soils & Foundations	3	MATH 120 Trigonometry	3
CONM 221 Statics & Structures	3		
CONM 222 Construction Administration	3		
CONM 230 MDOT Certification Preparation	1	<u>Cultural Enrichment</u>	
		Elective	3
Technical Related			
ISYS 105 Intro of Microcomputer Systems	3	<u>Social Awareness</u>	
		Elective	3

Entry to the BS in Construction Management program requires successful completion of MATH 120 with a C- or higher grade, PHYS 211 with a C- grade or higher, and a minimum overall GPA of 2.30, and Departmental approval and acceptance. Apply for entry from department.

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