

AS-T in EET/CET/MRP

Electronics Engineering & Computer Engineering Technology

Complete basic background studies for transfer to a bachelor's degree program in electronics engineering and computer engineering technology disciplines. Careers may be found in research, development, design, operations management, teaching, sales and consulting.

Degree Requirements

- **Communications:**
5 credits - ENGL& 101 English Composition I.
- **Quantitative/Symbolic Reasoning Skills:**
15 credits – MATH& 151* Calculus I AND MATH& 152* Calculus II AND MATH& 153* Calculus III OR MATH& 146 Introduction to Statistics.
- **Humanities/ Social Sciences:**
15 credits – minimum 5 credits in Humanities, minimum 5 credits in Social Science, plus an additional 5 credits in either Humanities or Social Science from the Distribution List.
- **Diversity:**
5 credits – from the Diversity Course List. Courses that meet this requirement may also be used toward other graduation requirements. Diversity courses are listed in the quarterly schedule and identified by 'DIV' attached to the course title. Example: SOC& 101 – Intro to Sociology:DIV.
- **Electives:**
4 credits minimum – select electives appropriate for your intended major and intended baccalaureate institution. MATH& 153 Calculus III or MATH& 146 Introduction to Statistics may count as electives.

Pre-Major Requirements

CHEM& 161*	General Chemistry w/Lab I	5
CS 170	Computer Programming	5
CS 270	Data Structures I	5
CS 281	Digital Design	5
ENGL& 235	Technical Writing	6
ENGR& 204	Electrical Circuits	5
• PHYS& 114*	General Physics I w/Lab	5
• PHYS& 115*	General Physics II w/Lab	5
• PHYS& 116*	General Physics III w/Lab	5
OR		
• PHYS& 221*	Engr Physics I w/Lab	5
• PHYS& 222*	Engr Physics II w/Lab	5
• PHYS& 223* (engineering physics preferred)	Engr Physics III w/Lab	5
CMST& 220 (was SPCH 110)	Public Speaking	5

Diversity and Distribution Lists are available in the Lower Columbia College Academic Catalog and at lowercolumbia.edu/catalog.

Total transferable credits required to earn this degree: 90 with a cumulative grade point average (GPA) of at least 2.0. A course cannot be credited toward more than one distribution or skill area.

Students completing this program should acquire the following skills and abilities:

- Apply knowledge of mathematics, science and engineering
- Design and conduct experiments
- Analyze and interpret data
- Identify, formulate and solve engineering problems
- Communicate effectively

Revised March 2019 (Effective Summer 2019)

Planner

The distribution lists are in the LCC Catalog. If you are online, click on the links below:

Diversity Course List

Distribution List

Fall Quarter			Winter Quarter			Spring Quarter			Summer Quarter		
√	Courses	Crs	√	Courses	Crs	√	Courses	Crs	√	Courses	Crs
Total:			Total:			Total:			Total:		

Fall Quarter			Winter Quarter			Spring Quarter			Summer Quarter		
√	Courses	Crs	√	Courses	Crs	√	Courses	Crs	√	Courses	Crs
Total:			Total:			Total:			Total:		

Notes:

Baccalaureate institutions party to this agreement are: CWU, EWU, and WWU.

Additional general educational requirements, cultural diversity requirements, and foreign language requirements, as required by the receiving institution, must be met prior to the completion of a baccalaureate degree.

Program planning is based on information available at the time of preparation. It is the student's responsibility to meet with their LCC advisor *and* with an advisor at the college to which they plan to transfer for specific requirements. Consult the LCC catalog for LCC graduation requirements.

Most four-year universities require one year of a single foreign language as a graduation requirement.