

Electrical and Computer Engineering Program Overview - College of Engineering - Valparaiso University

WHY CHOOSE ELECTRICAL AND COMPUTER ENGINEERING AT VALPARAISO UNIVERSITY?

Every Electrical or Computer Engineering program is characterized by set of unique characteristics. These characteristics differentiate one program from another, often in subtle ways. Why then, should I pursue Electrical Engineering studies at Valparaiso University? * Program accredited by the Accreditation Board Engineering and Technology (ABET). * An exclusively undergraduate engineering program, featuring small classes taught by full-time faculty whose primary interest is your education. * Comprehensive course offerings in core areas of study, including computer hardware and software, digital systems, microcontrollers and communication systems. * A strong computer emphasis under a degree name that clearly indicates preparation in computer hardware as well as software. * Extensive computational and laboratory facilities dedicated to electrical circuit analysis, digital system design, electronics, microcontrollers and digital signal processing. * Laboratories provide numerous opportunities for "hands-on" experience with engineering test equipment. * Interdisciplinary design projects and small laboratory groups that foster teamwork and development of interpersonal skills. * Development of the whole individual is enhanced by participation in diverse course offerings in the College of Arts and Sciences. * An opportunity to embellish your studies with minors in physics, mathematics, chemistry, computer science, engineering management and a number of non-technical disciplines. * Accredited Cooperative Education program with employment opportunities throughout the United States. A summer internship program is also available. * Opportunities for participation in undergraduate research programs. * An opportunity (if eligible) to participate in enhanced liberal arts studies by participating in the Christ College Honors Program. * Opportunities for international studies.