

General Education Worksheet for Aviation and Technology Majors

Not for Engineering-Named majors. This tool is for planning purposes only as a quick view of General Education requirements and exceptions for students in the ITECH and Aviation department. The 2021-2022 catalog supersedes all content. Please work with an Advisor in the ESSC your department for any clarification.

General Education Core	Engineering Course Notes	Completed at	Grade
Area A Basic Skills (9 units)	Complete one course in each category		
A1 Oral Communication*	Course must be completed with C- or higher		
A2 Written Communication* I	Course must be completed with C- or higher		
A3 Critical Thinking & Writing*	ENGL 2; course must be completed with C- or higher		
Area B Science & Math (9 units)	B1-2-3 fulfilled with Intensive Science Option		
B1 Physical Science	PHYS 2A <u>and</u> PHYS 2B <u>and</u> Chem 1A with a C- or better. Other options available; please check with Major Advisor Fulfilled with grade C- or Higher in: Math 71 (71x) or Math 30/30x		
B2 Life Science			
B3 Laboratory Science			
B4 Mathematical Concepts			
Area C – Humanities & Arts (9 units)			
C1 Arts			
C2 Letters			
C3 C1 or C2	Fulfilled upon completion of all major requirements		
Area D – Social Sciences (6 units)			
D Choose 2 History Courses	Econ 1B (required for AVIA Management ONLY)		
Area E – Human Understanding & Development (3 units)			
E Aviation Technology	Choose any Area E other than ENGR 10		
	ENGR 10 (only satisfies Area E if taken at SJSU Fall 13 or later)		
Area F – Ethnic Studies (3 units)			
F Ethnic Studies			

Graduation Requirements	Completed at	Grade
American Institutions	Complete US 1-2-3; some courses double counts with Area D	
US1 (U.S. History)		
AI US2 (U.S. Constitution)		
US3 (California Government)		
Physical Education Activity:	Waived for all College of Engineering students	

Prerequisites to SJSU Studies
<input type="checkbox"/> Passed Writing Skills Test (WST) or LLD/Engl 100A <input type="checkbox"/> Upper Division Standing <input type="checkbox"/> ENGR 100w: C- or higher in second semester of composition <input type="checkbox"/> Completed A1, A2, A3, B4

SJSU Studies (Upper Div. GE)	Course	Completed at	Grade
All first baccalaureate students are required to have a minimum GPA of 2.0 in their SJSU Studies courses			
Area R	Earth & Environment and		
Area Z	Written Communication II	SJSU	
Area S	Self, Society & Equality in the U.S.	SJSU	
Area V	Culture, Civilization & Global Understanding	SJSU	