



MyTrack[®] Engineering is a four-year program for students with a serious interest in the field of engineering and those who want to establish a sound academic foundation for a college engineering program upon high school graduation.

ENGINEERING

PREMIER CURRICULUM SEQUENCE for MyTrack Engineering

FRESHMAN YEAR

1. Christian Life/Scriptural Foundation
2. English 9
3. World History
4. Algebra I or higher
5. Biology
6. Freshman Orientation/Lab
7. World Language I
8. Introduction to Computer Science/
Fine Arts Elective
or Fundamentals of Programming/Applied
Programming: Gaming/VR

SOPHOMORE YEAR

1. Christology/Paschal Mystery
2. English 10
3. United States History
4. Geometry or higher
5. Science
6. Health/Lab
7. World Language II
8. Elective

JUNIOR YEAR

1. Ecclesiology/Sacraments
2. English 11
3. Math (at least Algebra II/Trig)
4. Science
5. Lab/Physical Education or Study Hall
6. Pre-Engineering I
7. World Language/Elective
8. Science/Elective

SENIOR YEAR

1. Morality/Catholic Social Teaching
2. English 12
3. Government + Study Hall or Elective
4. Math (at least Math Analysis; Calculus preferred)
5. Physics (if not already taken)
6. Elective or Lab/Physical Education or Study Hall
7. Pre-Engineering II
8. World Language/Elective

MyTrack Engineering provides career exploration and professionalism experiences including a career speaker series, mock interviews and external shadowing. Additional enrichment activities may be recommended by the MyTrack Engineering Moderator.

MyTrack Engineering is fully compatible with the requirements of the MedTrack program. There is also a pathway to enter MyTrack Engineering after fulfilling the minimum two-year commitment to musical performance.

Questions?

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ELECTIVES

- Pre-Engineering I
- Pre-Engineering II

Some elective slots grade 11 & 12 will need to be used to fulfill the requirement for Social Studies and Science, as well as provide the option for World Language level III and higher.

Students considering AP Physics grade 12 must take Honors Physics in grade 11.

Honors students should consider one of the AP science offerings: Physics C, Biology or Chemistry to dive deeper into a tentative Engineering career field.