

COLLEGE & CAREER TRACKS

Saint John Paul II Academy has a rigorous curriculum designed to prepare students for college, careers, and lifelong learning. High School is not too early for students to start preparing academically for careers. Students' high school curricular choices provide the focus and foundation of academic skills and knowledge needed to pursue specific majors in college. We encourage students to choose courses, electives, and extra-curricular activities that connect their education and provide a pathway to these career and college opportunities. Students are encouraged to explore career fields through their volunteer service activities. Students should also investigate summer internships, seminars, and programs that offer hands-on learning opportunities as well as opportunities to interact with professionals in their field of interest.

PRE-MEDICINE, HEALTH AND BIOSCIENCES TRACK

With the advances in medical knowledge and technology and greater public awareness of health issues, there is a growing demand for a variety of health-care service professionals. Saint John Paul II Academy students may pursue such varied careers, including nurses, doctors, dentists, pharmacists, research scientists, forensics, psychologists, athletic trainers, nutritionists, physical therapists, dental hygienists, and various specialty technicians.

In addition to the standard graduation requirements, pre-medicine students are advised to take the following courses:

- Anatomy & Physiology Honors
- AP Biology
- AP Chemistry
- Physics
- Physics I Honors
- Pre-Calculus Honors
- Calculus I Honors
- AP Calculus AB
- Latin I, Latin II Honors, Latin III Honors

Other elective courses to consider:

- Probability & Statistic Honors
- AP Computer Science Principles
- AP Calculus BC
- Spanish III Honors, Spanish IV Honors
- AP Spanish Language
- Psychology I & II
- AP Psychology

PRE-ENGINEERING, TRANSPORTATION, CONSTRUCTION TRACK

Advances in science and technology mean growing opportunities in engineering, construction, infrastructure, and transportation. Sample careers in engineering include aerospace, civil, industrial, architectural, petroleum, and electrical. In addition to engineers, other jobs include air traffic controllers, pilots, construction supervisors, project managers, environmental scientists, regional planners, and other specialty technicians.

In addition to the standard graduation requirements, pre-engineering students are advised to take the following courses:

- Pre-Calculus Honors
- Probability & Statistics Honors
- Calculus I Honors
- AP Calculus AB
- AP Calculus BC
- Physics
- Physics I Honors
- AP Chemistry
- Environmental Science Honors

Other electives to consider:

- AP Biology
- AP Computer Science Principles
- Dual Enrollment Microcomputer Applications
- Dual Enrollment Introduction to C++ Programming
- Foundations of Programming
- American Economic Experience Honors
- Business and Entrepreneurial Principles
- AP Human Geography
- AP Computer Science A

PRE-BUSINESS TRACK

Business careers will continue to expand the use of informational technology. Business and Information Technology careers include accounting, financial services, management, marketing, business administration, human resources, software development, and hardware operations and development.

In addition to the standard graduation requirements, pre-business students are advised to explore the following courses:

- Pre-Calculus Honors
- AP Calculus AB
- Calculus Honors
- Probability & Statistics Honors
- Spanish III Honors, Spanish IV Honors
- Dual Enrollment Microcomputer Applications
- Dual Enrollment Introduction to C++ Programming
- Foundations of Programming - Honors
- American Economic Experience Honors
- Business and Entrepreneurial Principles
- AP Computer Science Principles
- Dual Enrollment Web Page Design

Other elective courses for consideration include the following:

- International Relations Honors
- World Geography
- AP Human Geography
- AP Spanish Language IV
- AP Calculus BC
- Digital Design
- Psychology I & II
- AP Psychology
- Creative Writing
- Speech & Debate
- Journalism/Yearbook Honors

PRE-LAW TRACK

Legal careers are available in every industry. Students interested in a career in law or politics, criminal justice, community service, or social justice should pursue rigorous courses that require reading, develop persuasive writing and research skills as well as critical thinking. Students should develop an awareness and a broad understanding of national and international events.

In addition to the standard graduation requirements, pre-law students are advised to take the following courses:

- AP Language and Composition
- AP Literature and Composition
- AP World History
- AP American History
- AP US Government and Politics
- American Economic Experience Honors
- Latin I, Latin II Honors, Latin III Honors
- Spanish III & IV Honors
- International Relations II Honors

Other elective courses to consider include the following:

- Creative Writing I, II
- Speech
- Debate
- AP Spanish Language IV
- Psychology
- AP Psychology
- Journalism/Yearbook Honors
- Dual Enrollment Christian Community