

TO CONSIDER STUDYING ELECTRICAL ENGINEERING @ SONOMA STATE UNIVERSITY

5 REASONS

1 BUILD THINGS

Our Electrical Engineering program is a hands-on and project-based program. In addition to traditional lecture mode of teaching, we engage students in many laboratories and projects. All of our EE students have free access to the Makerspace where they can dream, make, and innovate! Many of student projects involve 3D printing & scanning, Virtual Reality, and Laser Cutters. We have invested several million dollars in equipment and are proud of our graduates' practical knowledge of technology, particularly in various fields of electronics. We believe in learning by doing!

2 THINK BIG

We focus on critical thinking in various engineering environments starting with the first EE course that our students take as a freshman. Our highly educated and experienced faculty work with individual students to think beyond the required EE topics. Students learn what it takes to move a group project from conception to realization through a process that includes funding, cost-effectiveness and potential for commercialization. Our program engages students in various technical clubs, hackathons and coding competitions, as well as tours of local high-tech industry facilities in the North Bay areas.

3 STAY CLOSE TO SILICON VALLEY

It's a special bonus that we're only 50 miles away from Silicon Valley, an area known globally as a place where ideas are born. We are also one hour away from San Francisco, one of the fastest-growing and most entrepreneurial and exciting cities in America. Our alums work for big names like Keysight, PG&E, Google, and Apple. Our current students have the opportunity to intern with Intel, Berkeley National Laboratory, and NASA.

4 GRADUATE TIMELY

We are not impacted! Our EE freshmen classes are limited to 24-30 seats. We offer ample tutoring opportunities for students needing extra assistance with their courses. There is plenty of support for our first generation college students. With more than a 40% underrepresented minority population, we are committed to expanding and diversifying participation for all students. All of this is how we can make sure our students graduate in four years! Interested students can stay one extra year and take advantage of our 4 +1 program and receive their Master's degree.

5 DO GOOD

The Senior Design experience is a unique experience that goes well beyond just completing a project. In this one-year long course students learn to combine the main concepts of their 3+ years of EE studies. Through this course teams of students are also immersed in an entrepreneurial experience working with real-world customers and mentors from the local industry to develop a real and functional product. We believe in engineering projects that truly help people and their communities and improve the quality of life.