Date:
1/1/2023

Min. Time
Commitment:
23 Hours

Expiry Date:
31/12/2025

Module Code:
EI160

AUTODESK AUTOCAD

ENGINEERING GRAPHICS

Breda O'Brien
AutoDesk AutoCAD - Engineering Graphics
Secondary description example

Students develop an understanding of the principles behind drafting engineering drawings and its application in practice. Students are introduced to the methodological and technical aspects of engineering graphics. This module will provide opportunity to develop hands-on skills and experience in generating drawings using AutoDesk AutoCAD. Students are presented with an assignment brief, which provides instruction on the drawings, level of detail required, and a deadline for submission.

To earn this badge the student must:

- Apply basic engineering drawing concepts including multiview drawings, projections, section views, dimensioning, viewports, layers, layouts, and scales.
- Apply critical thinking to develop drawings based on the assignment briefs.
- Produce engineering drawings of a professional standard using AutoCAD that communicate the necessary information in an accurate manner.
- Complete a complex assignment practicing all developed skills and achieve 70% or higher.
- Achieve a final grade of 1st class honours in the module.

—— *Skills* ——

Communication | Critical Thinking | Digital Skills | Self-Awareness | Teamwork

Ciarán Ó hOgartaigh
President,
University of Galway