

**Architectural Engineering Technology  
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
Fund. of Speech Communication	32 COMM 172	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		48

**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
Architectural Design I	32 ARTN 241	3
Construction Estimating	32 ARTN 289	3
Construction Documents and Quality Control	32 CM 272	3
General Psychology	32 PSYC 171	3
Humanities/Social Science		3
Elective		
TOTAL		35

**Third Year**

Architectural History	32 ARTN 183	3
Water Supply and Waste Disposal Systems	32 ARTN 373	4

Architectural Design II	32 ARTN 242	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
Problems in Architecture I	32 ARTN 318	3
Advanced Technical Calculus	32 MATH 381	4
General Education Elective		3
TOTAL		35

### Fourth Year

Probability and Statistics	32 MATH 371	4
Construction Management II	32 CM 402	3
Problems in Architecture II, III	32 ARTN 319, 420	6
Mechanical Systems	32 ARTN 473	4
Structural Systems I & Lab	32 CVTN 401, 411	4
Electrical Systems	32 ARTN 472	3
Managerial Psychology <i>or</i> Psychology of Work Teams	32 PSYC 373 <i>or</i> 32 PSYC 371	3
Technical Writing I	32 ENGL 341	3
Humanities/Social Science Elective		3
TOTAL		33

### Fifth Year

Scheduling	32 CM 511	3
Structural Systems II	32 CVTN 571	3
Leadership/Decision Making	32 CM 505	3
Senior Architectural Project I,II,III	32 ARTN 522, 523, 524	14
Photographics	32 ARTN 561	3
Humanities/Social Science Electives		6
General Education Electives		6
Technical Electives		9
Free Elective		3
TOTAL		50

Technical electives must have prior approval of the department head and should be selected from the following: additional courses from the construction management program, courses in engineering, engineering technology or architecture. Other courses with permission of the 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.