



MyTrack<sup>®</sup> Engineering is a four-year program for students with a serious future career interest in the field of engineering and those who want to pursue 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/The Revelation of Christ in Scripture (Core I)
2. English 9
3. World History
4. Algebra I or higher
5. Biology
6. Freshman Orientation/Lab
7. Foreign Language I
8. Introduction to Computer Science & Fine Arts Elective

### SOPHOMORE YEAR

1. Who is Jesus Christ? (Core II)/The Mission of Jesus Christ (Core III)
2. English 10
3. United States History
4. Geometry or higher
5. Science
6. Health/Lab
7. Foreign Language II
8. Elective

### JUNIOR YEAR

1. Jesus Christ's Mission Continues in the Church (Core IV)/Sacraments as Privileged Encounters with Jesus Christ (Core V)
2. English 11
3. Math (at least Algebra II/Trig)
4. Science
5. Lab/Physical Education or Study Hall
6. Elective
7. Elective
8. Elective

### SENIOR YEAR

1. Life in Jesus Christ (Core VI)/Living as Disciples of Jesus Christ in Society (Elective C)
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. Elective
8. 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 or the MyTrack Director.

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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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 Foreign 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.