



General Education Advising Guide for Engineering Students

Each institution has specific requirements for fulfilling general education requirements. Students are advised to read the catalog of the university to which transfer is desired. Names, phone numbers, and email addresses for inquiries to OIT, OSU, and PSU are listed below.

These general education advising notes and recommendations are based on PCC's understanding of requirements at the time of preparation of this guide. Students, however, are responsible for selecting general education courses that meet university requirements, and PCC makes no warranties of the information listed below. For additional information, see OIT/PCC, OSU/PCC, and PSU/PCC General Education advising guides available in PCC's Counseling Office.

PORTLAND STATE UNIVERSITY - Maseeh College of Engineering and Computer Science (MCECS)

P.O. Box 751, Portland OR 97209-0751

Jody Stiegemeyer, Academic Adviser 503.725.8401 or sjodi@cecs.pdx.edu

MCECS Office of Student Services 503.725.4631 or info@cecs.pdx.edu

(Schedule an advising appointment one to two terms in advance).

<http://www.pdx.edu/cecs/maseeh-student-services>

Students transferring with 90 or more quarter credits of transfer work, including **WR 121 and COMM 111**, will be exempted, by PSU, from the Freshman/Sophomore inquiry sequences, and will be considered Juniors.

The MCECS requires engineering students to complete a minimum of 39 credits of **Arts & Letters and Social Science** courses to graduate from PSU. Of these 39 credits, 27 may be taken at PCC; 8 of these 27 are the WR and SP courses indicated above. **This leaves 19 additional credits that may be taken at PCC.** Students may choose courses from the General Education List in the PCC catalog; most courses that may be used for the AAOT degree will be accepted by PSU. Exceptions are Art, Music, and Theater skills courses (such as Ceramics, Piano, Performance, etc.), and ESOL courses; these courses will not satisfy general education requirements at PSU.

Civil, Environmental, Computer and Electrical engineering students should also take **WR 227**, Technical Report Writing, which is a requirement for those programs (for Civil and Environmental engineering students, WR 227 also counts as general education credit). Mechanical engineering students will be required to take WR 327 at PSU, so it is NOT recommended they take WR 227 at PCC. **EC 201**, Principles of Economics: Microeconomics, is recommended for all engineering majors as preparation for economics instruction in the upper-division cluster, and will be counted as a social science.

Students transferring with 45-89 credits will be encouraged to take the Transfer Transition course and will begin University Studies with Sophomore Inquiry (terms of Sophomore Inquiry required depending on exact number of credits between 45 and 89). Those transferring 30-45 credits will be required to take the Transfer Transition course. Those transferring 0-29 credits will be required to complete the entire University Studies program including the entire Freshman Inquiry sequence.



General Education Advising Guide for Engineering Students

OREGON INSTITUTE OF TECHNOLOGY

Wilsonville, OR 97070

503.821.1250 or wilsonville@oit.edu

<http://www.oit.edu/wilsonville/admissions/general-info/advising>

WR 121, WR 122, WR 227, COMM 111, and COMM 215 are required communications courses. Students are required to take 9 credits of Humanities electives and 12 credits of Social Science electives for their degree. Renewable Energy Engineering students are required to take ECON 201 and HIST 356 or HIST 357 as a Social Science electives. ECON 201 can be taken at PCC but the History classes are upper division and must be taken at OIT. Electrical Engineering students will be required to take Engineering Economy (MGT 345) at OIT. Other than the courses specifically listed, all General Education requirements can be met at PCC.

OREGON STATE UNIVERSITY - College of Engineering

Corvallis, OR 97331-6411

541.737.5236 or askengineering@oregonstate.edu

<http://engineering.oregonstate.edu/future-students>

OSU has Baccalaureate Core Requirements in 3 main areas - Skills, Perspectives, and Synthesis (synthesis courses must be upper division and are therefore must be taken at OSU).

Skills: 15 credits (3 credits in each sub-area below). These courses are specifically listed in the PCC Advising Guides.

Writing I: WR 121

Writing II: WR 227

Writing III/Speech: COMM 111 or 112

Mathematics: covered in required MTH courses

Fitness: HE 295 and PE 295 (3 credits total)

Perspectives: 24 credits (distributed as shown below; no more than two courses from any one department)

Physical Science: covered in CH and PHY courses

Biological Science: 4 credit course including lab

Western Culture: 3 credits minimum (PHL 202 is required for CEM majors.)

Cultural Diversity: 3 credits minimum

Literature and the Arts: 3 credits minimum

Social Processes and Institutions: 3 credits minimum (EC 201 is required for CE majors.

EC 201 and 202 are required for CEM majors. Either EC 201 or 202 is required for Mechanical majors and recommended for others.)

Difference, Power, and Discrimination: 3 credits minimum

For acceptable courses, see an OSU catalog or <http://oregonstate.edu/admissions/baccalaureate-core-course-equivalencies-portland-community-college>

One course from Biological Science; Western Culture; Cultural Diversity; Literature and the Arts; Social Processes and Institutions; and Difference, Power, and Discrimination totals 19 credits of General Education course work, as noted on the PCC Advising Guides. Since most gen-ed courses at PCC are 4 credits, students may wind up taking 24 credits at PCC to satisfy the OSU Perspectives requirement.