Engineering Science — AutoCAD-Drafting

First Semester			Credits
CIS	101	Computer Concepts and Applications *or*	
CIS	107	Information Technology Fundamentals and Applications	3
ES	105	Engineering Graphics	2
ET	101	Fundamental of AutoCAD	3

Second Semester		Credits
ES 101	Introduction to Engineering	1
ET 201	Advanced AutoCAD	3
EN 103	Technical Writing	1

Total Credits	13

Certificate of Achievement

Prepares students for engineering, architecture, design, construction and manufacturing, or for any profession that requires drafting using AutoCAD. Ideal for those who need to retrain for their jobs, or upgrade their skills to find employment.

Graduates should be able to:

- Generate 2D drawing and demonstrate an understanding of the editing procedures, using lines, arcs, and circles with multiple layers, line types, and colors.
- Add text and dimensions to drawings along with blocks, polylines and other complex 2D entities.
- Generate 3D objects, including wireframe, surface, and solid modeling.