

# COMPUTER AIDED DRAFTING AND DESIGN TECHNOLOGY, OCCUPATIONAL SKILLS AWARDS

## Plan of Study GIS, Occupational Skills Award

Code	Title	Hours
<b>Required Courses</b>		
GISC 1311	Introduction to Geographic Information Systems (GIS)	3
GISC 2320	Intermediate Geographic Information Systems (GIS)	3
SRVY 2348	Plane Surveying	3
<b>Total Hours</b>		<b>9</b>

## Architectural Drafting, Occupational Skills Award

Code	Title	Hours
<b>Required Courses</b>		
DFTG 1309	Basic Computer Aided Drafting	3
DFTG 1317	Architectural Drafting-Residential	3
DFTG 2328	Architectural Drafting-Commercial	3
<b>Total Hours</b>		<b>9</b>

## Computer Aided Drafting & Drafting, Occupational Skills Award

Code	Title	Hours
<b>Required Courses</b>		
DFTG 1305	Introduction to Technical Drawing	3
DFTG 1309	Basic Computer Aided Drafting	3
DFTG 1330	Civil Drafting I	3
DFTG 1310	Specialized Basic Computer Aided Drafting (CAD)	3
<b>Total Hours</b>		<b>12</b>

## 3D Modeling, Occupational Skills Award

Code	Title	Hours
<b>Required Courses</b>		
DFTG 1309	Basic Computer Aided Drafting	3
DFTG 2340	Solid Modeling/Design	3
DFTG 2332	Advanced Computer-Aided Drafting CAPSTONE	3
<b>Total Hours</b>		<b>9</b>

## Drones - sUAS - in Geographic Information Systems

Code	Title	Hours
<b>Required Courses</b>		
GISC 1311	Introduction to Geographic Information Systems (GIS)	3
GISC 1491	Special Topics: Drones (sUAS) Fundamentals	4
GISC 2320	Intermediate Geographic Information Systems (GIS)	3
<b>Total Hours</b>		<b>10</b>

**Note:** All Computer Aided Drafting and Design courses require a grade of "C" or better.