



[Catalog 2025- 2026]

## Design Technology (Certificate of Achievement) | Major Code A2577

This sample course map is an example of one way to complete this certificate program. It does not represent a contract or guarantee of course availability, nor does it replace meeting with a [Counselor](#) to discuss your goals and create a custom [Student Education Plan](#) designed to fit your unique needs.

### 1<sup>st</sup> Semester Recommendation:

| Course             | Course Title                                        | Units |
|--------------------|-----------------------------------------------------|-------|
| CAD 220 or CAD 222 | Intro to CAD/CAM Systems or CAD Mechanical Design I | 3     |
| CAD 230            | Introduction to SolidWorks                          | 3     |
| CAD 273            | 3D Modeling Using Maya                              | 3     |
|                    |                                                     |       |
|                    |                                                     |       |

Total semester units: 9 Units

### 2nd Semester Recommendation:

| Course             | Course Title                                        | Units |
|--------------------|-----------------------------------------------------|-------|
| CAD 220 or CAD 222 | Intro to CAD/CAM Systems or CAD Mechanical Design I | 3     |
| CAD 231            | SolidWorks II                                       | 3     |
| CAD 274            | 3D Animation Using Maya                             | 3     |
|                    |                                                     |       |
|                    |                                                     |       |

Total semester units: 9 Units

### 3rd Semester Recommendation:

| Course | Course Title | Units |
|--------|--------------|-------|
|        |              |       |
|        |              |       |
|        |              |       |
|        |              |       |
|        |              |       |

Total semester units: 0 Units

## 4th Semester Recommendation:

| Course | Course Title | Units |
|--------|--------------|-------|
|        |              |       |
|        |              |       |
|        |              |       |
|        |              |       |
|        |              |       |

Total semester units: 0 Units

Total Program Units: 18 Units

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### Disclaimers:

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- This program map is designed with Fall as a first semester; however, this is not required. [Schedule a Counseling appointment](#) to develop a comprehensive student education to achieve your goal.
- **Catalog Rights:** *[Excerpt from 2025-2026 Southwestern College Catalog]*  
A student's catalog rights are established at the time of entrance and completion of a course at Southwestern College.
- **Continuous Enrollment:** *[Excerpt from 2025-2026 Southwestern College Catalog]*  
Continuous enrollment is defined as completion of a course during at least one semester or two quarters in a calendar year, including summer session. Completing a course is defined as receiving a grade of A, B, C, D, F, I, Pass (P), or No Pass (NP). Receiving a grade of "W", "EW" or "MW" will not satisfy the requirements for completing a course. The grade of "EW" or "MW" does not disqualify a student from continuous enrollment.

**USE: Certificates of Proficiency, Certificate of Achievement**