MESA Engineering Program—SJSU

**Remedial Core GE Fall 2017 Catalog Industrial & Systems Engineering (120 units)**

ENGL 1AS (3)

**ENGL 1B** (3) +

Core GE & WST

ENGR 100W (3)

(GE Area Z + R)

ISE 151 (3)

ENGL 1AF (3)

**English**

**ENGL 1A** (3)

CHEM 1A

(5)

ISE 131 (3)

1

Math 3A (4)

**Mathematics**

Math 30 (3)

**Math 19 + 19W** (6)

or

Math 30P/PL

(5)

+ workshop (1)

Math 6A (3)

MATE 25 (3)

PHYS 50 (4)

ISE 135(3) 

5

ISE 120 (3) 

6

ISE 195A (3)

PHYS 51 (4)

ISE 115 (3)

ENGR 8 (1)

**GE Check List:**

**General Education Engineering**

Basic Skills (9 units)

A1: (3)

A2: (3)

* A3: \* Pending Degree \*(3)

Humanities (9 units)

C1: (3)

C2: ENGL 1B 3)

C3: (3)

Social Science (9 units)

3

Math 32 (3)

2

Math 123 (3)

ISE 105 (3)

**Math 31 (4)**

ISE 102 (3)

4

**ISE 130 (3)**

CMPE 30 

**ENGR 10** (3)

(GE Area E)

CMPE 30↗

6

ISE 167 (3)

ISE 170 (3)

ISE 140 (3)

7

ISE 195B (3)

# KEY:

ISE 155 (3)

D1: (3)

D2: (3)

D3: (3)

Human Dev. (9 units)

E: \* Engineering 10 \*(3)

Social Science (9 units)

US1: (3)

US2: (3)

US3: (3)

Pre‐requisite Co‐requisite

CMPE 30 (3) 

ME 20 (2)

# Critical Path Additional Requirements:

ISE 135↗

ISE 194 (1)

CMPE 131 (3)

ISE 142 (3)

ISE 120

ENGR 10 Pre‐Requisite English 1A Readiness Required Math 19 Readiness Required **Generals Education**

Technical Elective Courses: (6 units)

SJSU Studies: (9 units) **R&Z**: ENGR 100W (3) **S**: (3) **V**: (3)

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

Revised: Summer 2017/Prepared by: MESA Engineering program—SJSU (2014)