

# ARCHITECTURAL TECHNOLOGY, A.A.S.

## Entry Time

Fall

## Award

Associate of Applied Science degree  
2 years (5 terms including summer)

Architectural Technology prepares graduates to become architectural CAD technicians. The program includes manual drafting as well as in depth instruction in CAD, computer applications (word processing, desktop publishing, multimedia), essential group skills (teamwork, project development and problem solving) and liberal arts studies. Practical experience is enhanced through a paid architectural/construction related internship or an unpaid architectural mentoring program.

## Career Opportunities

- CAD technicians for architectural, civil, mechanical, electrical and/or structural services; estimators; designers
- drafters for building material suppliers
- remodelers
- kitchen designers
- residential designers

## Degree Requirements

Term 1		
Fall		Credit Hours
WBL-148	WBL Industrial Technology	2
WBL-110	Employability Skills	1
CON-101	Architectural Plans and Specs	3
CON-331	Construction Materials Science	3
CON-410	Architectural Modeling	3
Math Course <sup>1</sup>		3
<b>Term Totals:</b>		<b>15</b>
Term 2		
Spring		
CON-313	Structures and Mechanical/Electrical/Plumbing Systems	3
CAD-201	Intro to BIM	3
CON-190	Construction Lab	3
CON-322	Estimating for Construction and Architecture	3
Communications Course <sup>1</sup>		3
<b>Term Totals:</b>		<b>15</b>

Term 3		
Summer		
CON-932	Internship	2
Communications Course <sup>1</sup>		3
Humanities or History/Culture Course ( <a href="https://creditcatalog.kirkwood.edu/aas-degree-humanities-requirement/">https://creditcatalog.kirkwood.edu/aas-degree-humanities-requirement/</a> )		3
<b>Term Totals:</b>		<b>8</b>
Term 4		
Fall		
CON-328	Construction Documentation	3
CON-316	Sustainable Construct Science	3
ARC-205	Design Studio-Residential	6
Social Science Course		3
<b>Term Totals:</b>		<b>15</b>
Term 5		
Spring		
CON-257	Pre-Construction Services	3
CON-400	Const Svcs, CloseOut, Comm	3
ARC-207	Design Studio-Commercial	6
<b>Term Totals:</b>		<b>12</b>
<b>Program Totals:</b>		<b>65</b>

<sup>1</sup> Students planning to transfer to a four-year college or university should consider substituting some or all of the following courses:  
Advanced Math class **for** MAT-716 Industrial Math II  
ENG-105 Composition I **and**  
ENG-108 Composition II: Technical Writing **or**  
ENG-106 Composition II **for**  
Communications Electives

## Optional Courses

Code	Title	Credit Hours
ARC-924	Honors Project	1
ARC-928	Independent Study	1-3

## Architectural Technology Tool Requirements

*Students in the Architectural Technology program are required to have safety equipment for lab activities. Instructors will provide students with a list of minimum requirements. Students must purchase the safety equipment on their own.*