

AE Pre-Advising Worksheet– Fall 2020

Preferred Name _____

WSU ID _____

Advising Session Date _____

Catalog Term* _____

*Tip: To find your catalog term, check your Degree Works audit or your Academic Profile under the myClasses tab in your myWSU portal.

I would like to learn more about the AE department Honors Program

Approximate work hours per week _____

Desired credit hours _____

Total number of W and F's _____

Questions/concerns: _____

Use the checksheet below and your degree audit to cross off the classes you have completed or expect to complete this semester with the required grade.** Then, type the classes you think you should take in the spaces below. **Note:** You do not have to use all blanks and you can click the boxes in the chart to cross classes off. Remember to save!

Freshman		Sophomore		Junior		Senior	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
ENGL 101 (3) College English I	ENGL 102 (3) College English 2 ENGL 101	GE Core (3) In Fine Arts	IME 222/L (3) Engineering Graphics & Lab Math 123	GE - ECON 201 (3) Principles of Macroeconomics (counts as Gen Ed in Social & Behavior Sciences)			
GE Elective (3) In Fine Arts or Humanities or Social & Behavior Science* *1 st year students must take FYC		COMM 111 (3) Public Speaking	AE 373 (3) Dynamics (Fall/Spring/Summer) MATH 344, AE 223 w/C or better	GE - PHIL 385 (3) Engineering Ethics (counts as Gen Ed in Humanities) Junior or senior standing	AE 502 (3) Aero Propulsion I (<i>Spring only</i>) AE 227, 373, ME 398 C: AE 424	ECE 282/L (4) Circuits I C: Math 243	Math or Sci Elect (3)
	AE 227/L (3) Engr. Digital Computations (Fall/Spring) C: MATH 243	ME 250 (3) Materials Engineering MATH 242 w/C or better, CHEM 211 w/C or better	AE 333 (3) Mech. of Materials (Fall/Spring/Summer) AE 223 w/C or better C: MATH 344 OR MATH 555		AE 512/L (3) Exper. Methods in Aerospace (Fall/Spring) AE 333, 424 C: AE 524	AE Tech Elect (3) (Fall/Spring)	AE Tech Elect (3) (Fall/Spring)
MATH 242 (5) Calculus I See catalog	MATH 243 (5) Calculus II MATH 242 w/C or better	MATH 344 (3) Calculus III MATH 243 w/C or better	MATH 555 (3) Differential Equations MATH 243 w/C or better	AE 415 (3) Intro. to Space Dyn (<i>Fall only</i>) AE 373 w/C or better, AE 227 C: MATH 555	AE 514 (3) Flight Dynamics & Control (<i>Spring only</i>) AE 415 C: AE 424	AE 607 (3) Flight Control Systems (<i>Fall only</i>) AE 514	
CHEM 211/L (5) General Chemistry I See catalog	PHYS 313 (4) Physics for Scientist I C: MATH 243	PHYS 314 (4) Physics for Scientist II MATH 243 w/C or better, PHYS 313	ME 398 (3) Thermodynamics I MATH 243 w/C or better, PHYS 313 w/C or better	AE 424 (3) Aerodynamics I (Fall/Spring) AE 324 w/C or better, AE 373, MATH 555	AE 524 (3) Aerodynamics II (Fall/Spring) AE 424	AE Tech Elect (3) (Fall/Spring)	AE Tech Elect (3) (Fall/Spring)
	PHYS 315 (1) University Physics Lab I C: PHYS 313	AE 223 (3) Statics (Fall/Spring/Summer) PHYS 313 C: MATH 243	AE 324 (3) Fundamentals of Atmospheric Flight (Fall/Spring) AE 223 w/C or better C: AE 227	AE 525/L (3) Flight Structures I (<i>Fall only</i>) AE 333 w/C or better C: MATH 555	AE 625/L (3) Flight Structures II (<i>Spring only</i>) AE 525	AE 528 (4) Aerospace Design I (<i>Fall only</i>) AE 502, 514, 525	AE 628 (4) Aerospace Design II (<i>Spring only</i>) AE 528
16 hrs.	16 hrs.	19 hrs.	18 hrs.	15 hrs.	15 hrs.	17 hrs.	13 hrs.

Classes

Classes

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****MATH 242, MATH 243, CHEM 211, PHYS 313, AE 223, AE 324, AE 333, AE 373 require a “C or better” grade to meet prerequisite requirements. A C-minus will not meet prerequisite requirements.**