SDSU College of Engineering Aerospace Engineering

Name: _____ **Red ID:** _____

Email: _____ **Advisor:** _____

Aerospace Engineering Master Plan and Advising Record
Catalog Year 2023-24

1. **Impaction Criteria:** MATH 150 & 151, CHEM 202 or 200, PHYS 195 & 196, and ME 200 or AE 200 *(all passed w/C or better, with overall GPA of 2.7 or higher)*
2. **Master Plan: T**he Master Plan provides an advising record for Aerospace Engineering majors and should be initiated by the student when **taking AE 123 during their first year.** The Master Plan must be reviewed each semester with the Major Advisor before registration. Any changes to the Master Plan must be approved by the Major Advisor. All students must have a Master Plan on file in the department prior to enrollment in AE 331 and AE 301.
3. **General Education:** You must complete the GE requirements for your original catalog year. For Explorations, only courses that satisfy Cultural Diversity are indicated. If you are following the current catalog requirements, you are required to make sure you are on track with any changes until graduation.
4. **American Institutions:** A course may satisfy more than one area. Refer to the SDSU university catalog for a list of approved pairs of courses. These courses have overlap areas, but no more than two American Institutions courses may apply to General Education.
5. **GWAR:** Engineering students will satisfy the Graduation Writing Assessment Requirement through completion of your Senior Project course. AE 403W must be passed with a grade of C or better.
6. **Professional Electives:** Six units selected from: AE 510, AE 520, AE 530, AE or ME 535, AE 540, AE 546, AE 550 and AE 596; Other electives may be substituted with consent of the advisor and department chair.
7. **Fall-only Courses:** AE 123, AE 320, AE 331, AE 410, AE 430, AE 440, and AE 460A
8. **Spring-only Course:** AE 260, AE 301, AE 302, AE 303, AE 310, and AE 460B

SDSU Courses		Transfer Courses		Advising Record							
Requirements	**Grade**	**Course #**	**School**	**F23**	**S24**	**F24**	**S25**	**F25**	**S26**	**F26**	**S27**
MATH 150 (4)											
ME 190 (2)											
CHEM 202* (4)											
AE 123 (1)											
MATH 151 (4)											
PHYS 195 (3)											
PHYS 195L (1)											
MATH 252 (4)											
PHYS 196 (3)											
AE 200* (3)											
BIOL 100* (3)											
AE 280 (3)											
AE 260 (3)											
EE 204 (3)											
AE 220* (3)											

SDSU College of Engineering
Aerospace Engineering

SDSU Courses		Transfer Courses		Advising Record							
Requirements	**Grade**	**Course #**	**School**	**F23**	**S24**	**F24**	**S25**	**F25**	**S26**	**F26**	**S27**
AE 331 (3)											
AE 340 (3)											
AE 341 (1)											
AE 320 (3)											
CIVE 301* (3)											
CIVE 302 (1)											
AE 301 (3)											
AE 302 (3)											
AE 303 (2)											
AE 310 (4)											
AE 440 (3)											
AE 430 (3)											
AE 460A (3)											
AE 410 (3)											
AE 403W (3) *passed w/ grade C or better*											
AE 460B (2)											
Prof. Elective (3)											
Prof. Elective (3)											

Advising Notes

This is not a legally binding document. Advisors will do their best to assist students with course planning. It is the student's responsibility to ensure that they are following prerequisite and graduation guidelines.

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General Education & Graduation Requirements Tracker

SDSU Courses		Transfer Courses		Advising Record		
Requirements	**Grade**	**Course #**	**School**	**Semesters at SDSU**		
American Institutions				**FALL**	**SPRING**	**SUMMER**
American History, Inst. & Ideals						
U.S. Constitution						
CA State & Local Govt.						
I. Communication & Critical Thinking				**FALL**	**SPRING**	**SUMMER**
1. Oral Communication						
2. Written Communication						
3. Critical Thinking						
II.A. Natural Sciences & Quantitative Reasoning				**FALL**	**SPRING**	**SUMMER**
Automatically satisfied with completion of major prep						
II.B. Foundations: Social & Behavioral Sciences				**FALL**	**SPRING**	**SUMMER**
B. Social & Behavioral Sciences						
B. Social & Behavioral Sciences						
II.C. Foundations: Arts & Humanities				**FALL**	**SPRING**	**SUMMER**
C.1. Arts						
C.2. Humanities						
C.1. Arts or C.2. Humanities						
III. Lifelong Learning & Self-Development						
Automatically satisfied with completion of major prep						
IV.A. Explorations: Natural Sciences						
Automatically satisfied with completion of major requirements						
IV.B. Explorations: Social & Behavioral Sciences						
Automatically satisfied with completion of major requirements						
IV.C. Explorations: Humanities/Cultural Diversity				**FALL**	**SPRING**	**SUMMER**
C. Humanities/Cultural Diversity						
V. Ethnic Studies (GE & Graduation Requirement)				**FALL**	**SPRING**	**SUMMER**
V. Ethnic Studies						
Graduation Writing Assessment Requirement (GWAR)						
Automatically satisfied with completion of senior design (passed with grade of C or better)						

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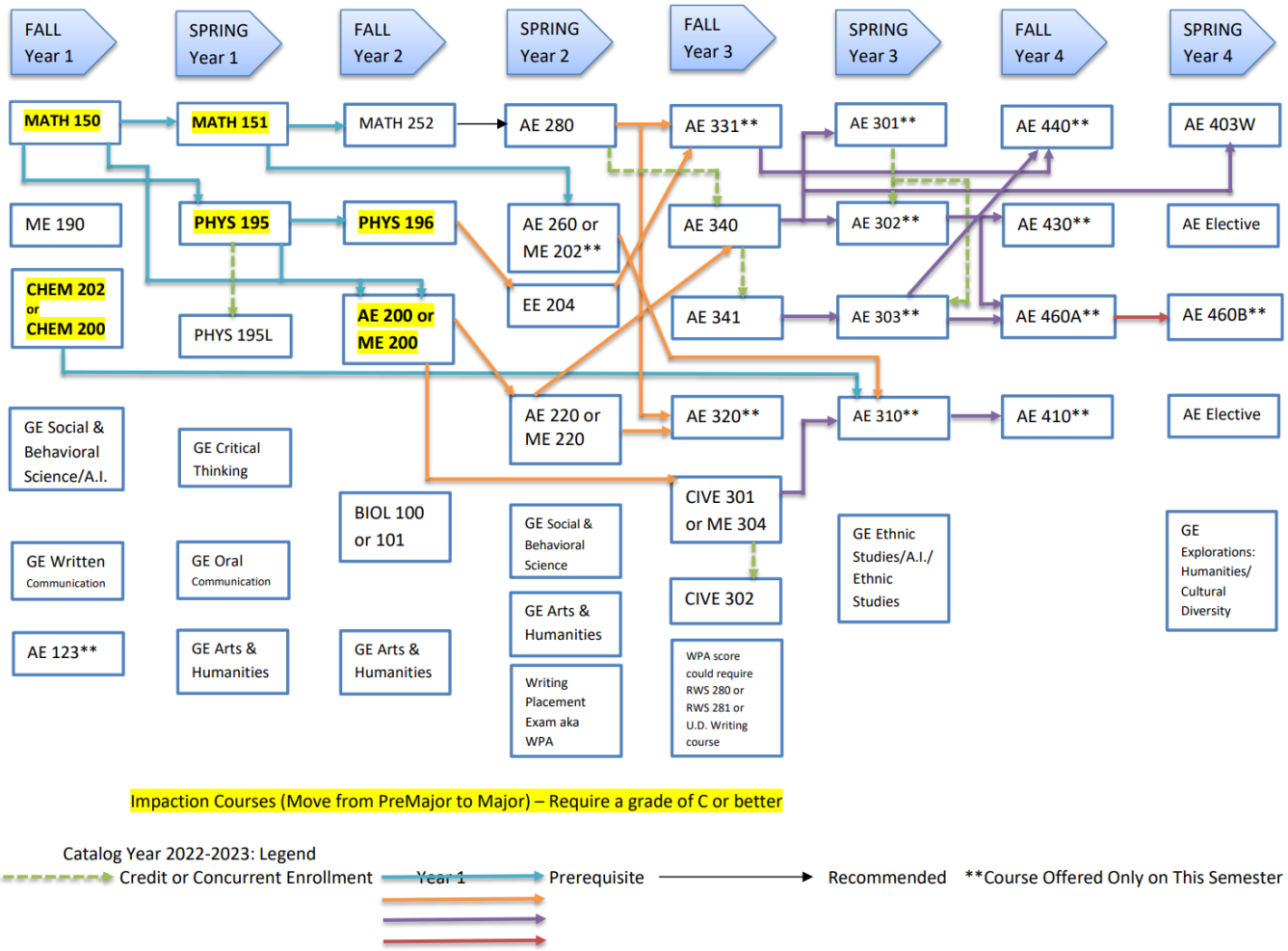
AEROSPACE ENGINEERING CURRICULUM GUIDE



Impaction Courses (Move from PreMajor to Major) – Require a grade of C or better

Catalog Year 2022-2023: Legend

Credit or Concurrent Enrollment — Year 1 — Prerequisite → Recommended **Course Offered Only on This Semester

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