Engineering Magnet
Project Lead The Way©
Sample Four Year Plan

Freshman Year	Sophomore Year	Junior Year	Senior Year
Theology 1	Theology 2	Theology 3	Theology 4
English 1	English 2	English 3	English 4
***Geometry	*Algebra 2	*Pre-Calculus	* Calculus
*Biology	*Chemistry	*Physics	*Science
First Year Sem/Health	World History	US History	American Gov/Economics
World Language 1	World Language 2	Fine Art	PE
***Intro to Engineering H**	***Principles of Engineering H**	***EMP Elective**	***EMP Elective**

Sample EMP Four Year Plan for: Student Athlete, Artist or SERP

This plan is for students who want to take extra classes in the above subject areas

Freshman Year	Sophomore Year	Junior Year	Senior Year
Theology 1	Theology 2	Theology 3	Theology 4
English 1	English 2	English 3	English 4
***Geometry	*Algebra 2	*Pre-Calculus	*Calculus
*Biology	*Chemistry	*Physics	*Science
First Year Sem/Health (summer)	World History (online or summer)	US History (online or summer)	American Gov/Econ (online or summer)
World Language 1	World Language 2	World Language 3 (recommended)	World Language 4 (recommended)
***Intro to Engineering H**	***Principles of Engineering H**	***EMP Elective**	***EMP Elective**
**PE Sport Class, Fine Art or SERP	**PE Sport Class, Fine Art or SERP	**PE Sport Class, Fine Art or SERP	**PE Sport Class, Fine Art or SERP

*All *EMP courses* need to be taken in class

**Extra fees required

***Alternatively, freshmen who only qualify for Algebra 1 Honors may still enroll in EMP, but must be eligible for Algebra 2 or Algebra 2 H by the beginning of their sophomore year. Options included taking Geometry concurrently with Algebra 1 Honors or taking Geometry in summer school.

JSerra Graduation Requirements

To graduate from JSerra Catholic High School, students must successfully complete a minimum of 270 credits. Successful completion of course work must include the following requirements with a semester grade of C or greater:

Theology	4 years	40 credits*
English	4 years	40 credits
Mathematics	3 years	30 credits
Science	3 years	30 credits
Social Science	3 years	30 credits
World Language*	2 years	20 credits
Arts	1 year	10 credits
Health	1/2 year	5 credits
First Year Seminar	1/2 year	5 credits*
Physical Education	2 years	20 credits
Electives		40 credits*
Credits required to graduate		270 credits**

* First Year Seminar is not required for transfer students.

* Previous Theology credits will be waived for transfer students coming from public schools.

*International Students are exempt from world language requirements. However, green card holders still need to complete all graduation requirements.

*Electives can be met by taking courses over the minimum requirements (i.e. taking a fourth year of science can count towards elective credits).

**A Christian service component (80 hours) is required for graduation. Transfer students are required to do 10 hours per semester they attend JSerra.

All students must remediate any D's and/or F's in order to graduate from JSerra.