

Medical Device Development Bootcamp

MDD

The Medical Device Development Bootcamp is an experiential learning opportunity for students interested in learning the process of designing and manufacturing medical devices. It is offered in two formats; a two-week online program leading to a certificate in medical device design, and a five-week in-person program leading to a certificate in medical device prototype development.

Participants will learn how to assess user needs and generate ideas for devices that meet those needs. Additional workshops will cover topics such as risk management, manufacturing and quality, and regulatory affairs. During the programs, visitors from the industry will share their experiences. Participants will work in teams with faculty advisors to translate those ideas into designs.

2022 Dates

- Bootcamp #1 (online).....**June 20-July 1**
- Bootcamp #2 (in-person).....**June 20-July 22**

What You Will Learn

- Identify user needs for medical devices through primary and secondary research.
- Combine product needs with fundamental science and engineering to develop a prototype medical device for the benefit of society.
- Understand and apply best practices in manufacturing, assembly, quality, and operations for commercialization of medical devices.
- Contribute productively on an interdisciplinary team tackling complex design and engineering problems.

Cost: \$20 application fee





Who Should Apply

Sophomore, junior, and senior undergraduate students interested in medical device development currently enrolled in a STEM program.

How to Apply

Apply online at kgi.edu/summer

Application Deadline: June 1

Application Requirements

An online application form is required that contains questions about your personal and educational background. Additional requirements can be submitted along with your online application:

- Personal statement
- Resume
- Letter of recommendation
- Transcripts

Application Review

We will review applications on a rolling basis. We take a holistic look at each applicant, and place great importance on letters of recommendation and your personal statement. We will strive to notify you about the status of your application as soon as possible.

Contact Us

535 Watson Drive

Claremont, CA 91711

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Email: admissions@kgi.edu | **Website:** kgi.edu