Science, Technology, Engineering, Math (STEM)

Student Education Plan – First Semester

First Name:	Last Name:
Solano Student ID#:	Major:
Educational Goal:	GE Option:

	Yes	No
ENGL 001		
LR 010 – **Must** be taken with ENGL 001		
ENGL 310D – Suggested if overall HS GPA is 2.6 or below unless Jr/Sr English grades of B or better		
MATH 020, MATH 051, MATH 004 (see notes below)		
CHEM 001 or CHEM 160 (take CHEM 160 if no high school chemistry with a C or better)		
Other – Please specify		

Counselor Name (if known):	Date:

For Counselor Use Only - Notes:

MATH 020 – Analytic Geometry and Calculus I
Must have completed high school Precalculus or Calculus with a grade of C or better to enroll.

MATH 051 – Trigonometry
Required if Precalculus was not completed in high school with a grade of C or better. Next take MATH 002 (Algebra for Calculus) to complete the Pre-Calculus requirement for Math 020

MATH 004 - Precalculus and Trigonometry
For students who have passed Algebra 2, Intgd Math 3 in HS and have an overall GPA of 3.4 or higher
A comprehensive study of mathematics that is prerequisite to the calculus sequence. Topics included are: the study of polynomial, absolute value, radical, rational, exponential, and logarithmic functions, analytic geometry, and polar coordinates. The study of trigonometric functions, their inverses and their graphs, identities and proofs related to trigonometric expressions, trigonometric equations, solving right triangles, solving triangles using the Law of Cosines and the Law of Sines, and introduction to vectors.