



MyTrack[®] Computer Science is a four-year program providing a variety of exploration focused opportunities for students interested in the field of Computer Science including programming, engineering and technology.

COMPUTER SCIENCE

PREMIER CURRICULUM SEQUENCE for MyTrack Computer Science

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. Math
5. Science
6. Health/Lab
7. Foreign Language II
8. AP Computer Science Principles

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. Fundamentals of Programming & Applied Programming: Gaming/VR
5. Study Hall or Elective
6. Lab/Physical Education or Study Hall
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. AP Computer Science A
6. Elective or Lab/Physical Education or Study Hall
7. Elective
8. Elective

MyTrack Computer Science provides career exploration and professionalism experiences including a Career Speaker Series, Mock Interviews and External Shadowing. Additional enrichment activities such as Robotics Club and Technology Competitions may be recommended by the MyTrack Computer Science Moderator or the MyTrack Director.

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

Questions?

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ELECTIVES

- Introduction to Computer Science
- Fundamentals of Programming
- Applied Programming: Gaming/VR
- Advanced Placement/Honors Computer Science Principles
- Advanced Placement/Honors Computer Science A

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.

AP Computer Science Principles and AP Computer Science A are highly recommended.