

Last updated 06/28/11. The information in this guide is subject to change. SJSU requires additional lower division courses beyond those listed or articulated. Please review a current SJSU catalog and consult with a counselor. The most recent articulation information is available at www.assist.org.

SJSU Courses	SRJC Courses	Aero	Chem	Civil	Comp	Elec	Gen	Gen/Bio	Ind	Mat	Mech	Soft
Chemistry												
A general chem course *	CHEM 1A or 1B or 4A or 4B *	X		X	X	X	X		X		X	
CHEM 1A+1B**	CHEM 1A/1B or 4A/4B **		X	X***				X		X		
Computer Science												
CMPE 30 or 46 or SE 46A	CS 10				X	X	X	X	X			X
CMPE 50 or SE 46B	CS 11				X							X
Engineering												
CE 8	SURV 50			X								
EE 97 &/or 98	ENGR 16	X	X	X	X	X	X	X	X	X	X	
ME 20	ENGR 25 or APTECH 46	X		X ++					X		X	
CE 99	ENGR 34	X	X				X	X		X	X	
MATE 25	ENGR 45	X	X	X			X	X	X	X	X	
Mathematics												
MATH 30	MATH 1A	X	X	X	X	X	X	X	X	X	X	X
MATH 31	MATH 1B	X	X	X	X	X	X	X	X	X	X	X
MATH 32	MATH 1C	X	X	X	X	X	X	X	X	X	X	X
MATH 133A	MATH 2 +	X	X	X		X	X	X		X	X	X
MATH 42	MATH 4				X							X
MATH 129A	MATH 5 +	X		X***			X	X				X
MATH 123	MATH 2+5 +				X				X			
Physics												
PHYS 50	PHYS 40	X	X	X	X	X	X	X	X	X	X	X
PHYS 51	PHYS 42	X	X	X	X	X	X	X	X	X	X	X
PHYS 52	PHYS 41	X	X	X	X	X	X	X	X	X	X	
PHYS 53	PHYS 43	X				X					X	
Courses with no equivalent at SRJC												
CE 20	<i>Engr Graphics, CAD</i>			X ++								
CE 95	<i>Theory & Appl of Statics</i>			X								
ENGR 10	<i>Intro to Engr (3 units)</i>	X	X	X	X	X	X	X	X	X	X	
ME 19	<i>Graphics for Engr</i>				X							
ME 30	<i>Computer Applications</i>	X		X ++							X	
ME 41	<i>Machine Shop Safety</i>										X	

Aero	Aerospace Engineering
Chem	Chemical Engineering
Civil	Civil Engineering
Comp	Computer Engineering
Elec	Electrical Engineering
Gen	General Engineering
Gen/Bio	General Engineering, Concentration in Bioengineering
Ind	Industrial & Systems Engineering
Mat	Materials Engineering
Mech	Mechanical Engineering
Soft	Software Engineering

* These majors require completion of only one semester of general chemistry, in lieu of CHEM 1A taken at SJSU.

** Chemical, General/Bioengr, and Materials: CHEM 1A/1B or 4A/4B sequence must be completed at same transfer school.

*** Civil: Choose from CHEM 1B or MATH 5.

+ MATH 2 and 5 will receive content credit upon transfer to SJSU, but not upper division credit.

++ Civil: Choose CE 20 or ME 20+ME 30 (only ME 20 is articulated).

Engineering majors are not required to complete General Education Area A3 (Critical Thinking).

(Please see a counselor about how this may affect completion of GE requirements for an associate degree at SRJC.)

ENGL 1B or 5 or PHIL 5 or SPCH 9 will satisfy the prerequisite to upper division writing required for graduation at SJSU.

SJSU also requires 2 units of PE in at least two different activities for graduation.