

# Alexandria Technical and Community College

## COAR 2512: Design Technology III

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: 0

Prerequisites:

This course requires the following prerequisite

COAR 1512 - Design Technology I (Number of Years Valid: 5)

Corequisites: None

MnTC Goals: None

In this course, learners establish a working familiarity with industry-standard vector graphics software. Through execution of exercises and assignments, learners develop technical drawing skills with new tools and techniques as well as enhance design abilities.

**B. COURSE EFFECTIVE DATES:** 03/01/2018 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Prepare for and set up multiple artboard documents.
2. Draw using basic shape tools.
3. Draw lines and curves using drawing tools.
4. Discuss corner, curve, and connector points and work with point handles.
5. Create custom patterns and brushes
6. Create clipping masks and compound paths.
7. Draw lines and curves using the mesh tool.
8. Create 3D objects with extrude and revolve tools.
9. Explore color, effects, pathfinder, and expansion palettes.

### D. LEARNING OUTCOMES (General)

1. Learners will develop digital illustration skills through familiarity with software and technology.
2. Learners will manipulate type using a variety of techniques.
3. Learners will be able to independently create a final project in full color that demonstrates proficiency in the software.

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted