



Planning Your Future: Interests by Career Cluster and Job Titles

These career clusters contain occupations in the same field of work that require similar skills. Grouping occupations this way helps focus students' education plans towards obtaining the knowledge, competencies and training for success in a career.

Agriculture, Food and Natural Resources *Production, processing, marketing, distribution, financing, and development of agricultural commodities and resources includes food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.*

- Related Careers:

Veterinarian/Veterinary Technologist and Technician	Forest Ranger
Environmental Engineer	Soil, Plant and Water Scientist/Conservationist
- Related PVM classes: Biology, Chemistry, Physics, Calculus, Business Ownership, Accounting

Architecture and Construction *Designing, planning, managing, building and maintaining of the built environment.*

- Related Careers:

Construction Manager	Architect
Civil Engineer	Interior Designer
Drafter	Laborer - Plumber, Electrician, Framer, HVAC worker
- Related PVM classes: CAD Drawing, Studio in Art, Drawing & Painting, Art Portfolio, Production Systems, Manufacturing Production, Residential Structures, Calculus, Physics, CITI

Arts, Audio/Video Technology and Communications *Designing, producing, exhibiting, performing, writing and publishing of multimedia content including visual and performing arts and design, journalism and entertainment services.*

- Related Careers:

Graphic Designer	Radio and Television Announcer
Musician, Entertainer, and Performer	Makeup Artist
Fashion Designer	Journalist, Writer, Author
- Related PVM classes: Studio in Art, Computer Art I and II, Photography, Graphic Design, Music in Life, Music Theory, Video Editing, Photography, Creative Writing, Video Game Design, Visual Advertising, Sports and Entertainment Marketing, CITI

Business, Management and Administration *Planning, organizing, directing and evaluating of business functions essential to efficient and productive business operations.*

- Related Careers:

Administrative Assistant/Secretary	Sales Manager
Accountant	Sports Team Manager
- Related PVM classes: Computers 4 U, Accounting, Computer Applications Software, Retail Merchandising, Business Ownership & Development, Sports Management, Marketing, Law and Order

Education and Training *Planning, managing and providing education and training services and related learning support services.*

- Related Careers:

School Counselor	School Psychologist
Interpreter and Translator	Professor
School Administrator	Teacher
- Related PVM classes: Computers 4U, Studio in Art, Psychology, Sociology, CITI, Physical Education

Finance *Planning, services for financial and investment planning, banking, insurance and business financial management.*

- Related Careers:

Loan Officer	Accountant
Personal Financial Advisor	Banker
- Related PVM classes: Smart Money, Accounting, College Law & Order, Psychology

Government and Public Administration *Governmental functions including Governance; National Security; Foreign Service, Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.*

- Related Careers:

Urban and Regional Planner	FBI/CIA Agent
Real Estate Appraiser and/or Assessor	Service Person
- Related PVM classes: Sociology, Psychology, Law and Order, Accounting, New Visions

Health Science *Planning, managing and providing therapeutic services, diagnostic service, health informatics, support services, and biotechnology research and developments.*

- Related Careers:

Physician/Physician Assistant	Pediatrician
Nurse	Pharmacist
Physical/Occupational Therapist	Dental Hygienist
Athletic Trainer	Radiology Technician
- Related PVM classes: Physics, Calculus, Psychology, Biology, Chemistry, Anatomy & Physiology, CITI, New Visions, Health, Physical Education

Hospitality and Tourism Management *Management, marketing and operation of restaurants and other food services, lodging, attractions, recreation events and travel related services.*

- **Related Careers:**

Chef	Hotel Manager
Travel Agent	Caterer
- **Related PVM classes:** Business Ownership and Development, Marketing, Visual Advertising, Sports and Entertainment Marketing, Sociology, Psychology, CITI

Human Services *Careers related to serving families and a wide range of human needs.*

- **Related Careers:**

Mental Health Counselor and/or Therapist	Social Worker
Fitness Trainer/Personal Trainer	Cosmetologist
Religious Worker	Childcare Worker
- **Related PVM classes:** Studio in Art, Anatomy & Physiology, Sociology, Psychology, Business Ownership & Development

Information Technology *Careers related to the design, development, support and management of hardware, software, multimedia and systems integrations systems.*

- **Related Careers:**

Network and Computer Systems Administrator	Computer Programmer
Video Game Designer	Cyber Security Worker
- **Related PVM classes:** Video Game Design, Computer Applications Software, Web Design & Social Media, Studio in Art, Computer Art I & II, Graphic Design, Photography, CITI

Law, Public Safety, Corrections and Security *Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.*

- **Related Careers:**

Emergency Medical Technician/Paramedic	Police/Detective/Forensic Specialist
Lawyer	Legal Assistant
- **Related PVM classes:** College Law & Order, Sociology, Psychology, Forensic Science, CITI, New Visions

Manufacturing *Planning, managing and performing the processing of materials into intermediate or final products and related technical support activities such as production planning and control, maintenance and manufacturing/process engineering.*

- **Related Careers:**

Chemical Plant and System Operator	Mechanical Engineering Technician
Computer-Controlled Machine Tool Operator (Metal and Plastic)	Automotive Technician
- **Related PVM classes:** Pre-engineering, Production Systems, Manufacturing Production, Engineering Applications, Calculus, CITI

Marketing, Sales and Service *Planning, managing, and performing marketing activities to reach organizational objectives.*

- **Related Careers:**

Market Research Analyst	Sports Marketer
Sales Representative	
- **Related PVM classes:** Retail Merchandising, Visual Advertising, Sports & Entertainment Marketing, College Marketing, Studio in Art, Graphic Design, Computer Art I & II

Science, Technology, Engineering and Mathematics *Planning, managing, and providing scientific research and services including laboratory and testing services and research and development services.*

- **Related Careers:**

Engineer	Robotics Engineer
Biologist, Chemist, Physicist	Geologist, Meteorologist
Statistician	
- **Related PVM classes:** Design & Drawing for Production, CAD, Pre-engineering, Engineering Applications, Foundations of Technology, Physics, Calculus, Biology, Chemistry, Geology, Meteorology, CITI

Transportation, Distribution and Logistics *Planning, management, and movement of people materials, and goods by road, pipeline, air, rail and water and support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.*

- **Related Careers:**

Airline Pilot
Machine and Vehicle Operator
- **Related PVM classes:** Retail Merchandising, Transportation Systems, Transportation Land, CITI

***English, Social Studies, Math, Science, Foreign Language, Cayuga 101, and the Career Experience courses are suggested for every career cluster.**