



Architecture Associate of Applied Science (A.A.S.) 2018–2019

DESCRIPTION:

The Architecture A.A.S. degree program involves manual and CAD drafting, Building Information Modeling, detailing, product selection and specification, design, the study of architectural history, code evaluation, and other skills used daily in the occupation. Students in the program share common courses in materials, structures, blueprint reading, and other programs in the Construction Sciences and Engineering Technology Department. This provides architecture students with a strong foundation of technical skills and a sense of the teamwork required in the construction industry. For more information, see cscs.edu/arch.

ADMISSION REQUIREMENTS:

This is a non-selective, open-admission program. Students can enter the Architecture program in any semester.

ONGOING REQUIREMENTS:

Students must maintain the minimum overall GPA required by the College.

OPPORTUNITIES FOR GRADUATES:

Career:

Architecture graduates assist architects and others in preparing design and working drawings, specifications, as-built drawings, and much more. Many also work for builders and contractors, land developers, remodelers, facility and property managers, and with building product manufacturers and retailers. Historically, the central Ohio market for architecture graduates has been very strong, and improvements in the economy and in construction are being reflected in the architectural field. Typical job titles are architectural technician, architectural drafter, architectural designer, and architectural renderer. The difference in salary, if any, between two-year graduates and four-year graduates is minimal.

Transfer:

A transfer option for our Associate's degree graduates is the Bachelor of Applied Management degree offered at Franklin University. The

additional two years of coursework is divided between Columbus State and Franklin. Approximately one additional year of courses can be completed at Columbus State with the remaining year of courses taken at Franklin University. Once the student has acquired the bachelor's degree, most architectural schools offer a three-to-four-year master's degree program for individuals with a bachelor's degree in some field other than Architecture. Students who complete a master's degree program in Architecture are then eligible to sit for the Architectural Registration Exam in most states.

Most states require the completion of a "professional" degree in Architecture, which is typically a master's degree at most colleges. Individuals who pass the Architectural Registration Exam are then licensed to practice Architecture in that state and can legally call themselves an "Architect." Please note that licensure is not a requirement to work in an architectural firm. In fact, most people employed in an architectural firm are not licensed. Typically, the owner and a handful of upper level managers are the only individuals who are licensed.

DEGREE REQUIREMENTS (ARCHITECTURE A.A.S.):**FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
MATH 1101 Math Construction Sciences / Applied Tech or MATH 1148 College Algebra	AU/SP/SU	3-4	
ARCH 1100 Visual Communications I	AU/SP/SU	1	
ARCH 1120 Architectural CAD I	AU/SP/SU	1	
ARCH 1276 SketchUp	AU/SP/SU	3	
CIVL 1120 Construction Material Science	AU/SP/SU	3	
CMGT 1121 Construction Drawings	AU/SP/SU	3	
COLS 1100 First Year Experience Seminar	AU/SP/SU	1	
Semester Credits		15-16	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
ARCH 1130 Architectural CAD II	AU/SP	3	
ARCH 1232 Building Codes	SP/SU	2	
ARCH 1250 Enclosure Materials	SP/SU	2	
ARCH 1200 Visual Communications II	AU/SP	3	
ENGL 1100 Composition I	AU/SP/SU	3	
ESSH 1101 Intro to Environ Science, Safety, Health	AU/SP/SU	3	
Semester Credits		16	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
ARCH 1274 Revit I	AU/SP/SU	2	
ARCH 2221 Design Studio I	AU/SP	3	
ARCH 2230 MEP Systems	AU/SP	2	
ARCH 2237 Structures	AU/SP	3	
PSY 1100 Psychology or GEOG 2400 Economic and Social Geography	AU/SP/SU	3	
DDG 1100 Intro to Computer Design	AU/SP/SU	3	
ESSH 2282 Sustainable Building Strategies	AU/SP	2	
Semester Credits		18	

FOURTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
ARCH 2266 Construction Documents	AU/SP	3	
ARCH 2270 Professional Practice	AU/SP	3	
ARCH 2275 Revit II	AU/SP/SU	2	
ARCH Technical Elective	AU/SP/SU	1	
ARCH 2100 History of Architecture	AU/SP/SU	3	
CMGT 1153 Residential Construction Management	AU/SU	3	
Semester Credits		15	
Total		64-65	

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester
Requirements subject to change.