



Architecture Technology A.A.S.

Curriculum Code: 1455

Effective: Fall 2020 – Summer 2025

Description

The Architecture Technology degree is designed to prepare students to work in entry-level positions assisting in architecture or allied disciplines such as engineering, interior design, real estate development, and construction. The curriculum provides graduates with a broad foundation of technical abilities with an emphasis on job entry skill development, computer aided design, design creativity and awareness, and problem solving. Not all courses in this program transfer to all colleges. Students planning to transfer should see an academic advisor before enrolling in any course.

Contact Information

Contact the Architecture Technology Program at the West Campus Building, Room M103, telephone number 517-483-5338 or Student Services West Campus, West Campus Building, Room M106, telephone number 517-267-5452.

General Education Applied Degree, Recommended Choices

(For the full list of options, see [General Education](#))

- English Composition – *Select one*
Program of Study Required Courses will meet this requirement.
- English Composition (Second Course)/Communications or Applied Communications – *Select one*
ARTS 102, Design & Communication, 3 credits / 4 billing hours
- Humanities and Fine Arts or Social Sciences or Applied Social Sciences – *Select one*
HUMS 160, Mythology, 4 credits / 4 billing hours
HUMS 211, Art History to the Renaissance, 4 credits / 4 billing hours
HUMS 212, Art Hist from the Renaissance, 4 credits / 4 billing hours
- Mathematics or Applied Mathematics – *Select one*
MATH 122, Precalculus II, 4 credits / 4 billing hours
- Natural Sciences Lab or Applied Science and Technology Lab – *Select one*
PHYS 221, Introductory Physics I, 4 credits / 6 billing hours

Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
ARCH 105	Architecture Appreciation	2 / 2
ARCH 107	Sustainable Site Design	3 / 4
ARCH 110	Visual Communications I	3 / 4
ARCH 113	Materials & Methods of Constr.	4 / 6
ARCH 114	Architectural Drawing/CAD I	4 / 6

Course Code	Course Title	Credit / Billing Hours
ARCH 126	Architecture Model Building	3 / 4
ARCH 141	History of Architecture I	3 / 3
ARCH 142	History of Architecture II	3 / 3
ARCH 233	Revit Architecture BIM I	4 / 6
CIVL 241	Statics/Strength of Materials	4 / 5
DCTM 102	Industrial/Construction Safety	2 / 3
DCTM 103	Codes and Specifications	3 / 3
ENGL 127	Business Writing	3 / 3
MATH 151	Calculus I	4 / 4

Program of Study Required Courses, Limited Choice – *Select one*

Course Code	Course Title	Credit / Billing Hours
ARCH 111	Arch Design Fundamentals	3 / 4
ARCH 125	Environmental Systems	4 / 4
ARCH 275	Sustainable Building Design	4 / 6
BLDT 120	Structural Framing	4 / 6
DCTM 101	Drafting/Intro to CAD	3 / 4

Total Credit Hours

63-64 credits / 78-80 billing hours

Recommended Course Sequence

Semester I (Fall)	Semester II (Spring)
Gen Ed – English Composition (Second Course)/Communications or Applied Communications ARCH 105 ARCH 110 ARCH 114 Limited Choice	Gen Ed – Mathematics or Applied Mathematics ARCH 107 ARCH 126 DCTM 102

Semester III (Summer)	Semester IV (Fall)
Gen Ed – Humanities and Fine Arts or Social Sciences or Applied Social Sciences ENGL 127	Gen Ed – Natural Sciences Lab or Applied Science and Technology Lab ARCH 113 ARCH 141 ARCH 233

Semester V (Spring)
ARCH 142 CIVL 241 DCTM 103 MATH 151