

Engineering Design and Development

In the image below you will see engineers, in the capstone course Engineering Design and Development, in front of their design. These seniors have worked through the many iterative steps of the design process to create a 3D model on the computer (CAD) of their design and to print a testable prototype with our 3D printers. The next steps are testing and evaluation of the design.

These kinds of projects are used in an effort to evaluate whether the students are grasping the concepts and are ready to use them in real life. It allows them to put what they learn into action and work together as a team to come up with solutions and new ideas for their project. Students also have the opportunity to get a feel of what engineering is all about and for many after being exposed to these types of activities they find their future career.

