MESA Engineering Program—SJSU

Aerospace Engineering (120 units)

Fall 2018 Catalog

Developmental	Core GE
English	ENGL 1AS (3) → Engl. 1B (3) + WST & Core GE; ENGL 1AF (3) → ENGL. 1A (3)
Mathematics	Math 1001S → Math 1 → Math 19 + 19W (6)
Engineering	ENGR 8 (1); ENGR 10 (3) (GE Area E)
General Education	

Core GE Check List:

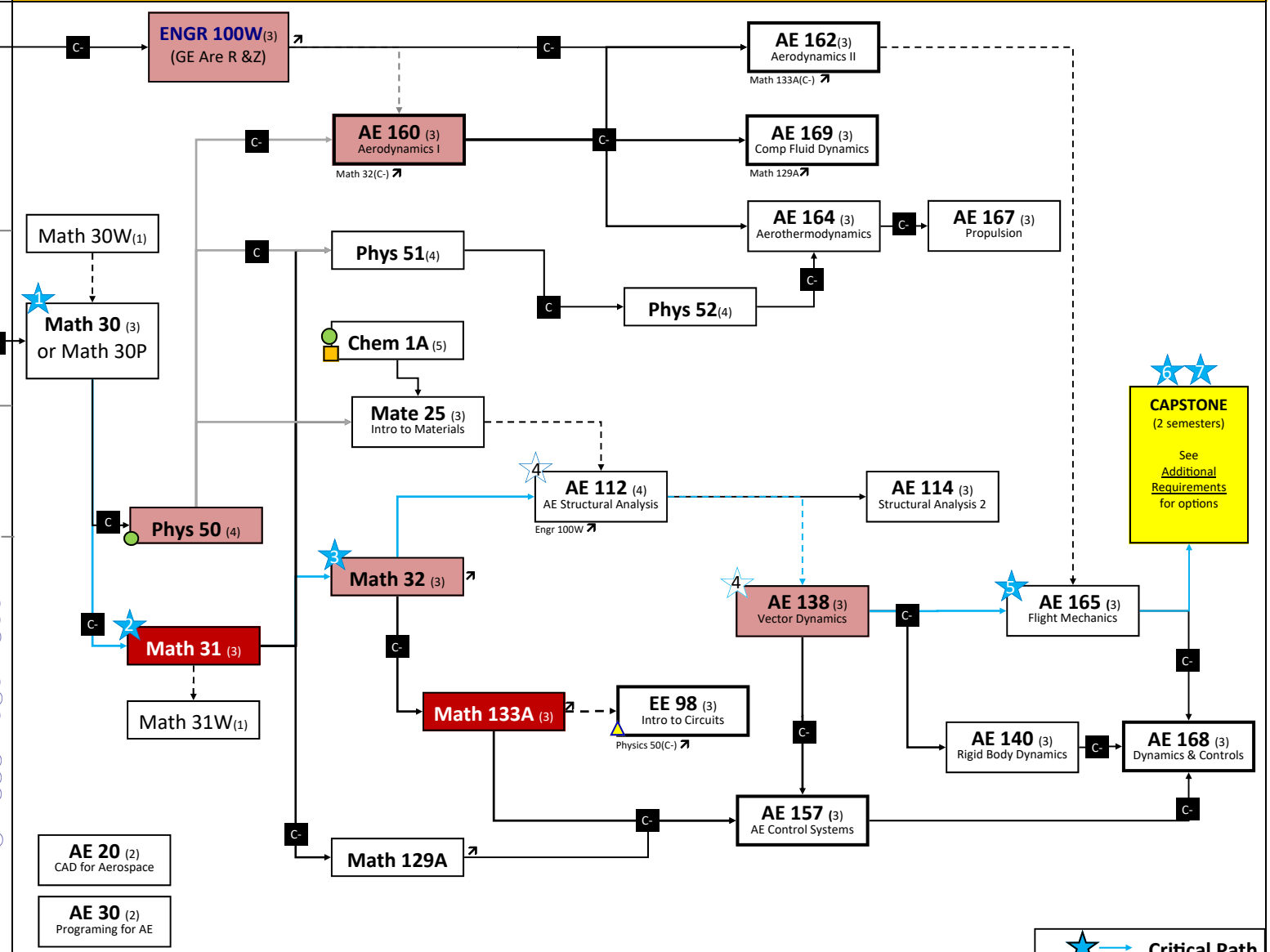
Basic Skills (9 units)
- ☐ A1: _____ (3)
- ☐ A2: _____ (3)
- ☑ A3: * Pending Degree* (3)

Humanities (9 units)
- ☐ C1: _____ (3)
- ☑ C2: English 1B (3)
- ☐ C3: _____ (3)

Social Science (9 units)
- ☐ D1: _____ (3)
- ☐ D2: _____ (3)
- ☐ D3: _____ (3)

Human Dev. (9 units)
- ☑ E: Engineering 10 (3)

American Inst. (6 units)
- ☐ US1: _____ (3)
- ☐ US2: _____ (3)
- ☐ US3: _____ (3)



- Pre-requisite
- Co-requisite
- ENGR 10 Pre-Requisite
- W-I and W-II (Engl 1A satisfied)
- M-I, M-II and M-III (Math 19 eligible)
- **General Education**

Additional Requirements:

1) Capstone & SJSU Studies (S & V)*: ☐ **Option 1: Aircraft** (AE 171A+ENGR 195A) & (AE 171B + ENGR 195B) or...
☐ **Option 2: Spacecraft** (AE 172A+ENGR 195A) & (AE 172B + ENGR 195B)

2) Technical Elective Courses: Select One ☐ AE110 (Space Systems Engr. ☐ AE 142 (Astrodynamics) ☐ AE166 (Rocketry) ☐ AE 173(UAV Design)

ABOUT SJSU Studies Area S &V: *To satisfy GE areas S & V student must complete **all** course in selected capstone option.*

Disclaimer: This chart is only a reference and not an official document from the college/department. Always consult your with major advisor

Revised: Summer 2018 /Original by: MESA Engineering Program-SJSU (2014)