

# FREE ENGINEERING COURSE

## FOR CARMEL CATHOLIC HIGH SCHOOL CREDIT

Through Carmel Catholic High School's educational relationship with various Catholic grade schools in Lake County, we are offering a FREE Intro to Engineering course in which incoming 7-8th grade students at our partner Catholic schools can receive Carmel Catholic High School credit for completing the course. The course will be taught by Mr. John Titterton, the Engineering Department Chair and Mechanical Engineer.

Students will learn how to model, improve, and develop products, both in and out of the classroom, through design challenges and a distinct problem-solving model. Students will learn to sketch solutions by hand and to illustrate solutions using sophisticated three-dimensional modeling software. Emphasis in class is placed on documenting the design process when analyzing and considering solutions. Students will also learn how best to communicate and present ideas to others.

The course will run through the 2019-20 fall and spring semesters with students having the option to choose between the following sessions:

- Saturdays, starting August 10
- Mondays, starting August 12
- Wednesdays, starting August 14

Class will continue weekly until approximately June 6, 2020 with breaks for holidays and school closures

An informational meeting will be held on Monday, April 29 at 5:30 pm in room 506, enter through Entrance H. Please join us if you are interested in finding out more about the course.

Students must apply to be admitted to the course. Admission is based on a teacher recommendation and a short essay submitted by the student.

Visit [carmelhs.org/introengineering](http://carmelhs.org/introengineering) to apply starting on Friday, April 5.  
Deadline to apply is Monday, June 17.

**CARMEL CATHOLIC HIGH SCHOOL**

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[www.carmelhs.org](http://www.carmelhs.org)