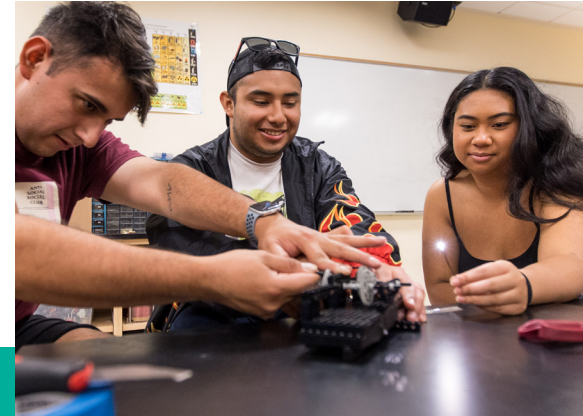


Engineering



Westmont Engineering has built its distinctive program on three pillars:

- » Excellence in technical training with small classes, hands-on learning, and professors engaged with students.
- » Integration of engineering design and innovation throughout the curriculum.
- » A solid Christian liberal arts foundation.

Distinctives of our Engineering program:

- » Only one of three California schools in the Council of Christian Colleges and Universities (CCCU) with an engineering program accredited by the Accreditation Board for Engineering and Technology (ABET).
- » 94% job placement rate with employers such as Northrop, Lockheed, Raytheon, Dept. of Energy, US Army and others.

Students earn a degree in engineering, which provides many possibilities for specialization, jobs and graduate school. We combine a Christian liberal arts core with a solid math and science foundation and in-depth content in critical technical areas. Christian professors with engineering expertise teach classes that average about 10 students. Our program promotes learning by doing and hands-on, design-oriented experiences that bring technical content to life.

SELECTED COURSES

- Engineering and the Liberal Arts
- Thermodynamics
- Materials Engineering
- Machine Design
- Engineering Seminar II: Faith, Technology, and Christian Responsibility
- 2 Engineering electives
- Junior & senior design courses

CAREER PATHS

- Design
- Energy
- Sustainability
- Environmental resources
- Robotics
- Automation
- Vehicle design
- Aeronautics
- Space
- Manufacturing
- Biomechanics



WESTMONT
SANTA BARBARA

FACULTY HIGHLIGHTS



WILL ALLISON, M.S.

A mechanical design engineer with extensive experience in CAD and prototyping.



ADAM GOODWORTH, PH.D.

Crosses disciplines of engineering, biomechanics, and injury/rehabilitation with his teaching and research.



ETHAN HA, M.E.

Thermodynamics adjunct professor and Westmont Engineering '24 Alum chasing after God's own heart in the study of His creation.



ROBERT HARING-KAYE, PH.D.

Teaches electronics and studies atomic nuclei at the limits of spin and binding using gamma-ray spectroscopy.



DANIEL D. JENSEN, PH.D. DIRECTOR

Trains hundreds of engineering design teams in Design Innovation and has overseen the creation of dozens of patents.

OPPORTUNITIES FOR ENGINEERING STUDENTS



- Ecuador outreach design projects every May for juniors
- Industry-supported design projects for senior majors
- Semester abroad opportunities in numerous locations
- Paid summer research opportunities with department faculty
- Paid summer internships in engineering industry

ALUMNI

Faith Palombi '21, an Engineering Physics major at Westmont, conducted original research in both nuclear physics and astronomy alongside professors Robert Haring-Kaye and Michael Sommermann. Her contributions earned her second authorship on a paper submitted to Physical Review C, a leading journal in nuclear physics. She is now working as a software engineer at General Motors in Austin, Texas.

Logan Hodgson '21, came to Westmont as an Augustinian Scholar and graduated as a triple major in engineering physics, math, and music. He received the Outstanding Graduate Award in both engineering physics and music. During his time at Westmont, he served as principal cellist in the Westmont Orchestra, was an outstanding TA in several classes, and conducted research at Las Cumbres Observatory. He is now pursuing a master's degree in electrical engineering at Cal Poly San Luis Obispo.

Coming Summer 2026: Engineering Design Innovation Camp
Inquire for more details.



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westmont.edu/engineering