

ARCHITECTURE ENGINEERING TECHNOLOGY TRANSFER TRACK TO CLEMSON UNIVERSITY SCHOOL OF ARCHITECTURE

Program Description

Graduates of the Architectural Engineering Technology associate degree will be prepared with the technical skills necessary to enter careers with construction industry vendors, sub-contractors, design-build contractors, and architectural and engineering firms. Graduates will have gained knowledge in the building of residential and commercial facilities and will be equipped with the ability to create basic construction documents. Students will be prepared for CAD drafting and limited code analysis in an office environment.

Entrance Requirements

Acceptable placement test score(s)

Type of Program

Day or evening

Requirements for Completion

- The students' cumulative grade point ratio must be 2.8 or higher. A grade of "C" or better is necessary for all courses applied toward a bachelor's degree.
- The student must achieve the minimum score on the South Carolina Education Entrance Examination and forward the scores to Clemson University.
- Each student at Greenville Tech who intends to follow this program must sign the "Student Transfer Agreement" document before completing 30 credit hours at Greenville Tech.

Employment Opportunities

Architectural and engineering firms, construction companies, retail and wholesale suppliers of building materials.

Transfer options

Graduates may also continue their education at four-year institutions offering Bachelor of Engineering Technology programs. Students interested in transferring should take University Transfer courses and meet with their advisor for assistance.

Visit our web page at <https://www.gvltec.edu/aet/>.

Recommended Program Schedule

Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule.

Note, however, that many variables can affect this plan, and not every course is offered every semester. Please see your advisor to map out your own personalized progression toward graduation.

The course schedule listed is designed for students who begin the program with ENG 101 English Composition I* and MAT 110 College Algebra* based on the placement test.

Note: Please contact your advisor for recommended evening schedules. Contact The Director of Undergraduate for the Architectural program at Clemson, to discuss further substitutions/transfers.

Course	Title	Hours
First Semester		
AET 110	Architectural Graphics I (Clemson Univ. ARCH 101)	3
ARV 121	Design (Clemson Univ. ART 1510)	3
CET 120	Construction Materials (Clemson Univ. CSM 203)	3
Select one of the following:		3
EGR 130	Engineering Technology Applications and Programming (preferred)	
CPT 170	Microcomputer Applications (Clemson Univ. CPSC 120)	
ENG 101	English Composition I* (Clemson Univ. ENGL 101)	3
MAT 111	College Trigonometry* (Clemson Univ. MATH 1030)	3
Total Semester Hours		18
Second Semester		
ARV 122	3-Dimensional Design I (Clemson Univ. ART 1520)	3
AET 127	Building Information Modeling (No transfer credit)	3
AET 111	Architectural Computer Graphics I (Clemson Univ. ENGR 2100 + ENGR 2999)	3
ENG 102	English Composition II* (Clemson Univ. ENGL 103)	3
MAT 140	Analytical Geometry and Calculus I* (Clemson Univ. MTHSC 106)	4
PHY 201	Physics I* (Clemson Univ. PHYS 207/PHYS 209)	4
Total Semester Hours		20
Third Semester		
AET 101	Building Systems I	3
AET 103	International Building and Residential Codes	3
AET 105	Construction Documents (Clemson Univ. CSM 204)	3
ART 101	Art History and Appreciation* (Clemson Univ. AAH 210)	3
Language Elective		3-4
Total Semester Hours		15-16
Total Required Credit Hours		53-54

Submit Transfer Application to Clemson School of Architecture (Complete 30 semester hours including ENG 102 English Composition II*, MAT 140 Analytical Geometry and Calculus I* and PHY 201 Physics I*)

Other possible transfer courses that will complete your AET degree:

Course	Title	Hours
Fourth Semester		
If continuing AET degree		
AET 122	Basic Design Theory	3
AET 221	Architectural Computer Graphics II (No transfer credit)	4
EGR 194	Statics and Strength of Materials (Clemson Univ. CSM 201)	4
SPC 205	Public Speaking* (Clemson Univ. COMM 250)	3
Language Elective		3-4
Total Semester Hours		17-18
Fifth Semester		
If continuing AET degree		
AET 231	Architectural Computer Graphics III (Elective)	4
AET 225	Architectural Design Senior Project	4
CET 220	Concrete and Steel Design (Clemson Univ. CSM 202)	3
Math/Science elective		3-4
Social Science elective (SOC 101 preferred)		3
Total Semester Hours		17-18
Sixth Semester		
If continuing AET degree		
AET 150	Preliminary Project Estimating (No transfer credit)	2
CET 103	Construction Surveying (Clemson Univ. AGM 221)	2
CET 115	Mechanical & Electrical Systems (Elective)	2
Language Elective		3-4
Total Semester Hours		9-10
Seventh Semester		
Enroll at Clemson School of Architecture as a sophomore		
Total Semester Hours		0
Total Required Credit Hours		43-46

Note: See General Education course listing in this catalog for courses marked that are acceptable to transfer as Humanities or Social Science electives to Clemson. Note that engineering majors at Clemson require at least one of the five Humanities/SS electives to be a literature course; one Humanities course that meets Cultural Awareness understanding; and one Social Science course that meets Science & Technology in Society awareness. Since requirements can change at other institutions at any time, it is well-advised for students to get in touch with the department head of the program you wish to transfer into to ensure you are meeting the correct requirements for entrance into that program.