



Career pathways are broad groupings of careers that share similar characteristics and whose employment requirements call for many common interests, strengths, and skills.

Why do I need to understand Career Pathways?

At first, these groupings will help you become aware of the thousands of occupations available in a manageable way. As your career pathway exploration continues, along with other activities and learning experiences, you will begin to see areas where your strongest interests lie. Career pathways can provide you with an area of FOCUS, along with FLEXIBILITY and a VARIETY of ideas to pursue as you learn more and establish goals. They can help you see the relevance between your school courses and your developing educational and career goals. The intent is not for you to decide on a specific occupation for the rest of your life, but to select a career pathway/s into which you can begin directing your energies. Identifying a career pathway can help you in selecting school courses, activities, and part-time employment. It can also help guide your participation in work-based learning opportunities.

What are Michigan's Career Pathways?

 Arts & Communications	 Human Services
 Business, Management, Marketing, & Technology	 Engineering, Manufacturing, & Industrial Technology
 Health Sciences	 Natural Resources & Agriscience

Examples of specific careers are given for each career pathway including fast growing and emerging occupations, as well as level of education required, relevant courses in school, and personal characteristics related to success. For example, the type and extent of training may differ for a nurse's aid, a nurse, and a doctor, but all three share certain fundamental requirements and personal characteristics. The pathway identifies the fundamental as well as the specialized academic and occupational training needed to succeed in any of these related fields. One of the best resources to explore career pathways is **Career Cruising** at www.careercruising.com Chippewa Valley Schools purchases this resource for all middle school and high school students, staff, and families. Our license allows you to access it from school or home. For your school's password information, please contact your guidance counselor or the [district's career preparation coordinator](#).



Arts & Communications

Careers related to the humanities & the performing, visual, literary, and media arts.

Do you have some of these characteristics?

- Good writing skills
- Desire for self-expression
- Artistic or creative ability
- Presentation skills
- Organizational ability
- Good time management
- Ability to persuade
- Enjoy computers & technology

Some sample careers include: journalist; architect; animator; film & TV crew; industrial designer; interior designer; jeweler; medical illustrator; artist; musician; producer; graphic designer; interpreter; technical writer; web site designer; actor/dancer/singer



Business, Management, Marketing, & Technology

Careers related to all aspects of business including accounting, business administration, finance, information technology (IT), and marketing.

Do you have some of these characteristics?

- Good math skills
- Enjoy selling or persuading
- Easily use computer programs
- Like planning, coordinating, or decision-making
- Strong problem-solving skills
- Self-directed, leadership skills
- Desire to own your own business someday
- Work well with people
- Communicate effectively

Some sample careers include: accountant; administrative assistant; bank teller or manager; computer engineer; network specialist; programmer; court clerk; database developer; economist; business owner (AKA entrepreneur); legal secretary; marketing specialist; financial planner; project manager; real estate agent; retail buyer; sales representative; web developer



Health Sciences

Careers related to the promotion of health as well as the treatment of injuries and disease.

Do you have some of these characteristics?

- Care about the well being of people & animals
- Interest in exploring science, research or psychology
- Like to analyze, problem-solve, or evaluate
- Enjoy listening to & comforting others
- Can follow directions & procedures
- Keep confidential information to yourself
- Enjoy computers, equipment, & other technology
- Like to compile, organize & maintain accurate data
- Perform well under pressure & stay calm

Some sample careers include: audiologist; dental assistant; dentist; dietician; doctor; forensics specialist; registered nurse; massage therapist; medical imaging technician; nuclear medicine technologist; occupational therapist; optician; nurse practitioner; paramedic; pharmacist; pharmacy technician; physician assistant; surgeon; psychologist; rehabilitation counselor; respiratory therapist; speech-language pathologist; veterinarian; veterinary technician



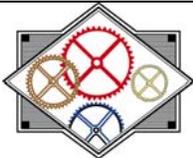
Human Services

Careers related to childcare, civil service, education, hospitality, & the social services.

Do you have some of these characteristics?

- Enjoy interacting with people
- Like to lead, teach, or work as part of a team
- Good writing & speaking skills
- Interest in helping people to solve their problems
- Stay calm in stressful situations
- Like being with children or the elderly
- Like planning & directing the activities of others
- Work cooperatively with others
- Enjoy investigating, researching, & problem-solving

Some sample careers include: caterer; clergy; school counselor; coast guard; lawyer; corrections officer; court clerk; daycare instructor; teacher; health inspector; federal agent; firefighter; funeral director; hair stylist; human resource specialist; librarian; lobbyist; paralegal; pet groomer; police officer; postal clerk; athletic trainer; psychologist; recreation therapist; social worker; special ed teacher



Engineering, Manufacturing, and Industrial Technology

Careers related to technologies necessary to design, develop, install or maintain physical systems.

Do you have some of these characteristics?

- Like a hands-on environment
- Have good math skills
- Enjoy learning new technology
- Like to see ideas turn into reality
- Operate equipment with little assistance
- Can visualize the end result
- Enjoy building things
- Would like to learn about robotics, electronics, or hydraulics
- Enjoy analyzing & problem-solving

Some sample careers include: aerospace engineer; aircraft mechanic; heavy equipment mechanic; architect; auto body repair; bricklayer; building inspector; cabinetmaker; carpet cleaner; chemical engineer; civil engineer; electrical engineer; mechanical engineer; automotive designer; concrete mason; diesel mechanic; drywaller; electrician; electronics engineering technician; environmental engineer; insulator; land surveyor; locksmith; machinist; CAD/CAM operator; metallurgical / materials engineer; millwright; painter; plumber; roofer; sheet metal worker; tile setter; upholsterer; welder/pipe fitter



Natural Resources & Agriscience

Careers related to natural resources, agriculture, & the environment.

Do you have some of these characteristics?

- Interest in our environment, plants, or animals
- Prefer outdoor activities
- Like using your hands & are not bothered by getting dirty
- Enjoy physical work
- Interest in the sciences & math
- Interest in technology & using it to gather data
- Work well both independently & as part of a team
- Like to solve problems

Some sample careers include: agronomist; animal caretaker; aquaculturist; arborist; biologist; botanist; conservation officer; environmental consultant; food scientist; horticulturist; hydrologist; landscape architect; landscaper; marine biologist; meteorologist; microbiologist; greenhouse grower; pest controller; park ranger; physicist; veterinary technician; water treatment plant operator; zoologist

