

## Level 2 - Interior Design Assistant - Associate in Science Degree

### Program Outcome

The outcome of the Associate in Science Degree level is to prepare students for entry-level employment as an interior design assistant to a professional interior designer. In addition, the outcome of this level is for students to progress to Level 3 – Interior Design Professional Level and/or for transfer.

#### Third Semester

Level I Certificate			(27)
BIM 1 for Architecture	ARCH	A155	(2)
Space Planning	ID	A170	(3)
Interior Illustration	ID	A200	(3)
Fundamentals of Lighting	ID	A210	(3)
Business & Professional Practice	ID	A230	(3)

#### Fourth Semester

BIM 2 for Architecture	ARCH	A156	(2)
Interior Design Studio 2	ID	A215	(3)
Interior Design Const Documents	ID	A220	(3)
Interior Design Internship	ID	A240	(4)

**Subtotal:** (53)

## Level 3 - Interior Design - Professional Level

### Program Outcome

The outcome of this Interior Design certificate of achievement is to prepare students for entry-level employment as a professional interior designer and for industry certifications.

#### Certificate of Achievement\*

#### Fifth Semester

Level I & II Certificate			(53)
Small Business Ownership	BUS	A240	(3)
Codes and Building Systems	ID	A250	(3)
Digital Visualization	ID	A260	(3)
Interior Design Studio 3	ID	A265	(3)

#### Sixth Semester

Interior Design Studio 4	ID	A275	(3)
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**Subtotal:** (15)

**Total:** (68)

#### Suggested electives:

Color & Design 2-D	ART	A110	(3)
Color & Design 3-D	ART	A111	(3)
Freehand Drawing	ART	A120	(3)
Perspective	ART	A125	(3)
Exhibition Design (Gallery)	ART	A145	(3)

## LEADERSHIP STUDIES

The goal of this program is to enhance individual and organizational effectiveness. Students will develop personal leadership skills, study ethical dimensions of leadership, understand how leadership affects people, organizations, and society, and articulate and apply their own philosophy of leadership in their careers and lives.

### Program Outcomes

- Upon successful completion of the certificate of specialization graduates will be able to:
- Function effectively in a leadership role using the skills, principles, and tools they have acquired.
  - Apply the leadership principles they have learned in their personal and/or organizational lives.
  - Distinguish between the qualities of effective and ineffective leaders.

### CERTIFICATE OF SPECIALIZATION

#### Required Courses

Course			Units
Personal Leadership	LEAD	A180	3
Organizational Leadership	LEAD	A200	3
Interpersonal Communication	SPCM	A100	3

**Total:** (9)

## MANUFACTURING TECHNOLOGY

OCC's Manufacturing Technology program is designed to train students for entry-level positions as machine operators. Additionally, both beginning students and working machinists can build on their skill and knowledge by completing the requirements for one of the advanced certificates.

The Manufacturing Technology program is divided into four areas: Machinist, Computer Numerical Control (CNC) Operator, CNC Programmer, and Tool Maker. All four programs follow sequential plans which spin off from the core machinist program. After completing the machinist program in two semesters, the student can take the classes required for one of the more advanced certificates. The student who completes the machinist program also satisfies the major requirements for the Associate in Science degree.

### Program Outcomes

- Upon successful completion of the Manufacturing Technology Program students will be able to:
- Machine precision manufactured parts using conventional lathes and milling machines and perform necessary measurements.
  - Set-up and operate CNC Lathes and Milling Machines.
  - Write part machine programs for controlling CNC lathes and milling machines.
  - Manufacture precision tooling for Dies, Molds, and Prototype tooling.
  - Write advanced CAD/CAM programs for CNC LATHE and Milling Machines.