#### 1

# ASSOCIATE OF SCIENCE IN DRAFTING TECHNOLOGY (AS)

This degree prepares students for entry-level employment in the field of Drafting Technology through the study of drafting technology, architecture, computers, & graphic design. Students will acquire skills in CAD, visual communication, computer concepts, graphic design, & construction technology.

#### **Program Outcomes**

- Create and analyze documents related to computer-assisted and tactile drafting/design.
- Create and distinguish tactile 2D and 3D visual communication drawings.
- Manage and explain computer operating systems and the World Wide Web.
- Create and distinguish graphic design projects, i.e. illustrations and web page design and development.
- Create and analyze documents related to construction technology, i.e., construction materials and methods, detailing, and construction documents.

## **Career Opportunities**

Upon successful completion of this degree, students will be prepared for careers or employment in the following fields: manufacturing or industrial mechanical draftsperson/CAD technician.

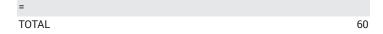
#### **Note**

This degree is not designed for transfer; however, the courses included in this degree may be transferable and apply to other degrees designed for transfer

### **Program Requirements**

Code	Title	Units
GENERAL EDUCA	ATION AND SUBJECT REQUIREMENTS	25
College of the (COS-GE) *	Sequoias' Associate Degree General Education	
+		
REQUIRED MAJOR COURSES		35
ARCH 020	Visual Communication 1 *	3
ARCH 160	Construction Materials/Methods	4
ARCH 161	Architectural Detailing	3
ARCH 163	Construction Documents	3
DRFT 016	CAD Applications	4
DRFT 112	Mechanical Drafting 1	3
DRFT 113	Mechanical Drafting 2	3
DRFT 114	Introduction to CAD	4
DRFT 115	Advanced CAD	4
GD 100	Introduction to Graphic Design	4
+		
ELECTIVES		3

Select additional degree applicable courses numbered 1-299 to achieve 60 units.



 Courses meet General Education requirements and 3 units may double count above in COS-GE.

The Associate Degree requirements include completion of the:

- Required major courses and restricted elective courses with a "C" or better grade in each course (required and restricted elective courses may be substituted with the approval of the Division Chair),
- 2. General Education requirements,
- 3. Subject requirements including PE, Health & Wellness, and American Institutions, and
- 4. A minimum of 60 units of degree applicable courses numbered 1-299, at least 12 of which must be taken in residence at College of the Sequoias, with a "C" (2.0) average (see Associate Degree Requirements (https://catalog.cos.edu/associate-degreerequirements/) for additional details).