

ARCHITECTURAL TECHNOLOGY 2019-2020

ASSOCIATE IN APPLIED SCIENCE - SCOTTSDALE COMMUNITY COLLEGE

ACADEMIC AND CAREER ADVISEMENT CENTER – 480-423-6539 – WWW.SCOTTSDALECC.EDU/ADMISSIONS/ADVISEMENT

Name _____ Advisor _____ Date _____

Program Director: Myron Brower (480) 423-6229 AP-227 myron.brower@scottsdalecc.edu **major code 3708**

| | Dept./ Course | Course Title | Credit Hours | Grade | Comments Previous course: |
|--|---------------|---|--------------|-------|------------------------------|
| Required Courses 27 Credits | ARC141 | Architectural CAD I: Introduction | 3 | | DFT105 |
| | +ARC142 | Architectural CAD II: Plans and Elevations | 3 | | DFT150 |
| | +ARC243 | Architectural CAD III: Site Plans and Sections | 3 | | DFT151 |
| | +ARC244 | Architectural CAD IV: Structural Systems | 3 | | DFT200 |
| | +ARC245 | Architectural CAD V: Mechanical/Electrical Systems | 3 | | DFT201 |
| | ARC250 | Basic Revit | 3 | | |
| | ARC251 | Intermediate Revit | 3 | | |
| | ARC265 | Sketchup I: Introduction to Sketchup | 3 | | |
| | +ARC270 | Architectural Technology Synthesis | 3 | | DFT280 |
| Restricted Electives 12 Credits | | | | | |
| | +ARC+++++ | Any ARC Architecture courses except courses used to satisfy the Required Courses area. | 1-9 | | |
| | +ARC296++ | Cooperative Education (any suffixed courses) | 1-4 | | DFT296++ |
| | ARH100 | Introduction to Art | 3 | | |
| | ART111 | Drawing I | 3 | | |
| | BLT+++++ | Any BLT Building Safety and Construction Technology course | 3 | | |
| | +CAD+++++ | Any CAD Computer-Aided Drafting courses | 1-6 | | |
| | CIS+++++ | Any CIS Computer Information Systems Adobe Photoshop courses | 1-3 | | |
| | CNS+++++ | Any CNS Construction course | 3 | | |
| | +DFT+++++ | Any DFT Drafting Technology courses | 1-6 | | |
| | INT115 | Historical Architecture and Furniture | 3 | | |
| | INT120 | Modern Architecture and Furniture | 3 | | |
| General Education (G.E.) Requirements 21-26 Credits | | Core: 12-17 Credits | | | |
| First-Year Composition | | +Any approved general education courses in First-Year Composition area | 6 | | |
| Oral Communication | | Any approved general education course from the Oral Communication area | 3 | | |
| Critical Reading | +CRE101 | College Critical Reading & Critical Thinking (3) OR equivalent as indicated by assessment | 0-3 | | |
| Mathematics | | +Any approved G. E. course from the Mathematics area | 3-5 | | |
| | | Distribution: 9 Credits | | | |
| Humanities, Arts and Design | | Any approved G.E. course from Humanities, Arts and Design area (ARH100 in Restricted Electives area would satisfy this category; however, an additional 3 credits of Restricted Electives would then have to be taken.) | 2 | | |
| Social-Behavioral Sciences | | Any approved G.E. course from Social-Behavioral Science area | 3 | | |
| Natural Sciences | | Any approved G.E. course from Natural Sciences area | 4 | | |
| | | Total Credits 60-65 | | | |

+Course has a prerequisite **Grade of C or better required in all courses in the AAS in Architectural Technology**

*Not required if student classified "exempt" after taking placement test.

Revised 4-2019

AAS Architectural Technology Degree Progression Plan

The following is a list of semester classes for the smoothest path towards successfully completing the degree. Some changes or restrictions may apply.

| Semester | Course Title | Credit Hours | Comments |
|--------------------------------|---|--------------|---|
| First Semester Courses | | | |
| ENG 101 or ENG107 | First-Year Composition | 3 | |
| MAT112 or Higher | Mathematical Concepts/Applications | 3-5 | Any approved G.E. Mathematics area |
| ARC141 | Architectural CAD I: Introduction | 3 | |
| ARC265 | Sketchup I: Introduction to Sketchup | 3 | |
| Second Semester Courses | | | |
| ARC142 | Architectural CAD II: Plans and Elevations | 3 | |
| ARC250 | Basic Revit | 3 | |
| CRE101 | College Critical Reading & Critical Thinking OR Equivalent as indicated by assessment | 0-3 | |
| Oral Communication | | 3 | COM100, COM110, COM225, or COM230 |
| Restricted Electives | | 3 | See check sheet. Students need a total of 12 credits (ARC266 recommended).. |
| Third Semester Courses | | | |
| ARC243 | Architectural CAD III: Site Plans and Sections | 3 | |
| ARC244 | Architectural CAD IV: Structural Systems | 3 | |
| ENG102 or ENG108 | First-Year Composition | 3 | |
| Restricted Electives | | 3 | See check sheet. Students need a total of 12 credits. |
| Fourth Semester Course | | | |
| ARC245 | Architectural CAD V: Mechanical/Electrical Systems | 3 | |
| ARC251 | Intermediate Revit | 3 | |
| Natural Sciences | | 4 | Any approved G.E. Natural Science course |
| Restricted Electives | | 3 | See check sheet. Students need a total of 12 credits (ARC252 recommended). |
| Fifth Semester Course | | | |
| ARC270 | Architectural Technology Synthesis | 3 | |
| Humanities, Arts and Design | | 2 | Any approved G.E. Humanities, Arts and Design course |
| Social-Behavioral Sciences | | 3 | Any approved G.E. Social-Behavior Science course |
| Restricted Electives | | 3 | See check sheet. Students need a total of 12 credits (ARC246 recommended). |

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Log in to your Student Center at my.maricopa.edu to view your online Degree Progress Report.