

# RANKEN

TECHNICAL COLLEGE

## COURSE INFORMATION

Course Number: ART 1113

Course Name: Architectural Graphics and Intro to AutoCAD

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## CREDIT-BY-ASSESSMENT (CBA) COMPETENCY LIST

### BASIC GRAPHICS

- Employ basic methods of line weights.
- Draw and sketch with balanced composition along with space and form.
- Apply dimensioning to two dimensional drawings.
- Construct sectional drawings.
- Develop axonometric drawings (isometric, dimetric, and trimetric).
- Construct one-point and two-point perspectives.
- Construct shade and shadows for two-dimensional and three-dimensional objects.
- Identify the role of the architect.
- Develop basic construction documents through floor plans and elevations.

### BASIC COMPUTING

- Organize and identify file structure, drives and network drives, and file extensions.
- Create folders/subfolders and be able to copy and move them.
- Name and rename folders and files.
- Create desktop shortcuts.
- Save and copy files.
- Utilize file and folder search and be able to retrieve files.

### AUTOCAD

- Use AutoCAD screen layout, terminology, and tool bars.
- Set proper units, drawing limits, and scale factor.
- Utilize drawing tools and modifier tools.
- Modify properties.
- Create and manage layers and dimension style.