

**BUILDING CONSTRUCTION TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE
MECHANICAL/ELECTRICAL/PLUMBING EMPHASIS
Curriculum Guide Sheet**

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

	CREDITS/GRADES
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) OR 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 OR 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) OR CONM 221 Statics and Structures (C- in MATH 116, PHYS 211)	3 or 4 _____
BCTM 225 Field Engineering (CONM 113,122)	3 _____
BCTM 223 Mechanical and Electrical Plans and Specifications (CONM 112)	3 _____
ENGL 211 Industrial and Career Writing (ENGL 150)	3 _____

SECOND YEAR - WINTER SEMESTER

CONM 221 Statics and Structures (C- in MATH 116, PHYS 211) OR CONM 212 Soils and Foundations (CONM 121, C- in MATH 116)	4 or 3 _____
CONM 222 Construction Administration (CONM 211)	3 _____
BCTM 233 Mechanical, Electrical and Plumbing Construction (CONM 111, 112, BCTM 223)	3 _____
HVAC 337 Mechanical/Electrical Systems for Buildings	3 _____
Social Awareness Elective (ECON 221 - Prin of Economics 1 required for students laddering into the BS Construction Management)	3 _____

**CURRICULUM REQUIREMENTS
BUILDING CONSTRUCTION TECHNOLOGY
ASSOCIATE DEGREE IN APPLIED SCIENCE
MECHANICAL/ELECTRICAL/PLUMBING EMPHASIS**

<u>TECHNICAL</u>	<u>CREDIT HOURS</u>	<u>GENERALEDUCATION</u>	<u>CREDIT HOURS</u>
BCTM 223 Mechanical & Electrical Plans/Specs	3	<u>Communication Competence</u>	
BCTM 225 Field Engineering	3	ENGL 150 English 1	3
BCTM 233 Mech., Elect., Plumbing Construction	3	ENGL 211 Industrial & Career Writing	3
CONM 111 Construction Practices	3		
CONM 112 Plans & Specifications	3		
CONM 113 Comp. Appl. for Construction	3	<u>Scientific Understanding</u>	
CONM 121 Materials Properties & Testing	3	PHYS 211 Introductory Physics 1	4
CONM 122 Construction Surveying & Layout	3		
CONM 211 Construction Quantity Estimating	3		
CONM 212 Soils & Foundations	3	<u>Quantitative Skills</u>	
CONM 221 Statics & Structures	4	MATH 116 Interm. Algebra & Numerical Trig.	4
CONM 222 Construction Administration	3	MATH 126 Algebra & Analytic Trigonometry	4
HVAC 337 Mechanical/Electrical Sys for Builders	3		
		<u>Cultural Enrichment</u>	
		Elective	3
		<u>Social Awareness</u>	
		Elective	3
		(ECON 221 required for BS CONM)	

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**