

EDSGN 100

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CAD Lab

EDSGN 100 focuses on SolidWorks, a computer-aided drafting program that is used to develop digital models of different objects. The course taught how to create sketches, which could be extruded, lofted, revolved, or spun around an axis to create solid three dimensional models. These models can be merged using the assembly function, creating many different objects. The parts are assembled through using mates, where one piece is 'attached' to another at a specific point. After the assembly is made, the assembly can be easily shifted into a multi-view drawing online, where different views can be easily seen. Here are some examples of CAD projects (via lecture PowerPoint assignments):

