

COLLEGE & CAREER ACADEMIES OF PROVISO WEST | PROGRAMS OF STUDY

The following Programs of Study are available at Proviso West. Please review both the name of the Program of Study AND the courses within it. You will be committing to a Program of Study that you will follow and complete during the next three years at Proviso West. We will make every effort to place you in your top choice Program of Study.

Wellness & Society Academy

PROGRAM OF STUDY: Allied Health

Career Path: Health Services | Career Cluster: Health Science

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses:
 - Anatomy & Physiology
 - Psychology
 - Sociology
- Recommended elective:
 - AP Chemistry
 - AP Biology
 - Technical Math (Nursing) or College Prep Math (Pre-Med)
- Optional Dual Credit at Triton College:
 - Introduction to Patient Care (AHL 100)
 - Ethics & Law for Allied Health Professionals (AHL 102)
 - Essentials of Medical Terminology (AHL 103)
 - Basic Pharmacology (AHL 103)
 - Emergency Medical Technician (EMS 131)
 - Basic Nurse Assistant (NAS 100)
 - Nurse Assistant – Care of Patients (NAS 101)
- *Recommendation: Students in Allied Health should challenge themselves by taking Honors and/or AP coursework, particularly in science and math. Two years of the same world language is also encouraged.*

PROGRAM OF STUDY: Criminal Justice & Legal Services

Career Path: Human Services | Career Cluster: Law, Public Safety, Corrections & Security

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses:
 - Law & Society
 - Forensic Science
 - Psychology
 - Sociology
- Recommended elective:
 - AP Psychology
 - AP Government
- Optional Dual Credit at Triton College:
 - Police & Community Relations (CIA 148)
 - Criminal Investigation (CIA 166)
- *Recommendation: Students in Criminal Justice & Legal Services should challenge themselves by taking Honors and/or AP coursework, particularly in social sciences. Two years of the same world language is also encouraged.*

PROGRAM OF STUDY: Early Childhood Education (PreK)

Career Path: Human Services | Career Cluster: Education & Training

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses:
 - Child Development
 - Early Childhood Education I/II
- Optional Dual Credit taken at Triton College:
 - Early Childhood Development (ECE 110)
 - Intro to Early Childhood Education (ECE 111)
- *Recommendation: Students in Early Childhood Education should challenge themselves by taking Honors and/or AP coursework, particularly in social sciences. Two years of the same world language is also encouraged. Students are also encouraged to take College Prep Math.*

PROGRAM OF STUDY: Future Teachers (Grades K-12)

Career Path: Human Services | Career Cluster: Education & Training

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Optional Introduction Course:
 - Child Development
- Required Dual Enrollment through Dominican University taken at PWHS (begins 10th grade year):
 - Foundations to Education (EDUC 200)
 - Introduction to Teaching Methods
 - Instructional Technology
 - Practicum

Recommendation: Students in the Future Teachers program should challenge themselves by taking Honors and/or AP coursework, particularly in social sciences. Two years of the same world language is also encouraged. Students are also encouraged to take College Prep Math.

Wellness & Society Academy

PROGRAM OF STUDY: Family, Community, & Mental Health Services

Career Path: Human Services | Career Cluster: Human Services

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses
 - Law & Society
 - African American History
 - Latin American History
 - Psychology
 - Sociology
- Recommended elective:
 - AP Psychology
- Optional Dual Credit at Triton College:
 - Child, Family, & Community (ECE 146)
- *Recommendation: Students in Family, Community & Mental Health Services should challenge themselves by taking Honors and/or AP coursework, particularly in social sciences. Two years of the same world language is also encouraged. Students are also encouraged to take College Prep Math.*

PROGRAM OF STUDY: Hospitality & Culinary Arts

Career Path: Human Services | Career Cluster: Hospitality & Tourism

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses:
 - Nutrition and Culinary Arts
 - Culinary Occupations 1
 - Culinary Occupations 2
- Optional Dual Credit at Triton College:
 - Culinary Mathematics (HIA 100)
 - Introduction to Hospitality Industry (HIA 110)
 - Food Sanitation & Safety (HIA 115)
 - Dining Room Service (HIA 120)
 - Cake & Pastry Decoration (HIA 127)
 - Introduction to Baking & Pastry (HIA 128)
 - Culinary Arts – Quantity Food Prep (HIA 130)

Technology & Innovation Academy

PROGRAM OF STUDY: Advanced Manufacturing

Career Path: Industrial & Engineering Technology | Career Cluster: Manufacturing

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses:
 - Introduction to Engineering Design OR Foundations of Technology
 - Mastery of Metals – Manual Mill & Lathe
 - Mastery of Metals – CNC Design
- Optional Dual Credit at Triton College:
 - Intro to Manufacturing (ENT 100)
 - Fabrication Processes (ENT 116)
 - CNC 1 (ENT 117)
- *Recommendation: Students in Advanced Manufacturing should challenge themselves by taking Honors and/or AP coursework, particularly in math and science. Students are also encouraged to take Technical Math.*

PROGRAM OF STUDY: Automotive Technology

Career Path: Industrial & Engineering Technology | Career Cluster: Transportation, Distribution & Logistics

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses
 - Foundations of Technology
 - Automotive Technology I
 - Automotive Technology II
- Optional Dual Credit at Triton College:
 - Intro to Automotive Technology (AUT 112)
 - Fuel Management Systems (AUT 114)
 - Automotive Electricity & Electronics (AUT 127)
 - Brake & Chassis Repair (AUT 136)
 - Automotive Power Plants (AUT 150)
- *Recommendation: Students in Automotive Technology should challenge themselves by taking Honors and/or AP coursework, particularly in math and science, though students are encouraged to take Technical Math.*

Technology & Innovation Academy

PROGRAM OF STUDY: Computer Programming

Career Path: Business, Management & Technology | Career Cluster: Information Technology

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses:
 - AP Computer Science Principles
 - AP Computer Science A
 - Advanced Concepts in Computer Science
- Optional Dual Credit at Triton College:
 - Introduction to Programming (CIS 121)
 - Computer Systems Applications (CIS 150)
- *Recommendation: Students in Computer Programming & Cybersecurity should challenge themselves by taking Honors and/or AP coursework, particularly in math and science.*

PROGRAM OF STUDY: PLTW Project Lead the Way

Career Path: Industrial & Engineering Technology | Career Path: Science, Technology, Engineering & Math

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses:
 - Introduction to Engineering Design OR Foundations of Technology
 - Principles of Engineering
 - Computer-Integrated Manufacturing
 - Engineering Design & Development
- Optional Dual Credit at Triton College:
 - Introduction to Manufacturing (ENT 100)
 - Production Drawing & CAD (ENT 110)
 - Introduction to Mechanical AutoCAD (ENT 252)
 - Autodesk Inventor, Design & Rendering (ENT 255)
- *Recommendation: Students in Project Lead the way should challenge themselves by taking Honors and/or AP coursework, particularly in math and science.*

PROGRAM OF STUDY: Web Design

Career Path: Business, Management & Technology | Career Cluster: Information Technology

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses:
 - Digital Technology & Software
 - Web Design & Media Development I
 - Web Design & Media Development II
- Optional Dual Credit at Triton College:
 - Graphic Design (VIC 100)
 - Computer Art I (VIC 104)
 - Introduction to Quark/InDesign (VIC 121)
 - Introduction to Photoshop (VIC 161)
- *Recommendation: Students in Web Design should challenge themselves by taking Honors and/or AP coursework, particularly in math and science.*

Global Business Academy

PROGRAM OF STUDY: Business Administration & Marketing

Career Path: Business, Management & Technology | Career Cluster: Business Management & Administration

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses:
 - Business Communications
 - Entrepreneurship
- Seniors will select from the following:
 - Public Speaking
 - Business Law
 - Accounting
 - Advanced Marketing
- Optional Dual Credit at Triton College:
 - Principles of Effective Speaking (SPE 101)
 - Microsoft Office in Business Applications (BUS 107)
- *Recommendation: Students in Business Administration & Marketing should challenge themselves by taking Honors and/or AP coursework, particularly in English, math, science, and/or social sciences. Two years of the same world language is required for an International Business endorsement but is also encouraged for any other Business program of study.*

PROGRAM OF STUDY: Global Communications – Spanish or French

Career Path: Human Services | Career Cluster: Human Services (also applies in many other areas)

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses (placement is assigned based upon proficiency):
 - Spanish or French I
 - Spanish or French II
 - Spanish or French III
 - AP Spanish Language & Culture or AP French Language & Culture
 - AP Spanish Literature & Culture or AP French Literature & Culture
- Recommended Courses:
 - Public Speaking
 - Multicultural Literature
- Optional International Baccalaureate courses (*offered on a limited basis*):
 - Language B – Spanish or French
- *Recommendation: Students in Global Communications should challenge themselves by taking Honors and/or AP coursework, particularly in English, math, science, and/or social sciences.*

PROGRAM OF STUDY: Music Performance – Band or Choir

Career Path: Arts & Communication | Career Cluster: Arts, A/V Technology, & Communications

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses - Band:
 - Beginning Band OR Concert Band
 - Marching Band
- Required Courses – Choir:
 - Beginning Chorus
 - Chorus 2
- Optional Dual Credit at Triton College:
 - Electronic Music Production (MUS 101)
 - Record Production (MUS 120)
 - Introduction to Music History (MUS 215)
- *Recommendation: Students in Music Performance – Band or Choir should challenge themselves by taking Honors and/or AP coursework. Two years of the same world language is also encouraged.*

PROGRAM OF STUDY: Visual Arts - Drawing/Painting, Ceramics, or Digital Photography

Career Path: Arts & Communication | Career Cluster: Arts, A/V Technology, & Communications

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses (Art, Drawing/Painting, 3-D Sculpture/Ceramics):
 - Art Foundations
 - Drawing & Painting OR Ceramics 1 and 2
 - Advanced Studio or 3-D Sculpture
 - AP Art Studio
- Required Courses (Photography):
 - Art Foundations
 - Digital Photography Studio
 - Digital Imaging
- Optional Dual Credit at Triton College:
 - Introduction to Illustrator (VIC 142)
 - Graphic Design (VIC 100)
 - Computer Art 1 (VIC 104)
- *Recommendation: Students in Visual Arts should challenge themselves by taking Honors and/or AP coursework. Two years of the same world language is also encouraged.*

Global Business Academy

PROGRAM OF STUDY: Cosmetology/Barber

Career Path: Human Services | Career Cluster: Human Services

All sophomores will be assigned an English, Integrated Math II, and Chemistry course within their Academy Program of Study.

- Required Courses:
 - Health and Driver Ed (World Language recommended)
 - Cosmetology OR Barber (World Language recommended)
 - Cosmetology OR Barber
- *Recommendation: Students in Cosmetology/Barber program should challenge themselves by taking Honors and/or AP coursework.*