# **CREDIT FOR PRIOR LEARNING EXAMINATION**

#### EGT 212 - COMPUTER-AIDED DRAFTING AND DESIGN

## **Course Description**

EGT 212 - Computer-Aided Drafting and Design (3 credits)

Fundamentals of computeraided drafting; production of technical drawings using CAD software; working drawings; standard machine elements; tolerance dimensioning.

## Study Resources

Plantenberg, Kirstie. Engineering Graphics Essentials with AutoCAD 2026 Instruction,

#### **Exam Details**

Exam consists of two parts. First part knowledge, second part using AutoCAD.

You will be asked to extract your knowledge of engineering drafting principles, standards and your knowledge of using AutoCAD to draw orthographic, sectional, auxiliary, isometric drawings. You will be also asked about dimensioning, tolerancing, geometrical tolerancing, thread notes and assembly drawings.

