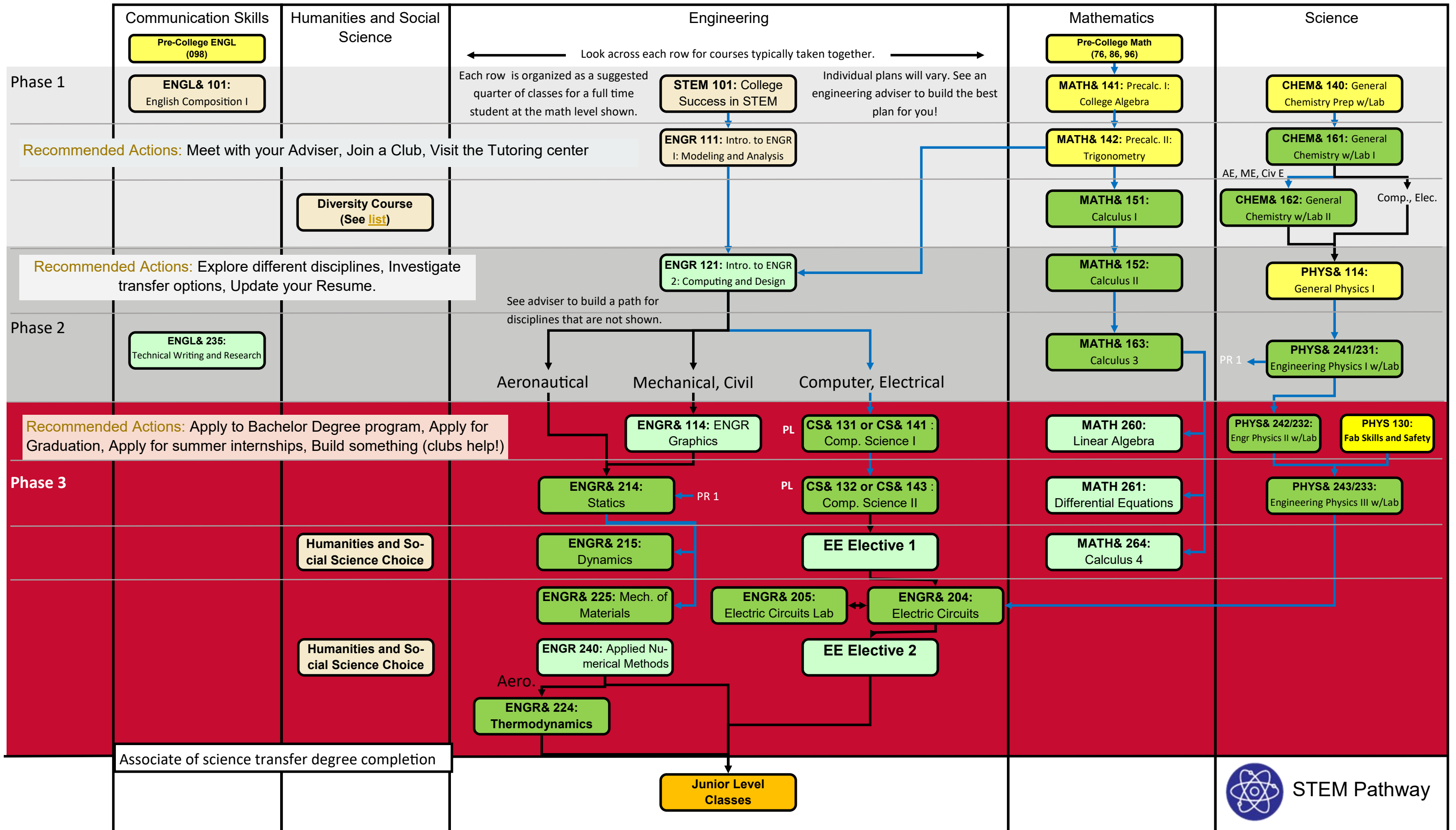









ENGINEERING TRANSFER: This program is designed to prepare students to transfer to a Bachelor's Degree program in a variety of engineering majors including aeronautical, biological, chemical, civil, computer, electrical, mechanical, and manufacturing engineering, as well as material science.



Key:

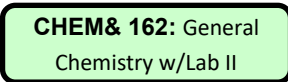
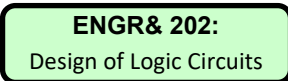
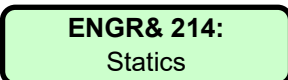
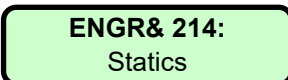
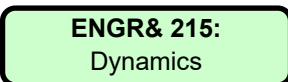
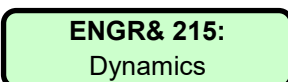
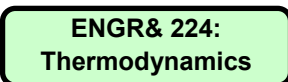
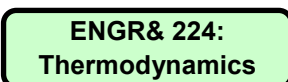
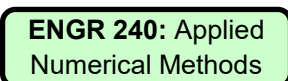
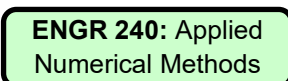
-  - Prerequisite Course
-  - Required for Associate of Science Transfer (AS-T) degree from EvCC
-  - Required to reach Junior Level (two years remaining to earn Bachelor's Degree)
-  - Admission requirement for Bachelor degree programs
-  - Junior level course that fulfills a Bachelor's degree requirement
-  - Prerequisite requirements
-  - Suggested Path

Notes:

PR1— Used to extend prerequisite arrow across diagram to second PR1 note.
 PL — For CS I and II, choose your programming language based on your intended transfer destination. For UW-Seattle choose JAVA (CS 141 & 143) for all other transfer schools choose C++ (CS 131, 132)

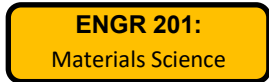
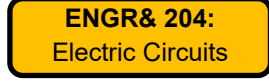

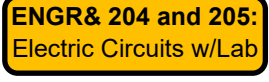
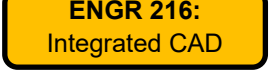

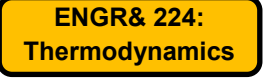
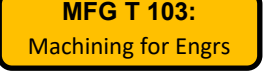

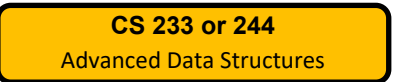
Electrical Engineering Electives

Choose two Courses from the following:

University of Washington	Washington State University
 CHEM& 162: General Chemistry w/Lab II	
 ENGR& 202: Design of Logic Circuits	
 ENGR& 214: Statics	 ENGR& 214: Statics
 ENGR& 215: Dynamics	 ENGR& 215: Dynamics
 ENGR& 224: Thermodynamics	 ENGR& 224: Thermodynamics
 ENGR 240: Applied Numerical Methods	 ENGR 240: Applied Numerical Methods

Junior Level Courses

EvCC Offers the following Junior Level Courses:

	University of Washington	Washington State University
ME	 ENGR 201: Materials Science  ENGR& 204: Electric Circuits	 ENGR 201: Materials Science  ENGR& 204 and 205: Electric Circuits w/Lab  ENGR 216: Integrated CAD
		 ENGR 220: Breaking Lab  ENGR& 224: Thermodynamics  MFG T 103: Machining for Engrs
EE		 ENGR& 202: Design of Logic Circuits
Comp. Engr		 CS 233 or 244 Advanced Data Structures

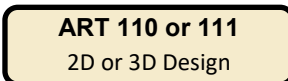
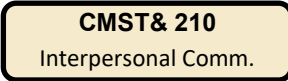

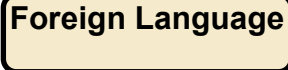
Humanities and Social Sciences

15 credits, in three different disciplines. At least one from Humanities and at least one from Social Sciences. There are some recommended courses below. See course schedule for full list of humanities and social science courses offered. All students must take at least one Diversity course and many of these also count as humanities or social science credit. Diversity courses have a "D" in the course number, for example "ART 124D". For engineering students considering WSU, we recommend choosing a diversity course that also meets WSU's diversity requirements (see below).

Recommended Humanities:

Any humanities course that also meets the

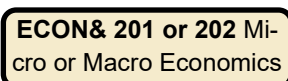
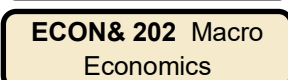
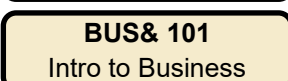
[Diversity Courses accepted at WSU](#)

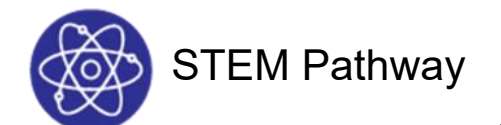
-  **ART 110 or 111** 2D or 3D Design - Creative design
-  **CMST& 210** Interpersonal Comm. - Helpful for team projects
-  **CMST& 220** Public Speaking - Helpful for presentations
-  **Foreign Language** - Communication with global teams

Recommended Social Sciences:

Any Social Science course that also meets the

[Diversity Courses accepted at WSU](#)

-  **ECON& 201 or 202** Micro or Macro Economics - Required at WSU for EE
-  **ECON& 202** Macro Economics - Required at WSU for ME
-  **BUS& 101** Intro to Business - Good for management or starting your own business



Student Resources:

<https://www.everettcc.edu/students/>

Important steps for each phase of your education:

Phase 1

Meet with your adviser and make an academic plan, Join Trio or MESA, Join a Club, Visit the Tutoring Center

How to get to know your campus and peers?

Join a [Club](#) (link to EvCC page), form study groups, visit the STEM Maker Space, drop by the tutoring center, get to know your Engineering Tech, get to know your faculty outside of class (ex. visit them during office hours), visit the library.

Phase 2

What's your favorite part of your engineering course work (programming, building, modelling, circuits, etc)? Schedule an advising meeting or drop in to office hours to chat about this with your adviser or one of your teachers.

Attend a resume workshop! Check out company or organization websites to find out more about what engineers do. Attend a career fair.

Visit a transfer school campus or at least their websites. Could you see yourself on that campus?

Phase 3

Choose 2 or 3 schools that you would like to transfer to. Find out their transfer application deadlines and start your application. Build something, or learn something new! Update your resume to include those cool projects that you've been working on (ex. course projects, club projects or personal projects).

Attend a career fair and apply for internships!

Are you on track to graduate? If you aren't sure, meet with your adviser.

Get Involved! Opportunities to get active in the STEM

Community

Clubs:

STEM Club, SWE (Society of Women Engineers), SHPE (Society of Hispanic Professional Engineers), MESSA (Math, Engineering & Science Student Association), ACM (Association for Computing Machinery), Society of Physics Students

Activities:

Internship workshops, Resume workshops, Video Game Nights, STEM Pizza Parties, STEM Student Exhibition, and much more!

