

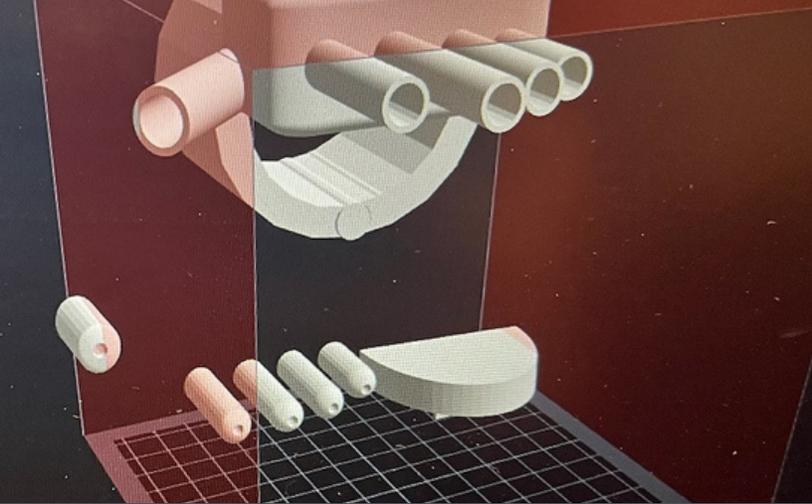


# Bio-Medical Technologies

## PROJECT SUMMARY

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In this project, students explore the engineering design process through the lens of medical fabricators. They have multiple opportunities to design prostheses in a variety of different ways to meet the needs of a client.



## CREDITS OFFERED

Anatomy, IMP III, Engineering Design Elective

## DRIVING QUESTION

How can I use the engineering design process to create a client-driven product?



## INDUSTRY PARTNERS



## WHAT STUDENTS CREATED

Students developed tinkercad designs of 3-D prosthetics. They also 3-D printed prosthetics and assembled them. They created a product defining and showing how they applied the engineering design process to create their design.

## CULMINATING EXPERIENCE AND/OR EXHIBITION DESCRIPTION

Students gave public presentations on the engineering design process behind their final prosthetic. All students designed at least two versions of a prosthetic hand.