

**BUILDING CONSTRUCTION TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE
BUILDING 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	213 Wood and Steel Framing and Finishes (Sophomore Standing) OR BCTM 225 Field Engineering (CONM 113,122)	3 _____
BCTM	223 Mechanical and Electrical Plans and Specifications (CONM 112) OR HVAC 337 Mechanical/Electrical Systems for Buildings	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	225 Field Engineering (CONM 113, 122) OR BCTM 213 Wood and Steel Framing and Finishes (Sophomore Standing)	3 _____
HVAC	337 Mechanical/Electrical Systems for Buildings OR BCTM 223 Mechanical and Electrical Plans and Specifications (CONM 112)	3 _____
Social Awareness Elective (ECON 221 - Prin of Economics 1 required for students ladder- ing into the BS Construction Management)		3 _____

**CURRICULUM REQUIREMENTS
BUILDING CONSTRUCTION TECHNOLOGY
ASSOCIATE DEGREE IN APPLIED SCIENCE
BUILDING EMPHASIS**

<u>TECHNICAL</u>	<u>CREDIT HOURS</u>	<u>GENERALEDUCATION</u>	<u>CREDIT HOURS</u>
BCTM 213 Wood & Steel Framing/Finishes	3	<u>Communication Competence</u>	
BCTM 223 Mechanical & Electrical Plans/Specs	3	ENGL 150 English 1	3
BCTM 225 Field Engineering	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