



Program- Architectural Technology (CIP Code- 1513037019)

Credential – (AAS)

Program Coordinator: Jeff Durham

E-mail: jeff.durham@kctcs.edu

Phone: 859-246-6541

Program Website: <https://bluegrass.kctcs.edu/education-training/program-finder/architectural-technology.aspx>

Student Name:

Student ID:

Students need to be at KCTCS placement levels for all courses

First Semester	Credits	Term	Grade	Prereqs/Notes
ACH 100 Construction Documents 1	3			
ACH 110 Survey of the Architectural Profession	1			
ACH 120 Theory and History of Architecture 1	3			In-Person-Fall only, Online-both semesters
ACH 160 Building Materials and Construction 1	3			Fall course only
ACH 195 Computer-Aided Drafting 1	3			
ENG 101 Writing 1	3			General Education requirement
Total Semester Credit Hours	16			

Second Semester	Credits	Term	Grade	Prereqs/Notes
ACH 150 Construction Documents 2	3			(Prereq: ACH 100)
ACH 161 Building Materials and Construction 2	3			Spring course only
ACH 170 Theory and History of Architecture 2	3			Spring course only
ACH 175 Introduction to Systems	3			
MAT 116 Technical Math	3			MAT 126, MA 111, MAT 150 also acceptable
Digital Literacy	0-3			
Total Semester Credit Hours	15-18			

Third Semester	Credits	Term	Grade	Prereqs/Notes
ACH 200 Construction Documents 3	3			(Prereq: ACH 150 and ACH 195)
ACH 225 Structures	3			Fall course only (Prereq: Math requirement)
Technical Elective	5			See list on next page
Heritage/Humanities	3			General Education requirement
Natural Sciences	3			General Education requirement
Total Semester Credit Hours	17			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
ACH 250 Construction Documents 4	3			(Prereq: ACH 200)
ACH 260 Office Practice	3			(Prereq: ACH 200 and ACH 110)
ACH 275 Mechanical and Electrical Systems	3			Spring course only (Prereq: ACH 175)
Technical Elective	5			See list on next page
Social and Behavioral Sciences	3			General Education requirement
Total Semester Credit Hours	17			
Total Credential Hours	65-68			

Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College

Advisor Name:

Advisor Signature: _____

Student Name:

Student Signature: _____

Special Instructions:

For students planning to transfer to a 4-year institution with a major in Architecture, Landscape Architecture or Construction Management, refer to the BCTC webpage under Academics/Program of Study/ and select the appropriate major/transfer focus area. This webpage contains links to the articulation agreements with various colleges offering the majors listed above. The student should check with a program advisor to help select the appropriate general education classes and technical electives that would transfer to those specific institutions degrees.

We currently have articulation agreements with Eastern Kentucky University, Northern Kentucky University, Southern Illinois University, Savannah College of Art and Design, and are working to complete an agreement with the University of Kentucky, College of Design. It is recommended that a student planning to transfer to one of these schools, complete the A.A.S. degree in Architectural Technology to receive the full benefits specified in the transfer articulation agreements.

Approved Technical Electives (Total of 10 hours required)

ACH 180 Selected Topics in Architectural Technology	1-3 hrs	Consent of Instructor required
ACH 194 Visual Composition	3 hrs	Spring course only
ACH 198 Practicum	1-3 hrs	(12 hrs in program, marketable skills, GPA 2.0 min)
ACH 280 Revit/Building Information Modeling	2 hrs	Spring course only (Prereq: ACH 195)
ACH 290 Building Codes 1	3 hrs	(Prereq: ACH 150 and ACH 160)
ACH 291 Construction Management	3 hrs	Spring course only (Prereq: ACH 150, ACH 160 and ACH 161)
ACH 292 Building Codes 2	3 hrs	(Prereq: ACH 290)
ACH 293 Presentation Techniques	3 hrs	Fall course only (Prereq: ACH 100)
ACH 294 Specification Writing	3 hrs	Fall course only (Prereq: ACH 150, ACH 160 and ACH 161)
ACH 297 Estimating Techniques	3 hrs	Fall course only (Prereq: ACH 150 and math requirement)
ACH 298 Computer 3D Modeling	3 hrs	Fall course only (Prereq: ACH 150 and ACH 195)
COE 199 Cooperative Education: Architectural Tech.	1-3 hrs	(12 hrs in program, marketable skills, GPA 2.0 min.)

Course Rotation Schedule (if applicable)

Fall Only	ACH 120 (online both summer and fall), ACH 160, and ACH 225.
Spring Only	ACH 161, ACH 170, and ACH 275.