



The College & Career Academies of Proviso West

2019-2020 Course Enrollment Guide

TO BEGIN THE ENROLLMENT PROCESS:

- Go to <http://west.pths209.org>
- Click 'Academics' at the top of the page
- Click 'College & Career Academies' from the drop down list under 'Academics'
- Click the red box on the left of the 'College & Career Academies' page that says '2019-2020 Enrollment & Academy Declaration'
- Read the information below before you begin.

WHAT IS A COLLEGE & CAREER ACADEMY?

In the fall of 2019, Proviso West High School will be transformed into career academies. The College & Career Academies of Proviso West will prepare students to confidently pursue the postsecondary training and career path of their choosing in a globally competitive society. Driven by student interest and workforce projections, our Academies provide access to authentic, hands-on learning experiences that cultivate social and emotional well-being through teamwork, critical thinking, collaboration, and creativity. Within the Academies, all students choose an interdisciplinary program of study comprised of academically rigorous core subjects and specialized courses in their career area. Academy teachers incorporate real-world examples into coursework for students that is relevant to their program of study. Upon successful completion of specialized coursework and proficiency evaluation, students have an opportunity to earn certifications and/or endorsements in select career and technical pursuits. Students will progress through their Academy with peers who share similar interests and a common team of teachers, which builds camaraderie and a culture of belonging.

The College & Career Academies of Proviso West are divided into the following personalized learning communities:

Freshman Success Academy (FSA)

Mission: The Freshman Success Academy fosters a successful transition to high school through a variety of academically rigorous and socially nurturing learning opportunities that develops a student's sense of agency and provides the necessary knowledge base and skills required to thrive in high school and beyond.

Wellness & Society Academy (WSA)

Mission: The Wellness & Society Academy prepares students to provide culturally aware and socially responsible care for humanity through careers in education, health sciences, and wellness.

Career Clusters within WSA:

Education & Training | Government and Public Administration | Health Services | Hospitality & Tourism | Human Services | Law, Public Safety, Corrections & Security

Technology & Innovation Academy (TIA)

Mission: The Technology & Innovation Academy develops students with the leading-edge skills and spirit of inquiry required for careers that address complex scientific and societal issues.

Career Clusters within TIA:

Architecture & Construction | Information Technology | Science, Technology, Engineering & Math | Transportation, Distribution, & Logistics

Global Business Academy (GBA)

Mission: The Global Business Academy cultivates enterprising students who possess the creative communication ability and entrepreneurial spirit necessary for careers in a globally competitive society.

Career Clusters within GBA:

Arts, AV Technology & Communications | Business Management & Administration | Finance Marketing

WHAT IS A PATHWAY AND A PROGRAM OF STUDY?

By completing career aptitude and interest inventories in Naviance and participating in career enrichment exploration, students will chart their unique career pathway during ninth grade and explore career choices available after graduation from high school. A pathway, or Program of Study, is a sequence of courses within a chosen Academy designed to help students prepare for a specific career area while meeting the mandatory requirements for high school graduation.

HOW DOES IT WORK?

For many students, career exploration begins in middle school and then continues into a student's freshman year. PWHS students have the opportunity to further explore careers before selecting an Academy and program of study to pursue during their high school career.

WHAT DO ACADEMIES OFFER?

- Relevant and rigorous curriculum and instruction
- Increased community and business engagement
- Opportunities for students to attain professional certifications during high school
- 21st century skills such as leadership, civic literacy, social responsibility, global and cultural awareness, communication, problem solving, and technological literacy
- Opportunities to form closer relationships with teachers and advisors
- Practical work experience through experiential learning such as job shadowing and internships
- Opportunities to learn in the context of an industry or subject theme
- Preparation for career success through both formal education and life experience

WHAT IS EXPERIENTIAL LEARNING?

The experiential learning model is a yearly focus of preparation for students as they navigate their high school career. Starting freshmen year, students will attend a Career Expo in which they are exposed to all different kinds of employers that will allow them to engage in meaningful conversations about the kind of education and experiences they will need for that profession. Students will also have an opportunity to visit a postsecondary college or university. During sophomore year, students will attend coordinated learning experiences to area employers for which they have an interest in a particular profession. Students will also participate in a workplace readiness skills workshop. During their junior year, students will have an opportunity to take dual credit courses, participate in job shadowing, and take courses that lead towards certification. In their senior year, students will continue in dual credit options and courses that lead towards certification as well as getting involved in internships and working on capstone projects.

I AM ON TRACK TO GO TO COLLEGE. WHY DO I NEED CAREER-FOCUSED LEARNING OPPORTUNITIES?

The Academy model is designed to prepare all students for a successful future - whether that includes postsecondary education or a direct path to a career. Students who want to go to college will have opportunities to

take advanced coursework, earn college credit and explore careers. When it's time to head to college, these opportunities and experiences will ensure you are successful.

HOW DO I CHOOSE A COLLEGE & CAREER ACADEMY?

Choosing a College & Career Academy can be an overwhelming task, but don't stress – your Freshman Success Coach, Counselor, teachers, and parents are all on your team! For the 2019-2020 course enrollment process, students will review the different College & Career Academies and programs of study through career exploration assessments in Naviance and also through attendance at the Career Expo, field trips, and speakers.

PLEASE REVIEW THESE STEPS TO HELP DECIDE WHICH COLLEGE & CAREER ACADEMY IS RIGHT FOR YOU:

STEP 1: Identify your interests.

Identifying your interests (including the programs of study/future careers that interest you) will guide you to the best Academy for you. For example, do you enjoy building things, solving puzzles, learning about cars, and working with tools? Then the Technology & Innovation Academy may be right for you!

Need some insight or guidance into your career interests? Log in to your Naviance account by clicking here: <https://student.naviance.com/provisowhs> and enter your username using the following format:

Username: PW+ID number (Example: if your ID is 425102, your username is PW425102)

Password: Panthers2019

STEP 2: Review options for your Career Academy Program of Study.

Review the program of study descriptions located on pages 4 - 6 and determine what best fits your interests.

STEP 3: Select your classes.

In addition to selecting a program of study, you may have options within some of your core classes to take classes with specialty topics. Consult your Counselor for the options within your Academy.

WHAT IF I CHANGE MY MIND?

You will be exposed to a great deal of information through your career exploration activities, interest inventories, the Career Expo, from your Freshman Success Coach, Counselor, faculty members, and family members. This will prepare you to make an informed decision about your College & Career Academy. Students are allowed to change their Academy selection once during their sophomore year. For upperclassmen who have already completed courses in a program of study (ex: you have been taking PLTW courses for the last 3 years), you will continue in your present program of study.

WELLNESS & SOCIETY ACADEMY (WSA)

Mission: The Wellness & Society Academy prepares students to provide culturally aware and socially responsible care for humanity through careers in education, health sciences, and wellness.

Career Clusters within the Wellness & Society Academy:

Career Cluster	Description
<i>Agriculture, Food & Natural Resources</i>	The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
<i>Education & Training</i>	Planning, managing, and providing education and training services, and related learning support services.
<i>Government and Public Administration</i>	Planning and performing government functions at the local, state, and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations.
<i>Health Services</i>	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.
<i>Hospitality & Tourism</i>	The management, marketing, and operations of restaurants and other food services, lodging, attractions, recreation events, and travel related services.
<i>Human Services</i>	Preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.
<i>Law, Public Safety, Corrections & Security</i>	Planning, managing, and providing legal, public safety, protective services, and homeland security, including professional and technical support.

Programs of study available at Proviso West in the Wellness & Society Academy and potential future career options organized by program of study:

Program of Study at PWHS	Sample Careers
<i>Allied Health</i>	CNA, Nurse, Doctor, Physician Assistant, Surgical Technician, Phlebotomist, Radiologist, Radiology Technician, Anesthesiologist, Physical Therapist, Occupational Therapist
<i>Community, Social & Mental Health Services</i>	Counselor, Social Worker, Therapist, Psychiatrist, Psychologist, Speech Pathologist, Home Care Aide, Funeral Director, Mortician, Personal Aide, Child Life Specialist, Social Services Worker, Employment Counselor
<i>Cosmetology/Barber (space is limited)</i>	Hairstylist, Stylist, Esthetician, Barber, Electrologist, Electrolysis Technician, Nail Technician, Manicurist, Pedicurist, Skin Care Specialist, Spa Attendant
<i>Criminal Justice & Legal Services</i>	Police Officer, Corrections Officer, Detention Deputy, Jail Administrator, Probation/Parole Officer, Public Information Officer Transport Officer, Warden, Youth Services Worker
<i>Early Childhood Education</i>	Childcare Worker, Nanny, Teacher Assistant, Parent Educator, Teacher, Preschool Director, Preschool Teacher
<i>Fashion Design</i>	Fashion Designer, Fashion Illustrator, Buyer, Draper, Garment Technologist, Merchandizer, Stylist, Textile Designer, Personal Stylist
<i>Food Products & Processing Systems</i>	Dietician, Food and Fiber Engineer, Food Scientist, Meat Science Researcher, Quality Control Specialist, Food and Drug Inspector, Food Processor, Meat Cutter, Meat Grader, Meat Processor, Produce Buyer
<i>Governance & Politics</i>	Chief of Staff, Commissioner (County, Parish, City or State Agency), Congressional Aide, Governor, Legislative Aide, Lieutenant Governor, Lobbyist, Mayor, Policy Advisor, President, Federal/State Representative or Senator
<i>Hospitality & Culinary Arts</i>	Caterer, Catering and Banquets Manager, Executive Chef, Food and Beverage Manager, Maître d, Restaurant Owner, Baker, Bartender, Pastry and Specialty Chef, Server, Events Manager/Planner

TECHNOLOGY & INNOVATION ACADEMY (TIA)

Mission: The Technology & Innovation Academy develops students with the leading-edge skills and spirit of inquiry required for careers that address complex scientific and societal issues.

Career Clusters within the Technology & Innovation Academy:

Career Cluster	Description
<i>Architecture & Construction</i>	Using skills in design, planning and management to work in careers building and maintaining structures such as buildings, homes, bridges, or machinery.
<i>Information Technology</i>	Building linkages in IT occupations for entry level, technical and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.
<i>Science, Technology, Engineering & Math</i>	Planning, managing and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.
<i>Transportation, Distribution & Logistics</i>	Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Programs of study available at Proviso West in the Technology & Innovation Academy and potential future career options organized by program of study:

Program of Study at PWHS	Sample Careers
<i>Advanced Manufacturing</i>	Manufacturing Technician, Power Generating and Reactor Plant Operator, Precision Inspector, Tester and Grader, Production Manager, Automated Manufacturing Technician, Calibration Technician
<i>Automotive</i>	Mechanic, Service Technician, Diesel Mechanic, Department of Transportation (DOT) Officer, Environmental Compliance Inspector, Freight Inspector, Motor Vehicle Inspector, Collision Repair Technician, Service Manager
<i>Computer Programming & Software Development</i>	Applications Analyst, Applications Engineer, Computer Engineer, Game Developer, Operating System Designer, Programmer, Software Applications Specialist, Software Design Engineer, Systems Administrator
<i>Project Lead the Way (PLTW) Pre-Engineering</i>	Design Engineer, Electrical and Electronic Technician, Electrical Engineer, Industrial Engineer, Manufacturing Engineer, Chemical Engineer, Nuclear Engineer
<i>Web Design</i>	Multimedia Artists and Animator, Search Marketing Strategist, Video Game Designer, Web Administrator, Web Developer

GLOBAL BUSINESS ACADEMY (GBA)

Mission: The Global Business Academy cultivates enterprising students who possess the creative communication ability and entrepreneurial spirit necessary for careers in a globally competitive society.

Career Clusters within the Global Business Academy:

Career Cluster	Description
<i>Arts, AV Technology & Communications</i>	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
<i>Business Management & Administration</i>	Careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.
<i>Finance</i>	Planning, services for financial and investment planning, banking, insurance, and business financial management.
<i>Marketing</i>	Planning, managing, and performing marketing activities to reach organizational objectives.

Programs of study available at Proviso West in the Global Business Academy and potential future career options organized by program of study:

Program of Study at PWHS	Sample Careers
<i>Communications</i>	News Anchor, Content Manager, Digital Strategist, Media Supervisor, Communications Director, Social Media Coordinator, Communications Assistant, Digital Media Specialist
<i>Entrepreneurship</i>	Business Owner, Business Analyst, Corporate Recruiter, Human Resource Manager, Sales Manager, Lawyer, Financial Analyst, Marketing Manager, Realtor, Management Analyst
<i>Global Communications (Spanish or French)</i>	Linguist, Broadcast Journalist, Diplomatic Service Officer, ESOL Teacher, International Aid Worker, Interpreter, Translator, Import/Export Manager, Political Consultant, Banker
<i>International Business</i>	Economist, Policy Analyst, Interpreter, Stock Broker, Foreign Exchange Trader, Foreign Service Officer, Product Manager, Trade Specialist, Lawyer, Public Relations Specialist
<i>Marketing</i>	Marketing Manager, Advertising Executive, Account Manager, Salesperson, Media Planner, Buyer, Public Relations Coordinator, Art Director, Market Researcher
<i>Music Performance (Band or Choir)</i>	Music Teacher, Musician, Program Director, Audio Engineer, Music Producer, Artist Representative, Accompanist, Agent, Composer/Arranger, Studio Musician, Manager
<i>Visual Arts</i>	Animator, Artist, Filmmaker, Gallery/Museum Curator, Art Historian, Photographer, Illustrator, Photojournalist, Technical Illustrator, Story Editor, Set Designer