

IMPORTANT AEROSPACE ENGINEERING TIPS & NOTES

CHECK SHEET

- 1) Follow the Check Sheet – it's carefully organized to assure prerequisites/corequisites are not missed and that you progress towards graduation quickly (135 credit hours are needed to graduate)
- 2) Follow the Check Sheet – missed prerequisites or corequisites for a Fall or Spring only class will result in, at least, a year's delay in graduation (exceptions for missed prerequisites are not granted)
- 3) The handy diagram, or flow chart, below shows how and when classes (e.g., prerequisites/corequisites) connect
- 4) Take your Technical Electives during your senior year, only after carefully considering career goals and consulting with your faculty advisor
- 5) Taking summer classes (especially GE's) is a great way to lighten the Fall/Spring course loads

C OR BETTER GRADES

- 1) Note that a C-minus grade does not meet AE department "C or better" requirements
- 2) Grades of C or better are required in many AE courses (carefully check the WSU undergraduate catalog and the many check sheet notes)
- 3) All ME classes require C or better prerequisite grades

GENERAL EDUCATION

Be very careful to follow the General Education Program guidelines - all GE courses must be chosen from the approved list in the WSU Undergraduate Catalog

ENGINEER of 2020

- 1) Students must complete three out of the following: (a) Undergraduate Research; (b) Cooperative Education/Internship; (c) Global Learning/Study Abroad; (d) Service Learning; (e) Leadership; (f) Multi-Disciplinary (visit the College of Engineering website for more Engineer of 2020 details)
- 2) Don't wait until your senior year to complete the requirements (start and finish as soon as you can)
- 3) Make sure you complete and submit the required 2020 forms (it's not done automatically)

NATURAL SCIENCE ELECTIVES

Choose one course from the following (some are > 3 hrs.):

Biology – 210, 211, 223, 310, 370, 5__ or above

Chemistry – 212, 301, 5__ or above

Geology – 102, 111, 235, 3__ or above

Physics – 195, 196, 223, 3__ or above

TECHNICAL ELECTIVES

Technical elective classes allow you to either broaden or to enhance your technical knowledge. These courses must be taken from engineering, math, or science - preferably during your senior year and only after carefully considering career goals and consulting with AE faculty. With the exception ENGR 101 all technical elective classes must be upper division with a MATH 242 or higher prerequisite. A maximum of 3 credit hours may be taken outside of aerospace engineering.

