WASHINGTON STATE UNIVERSITY—
SERVING WASHINGTON AND THE WORLD

Washington State University conducts transformational research and provides world-class education to more than 26,000 undergraduate, graduate, and professional students. Founded in 1890 in Pullman, it is Washington’s original land-grant university, with a mission of improving quality of life.

One of the nation’s top public research institutions, WSU stands among 96 U.S. public and private universities with very high research activity, according to The Carnegie Foundation classification. U.S. News and World Report consistently ranks the University among the top 60 public universities. Many academic programs win recognition for excellence.

SCHOLARSHIP OPPORTUNITIES

Nine scholarships ranging from $2,000 to $5,000 per year are available to the first cohort of students. For additional scholarship information or to apply for a scholarship please contact the Pullman EE Academic Coordinator by sending email to everett@eecs.wsu.edu or by calling 509–335–2446.

EVERETT, WA

EvCC has a long tradition of academic excellence and offers: small classes, variety of programs, personal contact with your instructors, an active campus life, athletics, and affordable tuition. Like you, the college is always changing and growing: new degree programs, new buildings, and new services.

Everett is a beautiful city of more than 100,000 people located in the north Puget Sound area. It is a growing urban setting rich in diversity, cultural amenities, and outdoor recreational opportunities.

The city of Everett is proud to be the home of the Everett Silvertips ice hockey team and the Everett AquaSox minor league baseball team. It is also home to Boeing’s assembly plant for the 747, 767, 777, and the new 787 in the largest building in the world by volume at 116.5 million cubic feet.

It has some of the best salmon and steelhead fishing in the world. Its port boasts the largest public marina on the West Coast and it has more than 1,600 acres of parks, trails, and playgrounds.

Gray Wolf Hall, on the EvCC campus in Everett, WA
INTRODUCTION
Washington State University’s School of Electrical Engineering and Computer Science offers a Bachelor of Science in Electrical Engineering at Everett, Washington. This program is a full-time, day-time program for students in western Washington. The School has professors on the WSU Pullman campus and at the University Center of North Puget Sound located on the Everett Community College (EvCC) campus, providing students with both academic and career advising. Students attend all lecture and laboratory courses on the EvCC campus. Courses will either be delivered locally by resident/adjunct faculty or originate from the WSU Pullman campus. Student contact with the faculty outside of scheduled course times is welcomed and encouraged.

PREPARATION
The Washington State Board for Community and Technical Colleges (www.sbctc.ctc.edu) posts details regarding an associate degree based on a statewide agreement. The degree is called the Associate in Science-Transfer (AS-T) degree and its Track 2 is specialized to engineering and physics related fields. For brevity, this pamphlet will use the notation ‘AST2’ to refer to this degree. Please check with your own community college to learn their notation for this degree.

Students should apply to the program as they are nearing completion of the AST2 degree at their local community college. The AST2 degree is nearly equivalent to the first two years of the BSEE program and makes the student eligible for certification into the BSEE major.

The minimum academic performance required for acceptance into the Everett EE program is:
- A minimum cumulative GPA of 2.5 (of all college coursework taken)
- A grade of C (2.0 on a 4 point grade system) in the equivalent of each of the following WSU courses:
  - Math 171 – Calculus I
  - Math 172 – Calculus II
  - Chem 105 – Principles of Chemistry I [1]
  - Physics 201 – Engineering Physics I [1]
  - Physics 202 – Engineering Physics II [1]
- In good standing to complete the equivalent of the following required WSU courses before the fall semester:
  - Math 273 – Calculus III
  - Math 220 – Linear Algebra
  - Math 315 – Differential Equations
  - EE261 – Electric Circuits
  - EE262 – Electric Circuits Lab [2]

NOTES AND CLARIFICATIONS
[1] The chemistry and physics courses must have associated labs.
[2] Students must complete the equivalent of WSU’s EE262 electric circuits lab by the first day of fall classes (with a grade of C or better).
EvCC offers an equivalent circuits lab course during their spring and summer sessions in the form of ENGR 205 (the summer offering is contingent upon sufficient enrollment).
[3] There are three ways to satisfy the computer programming requirements: i) As shown in the table, complete WSU’s Cpts 121 and Cpts 122 or equivalent transfer courses; ii) Complete EvCC’s CS1 and CS2 or equivalent transfer courses; or iii) Students who have already completed a three credit hour Java course can complete a short WSU online module that focuses on the Java-to-C transition and then complete EvCC’s CS2 or WSU’s Cpts 122 or equivalent transfer course.

Completing the AST2 fulfills all of the WSU University Core Requirements (UCORE) except the Diversity (DIVR) and Roots of Contemporary Issues (ROOTS) requirements. Completion of UCORE is required to earn the BSEE degree. The online Java–to–C module will be offered continuously via WSU’s Global Campus (online.wsu.edu) starting in May 2014. On the quarter system, Calculus I–IV are required to meet the WSU Calculus I–III requirements. Failure to complete courses in a timely manner may result in removal from the Everett EE program.

TRANSFER STUDENTS
The following information applies to students planning to complete the AST2 degree then transfer to a WSU engineering program. Information about the courses that a student should complete at any specific community college in the state of Washington can be found at:

www.cea.wsu.edu/transferstudents

APPLYING
The Everett EE program accepts entering students for the fall semester only. Applications should be made to the WSU-Online campus online.wsu.edu/admissions.aspx indicating an interest in Electrical Engineering. For application deadlines please send email to everett@eecs.wsu.edu or call 509–335–2446. To apply to the Everett EE program follow these steps:
1. Apply using the Transfer Student Application
2. Select “WSU Global Campus” as your campus
3. Select “Elect Eng Everett” as your academic interest
4. Email the Pullman EE Academic Coordinator (everett@eecs.wsu.edu) your WSU Student ID number.

After you complete steps 1–4 the Pullman EE Academic Coordinator will then confirm application receipt to the appropriate program and help you apply for certification into the EE program. The WSU tuition (confirmation) deposit is not refundable thus you should pay that deposit only after you are certified into the EE program.

ELECTRICAL ENGINEERING
There are more than 160,000 electrical engineers in the United States and their median annual income is about $87,000. Electrical engineers are active at circuit design, research, development, manufacturing, and testing. They work with components and systems that include electric motors, radar, navigation systems, communication systems, power generation equipment, and electronic equipment. To learn more about the electrical engineering profession please visit this website: www.ieee.org

WSU SCHOOL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE (EECs)
EECS consistently ranks among the top 100 electrical and computer engineering schools nationally by U.S. News and World Report. Areas of EECs excellence at the Pullman campus include power engineering, mixed-signal electronics, electromagnetic fields and waves, wireless telecommunications, computer engineering, networking, distributed systems, and more. To learn more about EECs please visit this website: school.eecs.wsu.edu

Students in a WSU EECS circuits lab.