

MDT 295: Computerized Structure Analysis

This course covers the use and application of Solid Works computer-aided drafting / design software application of COSMOS software to perform analysis of structures in regard to force load and/or heat transfer. The course covers the commands, concepts, and applications of the software that to develop 3-D analysis of structures. The student will be able to use the analysis software with competency to develop accurate technical analysis of design parameters.

hours: 3

Lab Hours: 2

Theory Hours: 2

Prerequisites:

MDT 146, MDT 202

Program: Mechanical Design Technology