

**Construction Management
Bachelor's Degree Curriculum**

First Year

<u>Course(s)</u>	<u>Course Number(s)</u>	<u>Credit Hrs</u>
English Composition I, II	32 ENGL 101,102	6
Intermediate Composition	32 ENGL 289	3
College Algebra and Trigonometry	32 MATH 180	5
Calculus I, II	32 MATH 244, 245	8
Physics for Technology I, II & Labs	32 PHYS 181,182,186,187	8
Construction Materials	32 BLTN 107	3
Construction Drawing I, II	32 ARTN 121, 122	6
Fundamentals of Speech Communication	32 COMM 172	3
General Psychology	32 PSYC 171	3
Microcomputer Applications II	32 IET 321	3
Co-op for CAS	36 PD 132	1
Construction Seminar I, II	32 CM 101,102	2
TOTAL		51

Second Year

Physics for Technology III & Lab	32 PHYS 183, 188	4
Fluid Mechanics & Lab	32 CVTN 251, 261	4
Surveying	32 CVTN 242	4
Mechanics of Rigid Bodies	32 CVTN 213	3
Applied Structural Mechanics	32 CVTN 223	1
Structures II & Lab	32 CVTN 212, 222	4
Construction Safety Management	32 CM 276	3
Construction Estimating	32 ARTN 289	3
Construction Documents and Quality Control	32 CM 272	3
Accounting Concepts I	32 ACCT 245	3
Humanities/Social Science		3
Elective		
TOTAL		35

Third Year

Construction Equipment	32 BLTN 310	3
Water Supply and Waste Disposal Systems	32 ARTN 373	4

Accounting Concepts II	32 ACCT 246	3
Structures III, IV & Labs	32 CVTN 313, 314, 323, 324	8
Soil Mechanics & Lab	32 CVTN 378, 388	4
Construction Management I	32 CM 301	3
Electrical Systems	32 ARTN 372	3
Mechanical Systems	32 ARTN 573	4
Survey of Economics	32 ECON 286	3
TOTAL		35

Fourth Year

Probability and Statistics	32 MATH 371	4
Construction Management II, III	32 CM 402, 403	6
Accounting for Decision Making	32 ACCT 271	3
Scheduling	32 CM 411	3
Structural Systems I & Lab	32 CVTN 401, 411	4
Construction Methods	32 BLTN 418	3
Economic Analysis	32 ECON 386	3
Project Costing	32 CM 582	3
Managerial Psychology or Psychology of Work Teams	32 PSYC 373 or 32 PSYC 371	3
TOTAL		32

Fifth Year

Construction Finance & Strategic Planning	32 CM 581	3
Structural Systems II	32 CVTN 571	3
Leadership/Decision Making	32 CM 505	3
Senior Special Project I, II	32 CM 575, 576	10
Construction Law	32 CM 571	3
Business Law	32 BLAW 272	3
Intro to Management	32 MGMT 261	3
Humanities/Social Science		9
Electives		
Technical Electives		9
Free Elective		3
TOTAL		49

Approved technical electives areas are as follows: business law, finance, management, marketing, real estate (College of Business). All other courses taken as technical electives must have prior approval of the department head.

Free electives must have prior approval of either the adviser or department head.

Full-time students must also complete cooperative work experience to fulfill requirements for the bachelor's degree. Cooperative work quarters are not listed in the above schedules.