

**BS CONSTRUCTION MANAGEMENT
FROM ARCHITECTURAL TECHNOLOGY
BACHELOR OF SCIENCE DEGREE
FALL SEMESTER
Curriculum Guide Sheet**

BS Degree Minimum General Education Requirements

(See the General Education webpage at www.ferris.edu/HTMLS/academics/gened/gened.html for details and acceptable courses in each program)

Communications Competence: 12 semester hours

Quantitative Skills: MATH 115 or ACT score

Scientific Understanding: 7/8 semester hours,
including at least one lab course.

Cultural Enrichment: 9 semester hours,
including at least one course 200 level or higher.

Social Awareness: 9 semester hours, including
at least one Foundations course and at least one course
300 level or higher.

At least one Global Consciousness (G) course and
at least one Race/Ethnicity/Gender (REG) course
(within Cultural Enrichment or Social Awareness).

Meeting all requirements for graduation is the student's responsibility. Your faculty advisor is available to assist you.

Total semester hours required for graduation: 81 credit hours in addition to AAS in ARCH.

CREDITS/GRADES

THIRD YEAR-FALL SEMESTER

CONM 111	Construction Practices (MATH 116 concurrent)	3	_____
CONM 122	Construction Surveying and Layout (C- in MATH 116)	3	_____
CONM 211	Construction Quantity Estimating (CONM 112, 113, C- in MATH 116)	3	_____
CONM 212	Soils and Foundations (CONM 121, C- in MATH 116)	3	_____
MATH 126	Algebra and Analytic Trigonometry (C- in MATH 116)	4	_____

THIRD YEAR-WINTER SEMESTER

CONM 222	Construction Administration (CONM 211)	3	_____
CONM 321	Construction Cost Estimating (CONM 211, C- in MATH 126)	3	_____
MATH 132	Calculus for Business (C- in MATH 126)	3	_____
ECON 221	Principles of Economics 1	3	_____
BLAW 221	Elementary Business Law	3	_____

FOURTH YEAR-FALL SEMESTER

CONM 311	Formwork and Temporary Structures (CONM 221, C- in MATH 126)	3	_____
CONM 313	Construction Economics (C- in MATH 126)	3	_____
CONM 412	Construction Contracts (CONM 222, BLAW 221, ENGL 250, C- in MATH 126)	3	_____
ACCT 221	Principles of Construction Accounting (C- in MATH 126)	3	_____
Elective	Lab Science (PHYS 212, CHEM 121 or GEOL 121)	4	_____

FOURTH YEAR-WINTER SEMESTER

CONM 312	Advanced Construction Scheduling (CONM 222, C- in MATH 126)	3	_____
CONM 324	Advanced Construction Computer Techniques (CONM 113, C- in MATH 126)	3	_____
CONM 422	Construction Supervision and Safety (CONM 222, ENGL 250, C- in MATH 126)	3	_____
MGMT 301/310	Applied Management/Small Business Management	3	_____
Elective	Cultural Enrichment	3	_____

FIFTH YEAR-FALL SEMESTER

CONM 423	Construction Management Professional Methods (ENGL 211/250, CONM 313, Sr. Standing)	4	_____
CONM 499	Construction Project Management	3	_____
MKTG 231	Professional Selling (COMM 121 recommended)	3	_____
STQM 260	Introduction to Statistics (MATH 116)	3	_____
Elective	Social Awareness (300 level or higher)	3	_____
Electives	Cultural Enrichment (200 level or higher)	3	_____

The above courses *must* be taken in the sequence shown. It is recommended that students in the Architectural Technology program take CONM 122, CONM 111, or CONM 212 as an Architectural elective.

**CURRICULUM REQUIREMENTS
CONSTRUCTION MANAGEMENT
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FALL SEMESTER**

TECHNICAL	CREDIT HOURS	GENERAL EDUCATION	CREDIT HOURS
CONM 111 Construction Practices	3	<u>Communication Competence</u>	
CONM 122 Construction Surveying/Layout	3		
CONM 211 Construction Quantity Estimating	3		
CONM 212 Soils and Foundations	3		
CONM 222 Construction Administration	3		
CONM 311 Formwork & Temporary Structures	3	<u>Scientific Understanding</u>	
CONM 312 Advanced Construction Scheduling	3	Lab Science Elective	4
CONM 313 Construction Economics	3	(PHYS212, CHEM 121 or GEOL 121)	
CONM 321 Construction Cost Estimating	3		
CONM 324 Adv. Constr. Computer Techniques	3		
CONM 412 Construction Contracts	3	<u>Quantitative Skills</u>	
CONM 422 Construction Supervision & Safety	3	MATH 126 Algebra & Analytic Trigonometry	4
CONM 423 Constr Mgmt Professional Methods	4	MATH 132 Calculus for Business	3
CONM 499 Construction Project Management	3		
		<u>Cultural Enrichment</u>	
RELATED		Elective	3
ACCT 221 Prin of Construction Accounting	3	Elective (200 level or higher)	3
BLAW 221 Elementary Business Law	3		
MGMT 301 Applied Management	OR	<u>Social Awareness</u>	
MGMT 310 Small Business Management	3	ECON 221 Principles of Economics	3
MKTG 231 Professional Selling	3	Elective (300 level or higher)	3
STQM 260 Intro to Statistics	3		

A minimum 2.30 GPA and C- in MATH 126 is required of all students entering junior year CONM courses.

The upper level communications competence requirement will be fulfilled by completing CONM 412, CONM 422, and CONM 423, which are Writing Intensive Courses. A minimum of 2.3 GPA and C- in MATH 126 is required of all students entering junior year CONM courses.