



South Central College
Program Design

CERT 3554 Architectural Technology

Program Information

Instructional Level Certificate

Career Cluster Engineering, Manufacturing & Technology

Description

This certificate is an introduction to the Architecture, Engineering, and Construction industry. A stackable credential towards the AAS of Architectural Drafting and Design, this program covers the basics of the AEC industry software fundamentals, application practice of software, and construction principles.

Program Student Learning Outcomes

- 1 Demonstrate familiarity with the industry software.
- 2 Identify construction concepts and resources.
- 3 Establish knowledge of the Design and Construction Industry.

Program Configurations

FALL START 23-24

Credits

Technical Course 17

Total Credits 17

Semester 1

Course #	Course Title	Credits	Function
ARCH 1101	Studio 1	4	Technical Course
ARCH 1100	Introduction to Architectural Drafting and Design	1	Technical Course
ARCH 1102	AutoCAD Architecture	2	Technical Course
ARCH 1103	Materials & Methods 1	2	Technical Course

Semester 2

Course #	Course Title	Credits	Function
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ARCH 1201	Studio 2	4	Technical Course
ARCH 1202	Revit 1 Fundamentals	2	Technical Course
ARCH 1203	Materials & Methods 2	2	Technical Course

Program Course List

Number	Title	Credits	Pre/Corequisites
ARCH 1100	Introduction to Architectural Drafting and Design	1	None
ARCH 1101	Studio 1	4	None
ARCH 1102	AutoCAD Architecture	2	None
ARCH 1103	Materials & Methods 1	2	None
ARCH 1201	Studio 2	4	ARCH 1101 Studio 1 ARCH 1202 Revit 1 Fundamentals ARCH 1203 Materials & Methods 2
ARCH 1202	Revit 1 Fundamentals	2	ARCH 1101 Studio 1 ARCH 1201 Studio 2
ARCH 1203	Materials & Methods 2	2	ARCH 1103 Materials & Methods 1 ARCH 1201 Studio 2