

# Passion to Profession

## Your Pathway to the Future

College and Career Readiness



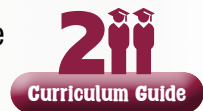
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What do I want  
to do after  
high school?

•  
What are my  
interests and  
goals?

### AWARENESS

- Login and complete [MaiaLearning](#) Interest Profiler
- Determine a [career pathway](#) of interest
- Review D211 course options



2

How do I create  
my plan?

### EXPLORATION

- Meet with your school counselor
- Develop your 4-Year Course Plan
- Explore requirements for [Dual Credit](#) and Advanced Placement course options
- Attend D211 College Planning and Financial Aid events

3

What else  
can I do?

### EXPERIENCE

- Request elective courses aligned to your career pathway, personal interests and goals
- Participate in career field trips, guest speaker panels and career fairs
- Join Career and Technical Education Student Clubs and Activities

# PaCE Yourself: Turning Passion into Profession



The **PaCE**, or **Post-Secondary and Career Expectations**, framework allows each student to have a **4-Year Course Plan**. This helps them explore their passions, align their classes with career goals, and understand their options for life after high school – enrollment in college, enlistment in the military, or employment in a career. Students and their families should also learn about financial aid to make informed decisions together.

## BY THE END OF 9TH GRADE

- ☐ Complete the Interest Profiler in [MaiaLearning](#), review results and ♥ at least 2 careers to add to your list
- ☐ Take the Personality Assessment in [MaiaLearning](#) to better understand how your traits align with career options
- ☐ Explore a career pathway and build a **4-Year Course Plan** with classes that match your interests and goals
- ☐ Meet with your school counselor to begin to create your plans for high school and beyond - whether that means enrollment, enlistment or employment
  - ☐ Learn what's required to take **Dual Credit** and Advanced Placement (AP) courses that can give you a headstart on your future
  - ☐ Explore financial aid options—like the [Harper Promise Scholarship](#)—and the earning potential of different careers

## BY THE END OF 10TH GRADE

- ☐ Complete the character surveys in [MaiaLearning](#), revisit your Interest Profiler and Personality Assessment to see how your results have changed
- ☐ Update your [MaiaLearning](#) Portfolio to include your Post-Secondary Goal
- ☐ Request early college credit courses, like **Dual Credit** and Advanced Placement (AP), offered at your high school
- ☐ Attend the D211 College Night at Palatine HS and explore over 175 colleges and universities
- ☐ Explore part-time jobs, internships, and/or volunteer work related to your career interests

## BY THE END OF 11TH GRADE

- ☐ Use [MaiaLearning](#) search tools to explore college and careers that match your interests
- ☐ Check the Events page in [MaiaLearning](#) and meet with college representatives who visit your high school to explore your options
- ☐ Attend College Planning Night for Juniors with your family
- ☐ Meet with your counselor/teachers to review your readiness for college-level Math and English
- ☐ Attend the D211 College Night at Palatine HS and explore over 175 colleges and universities
- ☐ Visit post-high school options—like colleges, training programs, or military reps—and add your top choices to your "Considering" list in [MaiaLearning](#)
- ☐ Apply for jobs or internships to gain experience in your career pathway

## BY THE END OF 12TH GRADE

- ☐ Attend college application sessions for support with completing and submitting applications
- ☐ Join a Financial Aid Night and FAFSA Completion Workshop with your family
- ☐ Complete the **FAFSA, Alternative Application for Illinois Financial Aid, or the Non-Participation Form** – whichever fits your situation – to meet the state graduation requirement
- ☐ Search and apply for scholarships that align with your goals and interests
- ☐ Review your placement in Math and English to confirm you're ready for college-level coursework
- ☐ Check how your **Dual Credit** and AP courses transfer to the colleges or programs you're considering
- ☐ Attend the **Senior Job Fair** if you are planning on entering the workforce after graduation
- ☐ Complete the Senior Exit Survey and mark your final college choice as 'Accepted - Attending' in [MaiaLearning](#) to send your final transcript

## Explore all Four Years

- ☐ Create and maintain your **4-Year Course Plan** and update [MaiaLearning](#) as your plans change
- ☐ Get involved in at least two extracurricular activities and/or athletic programs
- ☐ Get involved in community service opportunities to build experiences
- ☐ Build relationships with trusted adults at school
- ☐ Attend college exploration events, including **D211 College Night**, **First Generation College Workshop** and **Directions Fair** (IEP/504 students)
- ☐ Seek out career exploration experiences: attend guest speaker sessions, register for career site visits and explore career fairs through the Career Advisor

# Your Personal 4-Year Course Plan

Use your **MaiaLearning** Interest Profiler results to plan your pathway. Click on a pathway icon for more details.



**Download and save your 4-year plan!**

|                   |                    |                 |                 | D211 Graduation Requirements*<br>(Community College requirements are met)                                                                                                                                                                                                                                                    | 4-Year College/University Recommendation |
|-------------------|--------------------|-----------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| GRADE 9           | GRADE 10           | GRADE 11        | GRADE 12        |                                                                                                                                                                                                                                                                                                                              |                                          |
| English           | English            | English         | English         | 4 Years                                                                                                                                                                                                                                                                                                                      | 4 Years                                  |
| Math              | Math               | Math            | Elective Course | 3 Years including a 300-Level Math Course                                                                                                                                                                                                                                                                                    | 3 – 4 Years                              |
| Biology           | Science            | Elective Course | Elective Course | 2 Years                                                                                                                                                                                                                                                                                                                      | 3 – 4 Years                              |
| Elective Course   | Elective Course    | US History      | Civics          | 2 Years including US History and Civics                                                                                                                                                                                                                                                                                      | 3 – 4 Years                              |
| Elective Course   | Elective Course    | Elective Course | Elective Course | Must include a minimum of 1 Year of:<br>World Language <b>OR</b><br>Career & Technical Education <b>OR</b><br>Fine Arts                                                                                                                                                                                                      | *World Language – 2 Years                |
| Elective Course   | Elective Course    | Elective Course | Elective Course |                                                                                                                                                                                                                                                                                                                              |                                          |
| Freshman Wellness | Sophomore Wellness | Wellness        | Wellness        | <div></div> <div>Review the D211 Curriculum Guide for a full description of Graduation Requirements and Course Descriptions.</div> <div><a href="https://adc.d211.org/curriculum-guide">https://adc.d211.org/curriculum-guide</a></div> |                                          |
| Lunch             | Lunch              | Lunch           | Lunch           |                                                                                                                                                                                                                                                                                                                              |                                          |
| Summer School     | Summer School      | Summer School   | Summer School   |                                                                                                                                                                                                                                                                                                                              |                                          |

► Please discuss course options that are best aligned for you with your school counselor, teachers and parent/guardian.

- **Core Courses:** As part of graduation requirements, courses in core areas (English, Math, Science and Social Studies) can support your interests.
- **Elective Courses:** Explore courses that align to your personal interests, hobbies and/or career aspirations.



**Don't Forget!**

## Additional Graduation Requirements

### Must include both

Consumer Education  
Driver Education (private or at school)

+

### Include a minimum of 1 year

\*World Language **OR**  
Career & Technical Education **OR**  
(Applied Technology, **OR** Business,  
**OR** Family & Consumer Sciences Course)  
Fine Arts  
(Art & Media **OR** Music)

+

### Must complete

State Testing (Junior Year)  
Constitution Test (completed during  
Senior year Social Studies Course)  
FAFSA Completion (Senior Year)  
At least 20 units of credit

*\*World language may be recommended or required by colleges/universities in Illinois. State-supported universities in Illinois may accept Career and Technical Education or Fine Arts courses. Check with a counselor for details.*

# 2 Find Your Pathway

Figuring out what you enjoy can lead you to a career you'll love!

CLICK A PATHWAY  
TO LEARN MORE

## What are Pathways and Clusters?

In Illinois, there are **7 career pathways** that are connected to **16 national career clusters**. These pathways and clusters group together jobs that share similar skills and interests.

To see which career pathway fits you best, complete the Interest Profiler in [MaiaLearning](#) (found in the Character section) to see a list of matching careers.

**District 211 offers many courses in each of the pathways to help you explore more.** Taking classes that match your interests can help you make decisions about your future and get ready for life after high school.

The following pages suggest D211 courses to explore that align to pathways/clusters

## ILLINOIS CAREER PATHWAYS



## NATIONAL CAREER CLUSTERS

- Agriculture, Food and Natural Resources
- Arts (Performing and Visual), Audio/Video Technology and Communications
- Business Management and Administration
- Finance
- Marketing
- Hospitality and Tourism
- Health Sciences
- Education and Training
- Government and Public Administration
- Law, Public Safety, Corrections, and Security
- Human Services
- Information Technology
- Architecture and Construction
- Manufacturing
- STEM
- Transportation, Distribution and Logistics
- Energy

# Agriculture, Food and Natural Resources



## ILLINOIS CAREER PATHWAY

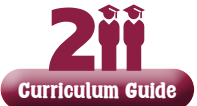


## NATIONAL CAREER CLUSTERS



## Agriculture, Food and Natural Resources

View all course descriptions and prerequisite requirements in the



## PATHWAY ADDITIONS

### Additional Courses to Consider

English writing & communication, Math courses and electives should be reviewed with your teachers/counselors to align best with your interests. Some classes may have prerequisite requirements.

#### World Languages

**Certifications:** Seal of Biliteracy

### Clubs and Activities

- Culinary Arts Club
- Environmental/Ecology Club
- Future Business Leaders of America (FBLA)
- Health Occupations Student Association (HOSA)
- Horticulture Club
- Outdoor Adventure Club
- Science Club

## PATHWAY CAREER COURSE OPTIONS

### Agribusiness Systems

**Certifications:** QuickBooks, Microsoft Office Specialist, Entrepreneurship and Small Business Management

| Course                                      | Department |
|---------------------------------------------|------------|
| Business Explorations                       | Business   |
| Business with Personal Finance <sup>▲</sup> |            |
| Technology Applications*                    |            |
| Business Management*                        |            |
| Business Law                                |            |
| Real Estate                                 |            |
| Accounting Financial*/Managerial            |            |
| QuickBooks*                                 |            |
| Business Incubator* (Entrepreneurship)      |            |
| Environmental Studies <sup>▲</sup>          |            |

### Food Products and Processing Systems

**Certifications:** Illinois Food Handlers Certificate, ServSafe® Manager's Certification

| Course                         | Department                 |
|--------------------------------|----------------------------|
| Culinary Arts*                 | Family & Consumer Sciences |
| Practices in Entrepreneurship* |                            |
| Food & Nutrition Science*      |                            |
| Chemistry <sup>▲</sup>         | Science                    |

### Environmental Service Systems Power, Structural and Technical Systems

| Course                                        | Department         |
|-----------------------------------------------|--------------------|
| Biology <sup>▲</sup>                          | Science            |
| Earth Science                                 |                    |
| Chemistry <sup>▲</sup>                        |                    |
| Environmental Studies <sup>▲</sup>            |                    |
| Physics <sup>▲</sup>                          | Applied Technology |
| Engine & Power Technology                     |                    |
| Electronics Technology*                       |                    |
| Digital Electronics*                          |                    |
| Automotive Technology*                        |                    |
| Principles of Engineering                     |                    |
| Bioengineering & Environmental Sustainability |                    |

\*Dual Credit | <sup>▲</sup>Advanced Placement

## PATHWAY CAREER OPTIONS

### ► Certificates/Associates Degree

Agricultural Equipment Operators  
Agricultural Inspectors  
Agricultural Managers  
Agricultural Product Graders & Sorters  
Animal Breeders  
Animal Trainers  
Butchers and Meat Cutters  
Chemical Technicians  
Commercial Divers  
Continuous Mining Machine Operators  
Conveyor Operators and Tenders  
Earth Drillers  
Explosives Workers  
Fallers  
Farm Equipment Mechanics and Service Technicians  
Farm Labor Contractors  
Farm, Ranch, and Aquaculture Animal Farmworkers  
Farmworkers  
Fishing and Hunting Workers  
Floral Designers  
Food Batchmakers  
Food Cooking Machine Operators and Tenders  
Forest and Conservation Technicians

Gas Compressor and Gas Pumping Station Operators  
Gas Plant Operators  
Geothermal Production Managers  
Geothermal Technicians  
Hazardous Materials Removal Workers  
Helpers for Extraction Workers  
Industrial Production Managers  
Industrial Truck and Tractor Operators  
Landscaping and Groundskeeping Workers  
Log Graders and Scalars  
Logging Equipment Operators  
Machine Operators and Tenders for Roasting, Baking, and Drying Food and Tobacco  
Meat, Poultry, and Fish Cutters & Trimmers  
Mining Excavating Machine and Dragline Operators  
Mining Loading and Moving Machine Operators  
Mobile Heavy Equipment Mechanics  
Nonfarm Animal Caretakers  
Oil and Gas Derrick Operators  
Oil and Gas Rotary Drill Operators  
Oil and Gas Roustabouts  
Oil, Gas, and Mining Service Unit Operators

Pest Control Workers  
Pesticide Handlers, Sprayers, & Applicators  
Petroleum Pump System Operators, Refinery Operators, and Gaugers  
Pump Operators  
Quarry Rock Splitters  
Recycling and Reclamation Workers  
Recycling Coordinators  
Refuse and Recyclable Material Collectors  
Roof Bolters  
Slaughterers and Meat Packers  
Supervisors of Construction Trades and Extraction Workers  
Supervisors of Farming, Fishing, and Forestry Workers  
Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers  
Tank Car, Truck, and Ship Loaders  
Tree Trimmers and Pruners  
Veterinary Assistants and Laboratory Animal Caretakers  
Veterinary Technologists and Technicians  
Water and Wastewater Treatment Plant and System Operators  
Wellhead Pumps

Wholesale and Manufacturing Sales Representatives for Technical and Scientific Products  
Wind Energy Operations Managers  
► **Bachelor's Degree or Higher**  
Agricultural Technicians  
Animal Scientists  
Biofuels Production Managers  
Biomass Power Plant Managers  
Brownfield Redevelopment Specialists and Site Managers  
Conservation Scientists  
Environmental Compliance Inspectors  
Environmental Engineering Technicians  
Environmental Engineers  
Environmental Science Technicians  
Environmental Scientists and Specialists  
Farm and Home Management Educator  
Farm Product Buyers and Purchasing Agents  
Fish and Game Wardens  
Food Scientists and Technologists  
Forest and Conservation Workers  
Foresters  
Geological Technicians  
Hydrologic Technicians  
Natural Sciences Managers  
Occupational Health and Safety

Technicians  
Park Naturalists  
Precision Agriculture Technicians  
Range Managers  
Soil and Plant Scientists  
Veterinarians  
Wind Energy Development Managers  
Zoologists and Wildlife Biologists



To learn more about pathway career options, complete the Interest Profiler in [Maia Learning](#). Add your favorites ♥ to your career list!

# Arts and Communications

## ILLINOIS CAREER PATHWAY

### ARTS & COMMUNICATIONS

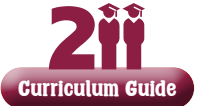
## NATIONAL CAREER CLUSTERS



### Arts (Performing and Visual), Audio/Video Technology



View all course descriptions and prerequisite requirements in the



## PATHWAY ADDITIONS

### Additional Courses to Consider

English writing & communication, Math courses and electives should be reviewed with your teachers/counselors to align best with your interests. Some classes may have prerequisite requirements.

- **Mathematics**  
Intro to Computer Programming & Software Design
- **Social Studies**  
Psychology<sup>▲</sup>  
Multicultural Perspective  
World Affairs
- **World Languages**  
**Certifications:** Seal of Biliteracy

### Clubs and Activities

- 3D Club
- AV Club
- Art Club
- Broadcasting Club
- Dance Club/Orchesis
- Debate Team
- Digital Media Club
- Fashion Club
- Future Business Leaders of America (FBLA)
- Future Career & Community Leaders of America (FCCLA)
- Music Instruction Clubs
- Literary Magazine
- Newspaper Club
- Plays, Musical, Variety Theatre Performances
- Photography Club
- Speech Team
- Thespians/Drama Club
- Yearbook

## PATHWAY CAREER COURSE OPTIONS

### Design for Industry

| Course                                                                                                                                            | Department                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Painting, Drawing, & Printmaking<br>Art in Contemporary Society*<br>3D Art: Clay, Sculpture & Design 1&2 <sup>▲</sup><br>Art History <sup>▲</sup> | Art & Media                |
| Architecture Design<br>Engineering 1 PLTW                                                                                                         | Applied Technology         |
| Design Studio*<br>Housing/Interior Design<br>Fashion Construction*                                                                                | Family & Consumer Sciences |

### Digital and Visual Communication

| Course                                                                                                                                                                                                                                   | Department  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Intro to Digital Media Art<br>Graphic Design & Digital Illustration*<br>Photo & Video<br>Animation & Game Design 1&2<br>Photography<br>Broadcasting<br>Production Studio<br>Digital Media Art Studio<br>AP 2D, 3D & Drawing <sup>▲</sup> | Art & Media |
| Technology Applications*<br>Topics in Marketing<br>Social Media for Business                                                                                                                                                             | Business    |

\*Dual Credit | <sup>▲</sup>Advanced Placement

### Written Communication

| Course                                                                                                                                                                  | Department |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Journalistic Writing<br>Creative Composition<br>English Composition* <sup>▲</sup><br>English Language and Literature <sup>▲</sup><br>Rhetoric for Professional Pathways | English    |
| Social Media for Business                                                                                                                                               | Business   |

### Performing Arts: Acting, Dance & Music

| Course                                                                                                                                                                       | Department |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Band<br>Orchestra<br>Chorus<br>Mariachi<br>Music Performance Special Topics<br>Music Production<br>Fine & Performing Arts<br>Music Appreciation<br>Music Theory <sup>▲</sup> | Music      |
| Dramatics<br>Rhetoric of Cinema<br>Speech*                                                                                                                                   | English    |
| Dance<br>Yoga                                                                                                                                                                | Wellness   |

## PATHWAY CAREER OPTIONS

### Arts and Communications

#### ► Certificates/Associates Degree

Actors  
Audio and Video Technicians  
Broadcast Technicians  
Camera and Photographic Equipment Repairers  
Costume Attendants  
Craft Artists  
Dancers  
Data Entry Keyers  
Desktop Publishers  
Etchers and Engravers  
Fashion Designers  
Floral Designers  
Lighting Technicians  
Models

Painters, Sculptors, Illustrators, and Other Fine Artists  
Painting, Coating, and Decorating Workers  
Photographers  
Photographic Process Workers and Processing Machine Operators  
Prepress Technicians and Workers  
Print Binding and Finishing Workers  
Printing Press Operators  
Proofreaders and Copy Markers  
Radio, Cellular, and Tower Equipment Installers and Repairers  
Sound Engineering Technicians  
Switchboard Operators  
Technical Writers  
Telecommunications Engineering Specialists

Telecommunications Equipment Installers and Repairers  
Telecommunications Line Installers and Repairers  
Telephone Operators  
Television, Video, and Motion Picture Camera Operators  
Theatrical & Performance Makeup Artists  
Writers and Authors  
► **Bachelor's Degree or Higher**  
Agents and Business Managers of Artists, Performers, and Athletes  
Archivists  
Art Directors  
Choreographers  
Commercial and Industrial Designers  
Curators

Editors  
Film and Video Editors  
Graphic Designers  
Interior Designers  
Media Programming Directors  
Museum Technicians and Conservators  
Music Directors and Composers  
Musicians and Singers  
Poets, Lyricists and Creative Writers  
Producers and Directors  
Radio and Television Announcers  
Reporters and Journalists  
Set and Exhibit Designers  
Special Effects Artists and Animators  
Talent Directors  
Technical Directors and Managers

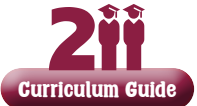


To learn more about pathway career options, complete the Interest Profiler in **Maia Learning**. Add your favorites ♥ to your career list!

# Finance and Business Services



View all course descriptions and prerequisite requirements in the



## ILLINOIS CAREER PATHWAY



## PATHWAY ADDITIONS

### Additional Courses to Consider

English writing & communication, Math courses and electives should be reviewed with your teachers/counselors to align best with your interests. Some classes may have prerequisite requirements.

- **Social Studies**
  - Multicultural Perspective
  - World Affairs
  - Psychology<sup>▲</sup>

- **World Languages**

**Certifications:** Seal of Bilingual

### Clubs and Activities

- Culinary Club
- Debate Team
- Digital Media Club
- Finance and Investing Club
- Foreign Exchange Club
- Future Business Leaders of America (FBLA)
- Fashion Club
- Speech Team
- Student Council

## NATIONAL CAREER CLUSTERS

- Business Management and Administration**
- Hospitality and Tourism**
- Marketing**
- Finance**

## PATHWAY CAREER COURSE OPTIONS

### Business Management and Administration

**Certifications:** Microsoft Office Specialist, Entrepreneurship and Small Business Management

| Course                                             | Department |
|----------------------------------------------------|------------|
| Business Explorations                              | Business   |
| Business with Personal Finance <sup>▲</sup>        |            |
| Technology Applications <sup>*</sup>               |            |
| Business Management <sup>*</sup>                   |            |
| Business Law                                       |            |
| Real Estate                                        |            |
| Business Incubator <sup>*</sup> (Entrepreneurship) |            |

### Hospitality and Tourism

**Certifications:** Illinois Food Handlers Certificate, ServSafe<sup>®</sup> Manager's Certification (CFPM)

| Course                                     | Department                 |
|--------------------------------------------|----------------------------|
| Culinary Arts <sup>*</sup>                 | Family & Consumer Sciences |
| Practices in Entrepreneurship <sup>*</sup> |                            |
| Food & Nutrition Science <sup>*</sup>      |                            |
| Social Media for Business                  | Business                   |

<sup>\*</sup>Dual Credit | <sup>▲</sup>Advanced Placement

### Marketing

| Course                                               | Department                |
|------------------------------------------------------|---------------------------|
| Topics in Marketing                                  | Business                  |
| Social Media for Business                            |                           |
| Intro to Digital Media Art                           | Art & Media               |
| Graphic Design and Digital Illustration <sup>*</sup> |                           |
| Photo and Video                                      | Family & Consumer Science |
| Design Studio <sup>*</sup>                           |                           |
| Housing/Interior Design                              |                           |

### Finance

**Certification:** QuickBooks

| Course                              | Department     |
|-------------------------------------|----------------|
| Accounting I Financial <sup>*</sup> | Business       |
| Finance & Investing                 |                |
| Quickbooks <sup>*</sup>             |                |
| Accounting II Managerial            | Social Studies |
| Economics <sup>▲</sup>              |                |

## PATHWAY CAREER OPTIONS

### Business Management and Administration

#### ► Certificates/Associates Degree

Accountants and Auditors  
Bookkeeping, Accounting, and Auditing Clerks  
General and Operations Managers  
Office Clerks  
Receptionists and Information Clerks  
Secretaries and Administrative Assistants  
Spa Managers  
Supervisors of Office and Administrative Support Workers  
Transportation and Storage Managers

#### ► Bachelor's Degree or Higher

Agents and Business Managers of Artists, Performers, and Athletes  
Business Intelligence Analysts  
Compliance Managers  
Computer and Information Systems Managers  
Construction Managers  
Financial and Investment Analysts  
Financial Examiners  
Financial Managers  
Fundraisers

Fundraising Managers  
Human Resources Specialists  
Management Analysts  
Market Research Analysts and Marketing Specialists  
Marketing Managers  
Medical and Health Services Managers  
Operations Research Analysts  
Public Relations Managers  
Regulatory Affairs Managers  
Social and Community Service Managers  
Sustainability Specialists  
Training and Development Managers  
Training and Development Specialists  
Treasurers and Controllers

### Finance

#### ► Certificates/Associates Degree

Auto Damage Insurance Appraisers  
Bill and Account Collectors  
Credit Counselors  
Insurance Sales Agents

#### ► Bachelor's Degree or Higher

Actuaries  
Financial and Investment Analysts  
Financial Examiners  
Financial Managers

Financial Risk Specialists  
Financial Sales Agents  
Investment Fund Managers  
Personal Financial Advisors  
Treasurers and Controllers

### Hospitality and Tourism

#### ► Certificates/Associates Degree

Animal Trainers  
Athletes and Sports Competitors  
Bakers  
Chefs and Head Cooks  
Concierges  
Dining Room and Cafeteria Attendants and Bartender Helpers  
Entertainment Managers  
Fast Food Cooks  
Food Service Managers  
Gaming Dealers  
Janitors and Cleaners  
Meeting, Convention, and Event Planners  
Motion Picture Projectionists  
Restaurant Cooks  
Supervisors of Food Preparation and Serving Workers  
Supervisors of Gaming Workers  
Tour Guides and Escorts

Travel Agents  
Travel Guides  
Umpires, Referees, and Other Sports Officials  
Ushers, Lobby Attendants, and Ticket Takers  
Waiters and Waitresses

#### ► Bachelor's Degree or Higher

Curators  
Interpreters and Translators  
Lodging Managers  
Museum Technicians and Conservators  
Recreation Workers

### Marketing

#### ► Certificates/Associates Degree

Cashiers  
Customer Service Representatives  
Driver/Sales Workers  
Meeting, Convention, and Event Planners  
Online Merchants  
Retail Salespersons  
Search Marketing Strategists  
Supervisors of Retail Sales Workers  
Wholesale and Manufacturing Sales Representatives

► **Bachelor's Degree or Higher**  
Market Research Analysts and Marketing Specialists  
Marketing Managers  
Property, Real Estate, and Community Association Managers  
Public Relations Specialists  
Sales Managers  
Sales Representatives of Services



To learn more about pathway career options, complete the Interest Profiler in [Maia Learning](#). Add your favorites ♥ to your career list!

# Health Sciences and Technology

## ILLINOIS CAREER PATHWAY

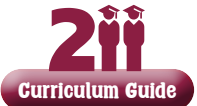
### HEALTH SCIENCES & TECHNOLOGY

## NATIONAL CAREER CLUSTERS

### Health Sciences



View all course descriptions and prerequisite requirements in the



## PATHWAY ADDITIONS

### Additional Courses to Consider

English writing & communication, Math courses and electives should be reviewed with your teachers/counselors to align best with your interests. Some classes may have prerequisite requirements.

#### • World Languages

**Certifications:** Seal of Biliteracy

### Clubs and Activities

- Academic Challenge Club
- CAD Club
- Debate Team
- Healthcare Club
- Health Occupation Students of America (HOSA)
- Psychology Club
- Science Club
- Science Olympiad
- Speech Team

## PATHWAY CAREER COURSE OPTIONS

### Health Sciences

**Certifications:** CPR & AED Certification, Basic Life Training, Certified Nursing Assistant

| Course                                                                                                                                                                                                     | Department                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Biology* <sup>▲</sup><br>Chemistry <sup>▲</sup><br>Physics <sup>▲</sup><br>Advanced Topics in Science<br>Anatomy & Physiology*<br>Medical Terminology*<br>Certified Nursing Assistant*<br>Forensic Science | Science & Related Courses  |
| Bioengineering and Environmental Sustainability                                                                                                                                                            | Applied Technology         |
| Child Development                                                                                                                                                                                          | Family & Consumer Sciences |
| Psychology <sup>▲</sup><br>MultiCultural Perspective                                                                                                                                                       | Social Studies             |

\*Dual Credit | <sup>▲</sup>Advanced Placement

## PATHWAY CAREER OPTIONS

### Health Services

#### ► Certificates/Associates Degree

Acute Care Nurses  
Cardiovascular Technologists and Technicians  
Dental Assistants  
Dental Hygienists  
Dental Laboratory Technicians  
Diagnostic Medical Sonographers  
Dietetic Technicians  
Dispensing Opticians  
Health Information Technologists and Medical Registrars  
Home Health Aides  
Licensed Practical and Licensed Vocational Nurses  
Magnetic Resonance Imaging (MRI) Technologists  
Massage Therapists  
Medical Assistants  
Medical Equipment Preparers  
Medical Records Specialists  
Medical Secretaries

Neurodiagnostic Technologists  
Nuclear Medicine Technologists  
Nursing Assistants  
Occupational Therapy Aides  
Occupational Therapy Assistants  
Ophthalmic Medical Technicians  
Orderlies  
Patient Representatives  
Pharmacy Aides  
Pharmacy Technicians  
Phlebotomists  
Physical Therapist Aides  
Physical Therapist Assistants  
Radiation Therapists  
Radiologic Technologists  
Receptionists and Information Clerks  
Respiratory Therapists  
Surgical Assistants  
Surgical Technologists  
Veterinary Assistants and Laboratory Animal Caretakers  
Veterinary Technologists and Technicians

#### ► Bachelor's Degree or Higher

Advanced Practice Psychiatric Nurses  
Anesthesiologist Assistants  
Art Therapists  
Audiologists  
Biomedical Engineers  
Biostatisticians  
Chiropractors  
Clinical and Counseling Psychologists  
Clinical Data Managers  
Clinical Nurse Specialists  
Critical Care Nurses  
Epidemiologists  
Exercise Physiologists  
Genetic Counselors  
Health Informatics Specialists  
Hearing Aid Specialists  
Medical and Health Services Managers  
Medical Scientists

Mental Health and Substance Abuse Social Workers  
Nurse Anesthetists  
Nurse Midwives  
Nurse Practitioners  
Occupational Therapists  
Optometrists  
Orthotists and Prosthetists  
Physical Therapists  
Physician Assistants  
Psychiatric Technicians  
Psychiatrists  
Registered Nurses  
Speech-Language Pathologists  
Veterinarians  
Vision Therapists and Orientation and Mobility Specialists



To learn more about pathway career options, complete the Interest Profiler in [Maia Learning](#). Add your favorites ♥ to your career list!

# Human and Public Services



View all course descriptions and prerequisite requirements in the



## ILLINOIS CAREER PATHWAY

### HUMAN & PUBLIC SERVICES

## NATIONAL CAREER CLUSTERS



**Education and Training**



**Government and Public Administration**



**Human Services**



**Law, Public Safety, Corrections, and Security**

## PATHWAY ADDITIONS

### Additional Courses to Consider

English writing & communication, Math courses and electives should be reviewed with your teachers/counselors to align best with your interests. Some classes may have prerequisite requirements.

- **Science**  
Environmental Studies
- **Social Studies**  
Multicultural Perspective
- **World Languages**

**Certifications:** Seal of Biliteracy

### Clubs and Activities

- Debate Team
- Educators Rising Club
- Foreign Exchange Club
- Future Business Leaders of America (FBLA)
- Future Career & Community Leaders of America (FCCLA)
- Health Occupations Student Association (HOSA)
- LEAD Club
- Speech Team
- Student Council

## PATHWAY CAREER COURSE OPTIONS

### Education and Training Human Services

**Certifications:** ECE Level 1 Gateway Certification

| Course                          | Department                  |
|---------------------------------|-----------------------------|
| Child Development               | Family & Consumer Sciences  |
| Early Childhood Education       |                             |
| Intro to Education*             |                             |
| Advanced Early Child Education* |                             |
| Elementary Education Internship |                             |
| Secondary Education Internship  |                             |
| Speech*                         | English                     |
| Psychology <sup>▲</sup>         | Social Studies              |
| Sign Language*                  | Harper College Campus       |
| Cosmetology*                    | Technology Center of DuPage |

\*Dual Credit | <sup>▲</sup>Advanced Placement

### Government and Public Administration Law, Public Safety, Corrections and Security

| Course                                  | Department            |
|-----------------------------------------|-----------------------|
| World History <sup>▲</sup>              | Social Studies        |
| World Affairs                           |                       |
| Law & the Individual                    |                       |
| Economics & Government <sup>▲</sup>     |                       |
| Business Law                            | Business              |
| Business Management*                    |                       |
| Accounting Financial*/Managerial        |                       |
| Network Administration & Cybersecurity* | Applied Technology    |
| Introduction to Criminal Justice*       | Harper College Campus |
| Corrections/Forensics*                  |                       |
| Introduction to Fire Science*           |                       |
| Fire Behavior and Combustion*           |                       |

## PATHWAY CAREER OPTIONS

### Education and Training

► **Certificates/Associates Degree**  
Education Administrators for Preschool and Childcare Programs  
Library Assistants  
Postsecondary Vocational Education Teachers  
Preschool Teachers  
Teaching Assistants  
Tutors  
► **Bachelor's Degree or Higher**  
Archivists  
Athletic Trainers  
Clinical and Counseling Psychologists  
Coaches and Scouts  
Curators  
Education Administrators for Elementary and Secondary Schools  
Educational, Guidance, and Vocational Counselors  
Elementary School Teachers  
Fitness and Wellness Coordinators  
Fundraisers  
Interpreters and Translators  
Middle School Teachers  
School Psychologists  
Secondary School Teachers

### Government and Public Administration

► **Certificates/Associates Degree**  
Accountants and Auditors  
Administrative Services Managers  
Construction and Building Inspectors  
Detectives and Criminal Investigators  
Government Program Eligibility Interviewers  
Postal Service Clerks  
Tax Preparers  
► **Bachelor's Degree or Higher**  
Administrative Law Judges, Adjudicators, and Hearing Officers  
Economists  
Financial Examiners  
Political Scientists  
Social and Community Service Managers  
Statisticians  
Urban and Regional Planners  
**Human Services**  
► **Certificates/Associates Degree**  
Barbers  
Childcare Workers  
Crematory Operators  
Fitness Trainers and Aerobics Instructors

Funeral Attendants  
Hairdressers, Hairstylists, and Cosmetologists  
Health Educators  
Laundry and Dry-Cleaning Workers  
Locker Room, Coatroom, and Dressing Room Attendants  
Manicurists and Pedicurists  
Massage Therapists  
Morticians, Undertakers, and Funeral Directors  
Nannies  
Personal Care Aides  
Preschool Teachers  
Residential Advisors  
Shampooers  
Skincare Specialists  
Supervisors of Entertainment and Recreation Workers  
Supervisors of Personal Service Workers  
► **Bachelor's Degree or Higher**  
Child, Family, and School Social Workers  
Clinical and Counseling Psychologists  
Community Health Workers  
Healthcare Social Workers

Marriage and Family Therapists  
Mental Health and Substance Abuse Social Workers  
Mental Health Counselors  
Postsecondary Psychology Teachers  
Rehabilitation Counselors  
Social and Community Service Managers  
Social and Human Service Assistants  
Social Science Research Assistants  
Substance Abuse and Behavioral Disorder Counselors

### Law, Public Safety, Corrections and Security

► **Certificates/Associates Degree**  
Crossing Guards  
Forensic Science Technicians  
Forest Fire Inspectors and Prevention Specialists  
Gaming Surveillance Officers and Gaming Investigators  
Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers  
Paralegals and Legal Assistants  
Security Guards

► **Bachelor's Degree or Higher**  
Business Continuity Planners  
Child, Family, and School Social Workers  
Lawyers  
Loss Prevention Managers  
Security Management Specialists  
Security Managers



To learn more about pathway career options, complete the Interest Profiler in [Maia Learning](#). Add your favorites ♥ to your career list!

# Information Technology

## ILLINOIS CAREER PATHWAY



## NATIONAL CAREER CLUSTERS



View all course descriptions and prerequisite requirements in the



## PATHWAY ADDITIONS

### Additional Courses to Consider

English writing & communication, Math courses and electives should be reviewed with your teachers/counselors to align best with your interests. Some classes may have prerequisite requirements.

- **Science**  
Environmental Studies
- **Social Studies**  
Multicultural Perspective
- **World Languages**

**Certifications:** Seal of Biliteracy

### Club and Activities

- Art Club
- Broadcast Club
- CAD Club
- Computer Club
- Coding Club
- Digital Media Club
- Electronic Club
- Engineering Club
- ESport
- Future Business Leaders of America (FBLA)
- Society of Women Engineers
- Speech Team
- Robotics Club

## PATHWAY CAREER COURSE OPTIONS

### Network and Systems

**Certifications:** A+ Certification, Net+ Certification, CompTIA Tech+, A+ Certification, Network+ Certification

| Course                                    | Department         |
|-------------------------------------------|--------------------|
| IT Fundamentals*                          | Applied Technology |
| Network Administration and Cybersecurity* |                    |
| Electronics Technology 1* & 2             |                    |
| PLTW Digital Electronics*                 |                    |

### Software and App Development

| Course                                            | Department  |
|---------------------------------------------------|-------------|
| Intro to Computer Programming and Software Design | Mathematics |
| AP Computer Science Principles <sup>^</sup>       |             |
| AP Computer Science A <sup>^</sup>                |             |
| Mobile App Development                            |             |

### Web and Digital Communication

**Certifications:** Microsoft Office Specialist

| Course                                            | Department  |
|---------------------------------------------------|-------------|
| Intro to Digital Media Art                        | Art & Media |
| Graphic Design and Digital Illustration* 1 & 2    |             |
| Video Game Design and Interactive Media           |             |
| Video & Animation 2: Visual FX and Production     |             |
| Broadcast Media                                   |             |
| Production Studio                                 |             |
| Technology Applications*                          | Business    |
| Social Media for Business                         |             |
| Intro to Computer Programming and Software Design | Mathematics |

\*Dual Credit | <sup>^</sup>Advanced Placement

## PATHWAY CAREER OPTIONS

### Information Technology

#### ► Certificates/Associates Degree

Computer User Support Specialists  
Web and Digital Interface Designers  
Web Developers

#### ► Bachelor's Degree or Higher

Blockchain Engineers  
Computer and Information Scientists  
Computer and Information Systems Managers  
Computer Hardware Engineers  
Computer Network Architects  
Computer Network Support Specialists  
Computer Programmers  
Computer Systems Analysts  
Computer Systems Engineers/Architects  
Data Scientists  
Data Warehousing Specialists  
Database Administrators

Database Architects  
Digital Forensics Analysts  
Document Management Specialists  
Information Security Analysts  
Information Security Engineers  
Information Technology Project Managers  
Network and Computer Systems Administrators  
Penetration Testers  
Software Developers  
Software QA Analysts and Testers  
Video Game Designers  
Web Administrators

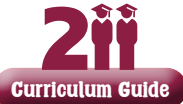


To learn more about pathway career options, complete the Interest Profiler in [Maia Learning](#). Add your favorites ♥ to your career list!

# METT (Manufacturing, Engineering, Technology, and Trades)



View all course descriptions and prerequisite requirements in the



## ILLINOIS CAREER PATHWAY

**MANUFACTURING,  
ENGINEERING,  
TECHNOLOGY & TRADES**

### PATHWAY ADDITIONS

#### Additional Courses to Consider

English writing & communication, Math courses and electives should be reviewed with your teachers/counselors to align best with your interests. Some classes may have prerequisite requirements.

- **Social Studies**  
World Geography  
Human Geography<sup>▲</sup>

- **World Languages**

**Certifications:** Seal of Biliteracy

#### Clubs and Activities

- Art Club
- Autos Club
- CAD Club
- Coding Club
- Computer Club
- Electronics Club
- Engineering Club
- Robotics Club
- Science Club
- Science Olympiad
- Society of Women Engineers
- Speech Team
- Woodworking Technology Club

## NATIONAL CAREER CLUSTERS

- **Architecture and Construction**
- **Manufacturing**
- **STEM/Energy** (Science, Technology, Engineering & Math)
- **Transportation, Distribution, and Logistics**

### PATHWAY CAREER COURSE OPTIONS

| Architecture and Construction |                                                              |                            |
|-------------------------------|--------------------------------------------------------------|----------------------------|
|                               | Course                                                       | Department                 |
| Architecture                  | 3D Art, Clay, Sculpture and Design                           | Art & Media                |
|                               | Architecture Design                                          | Applied Technology         |
|                               | PLTW Civil Engineering & Architecture                        | Applied Technology         |
|                               | Design Studio*<br>Housing/Interior Design                    | Family & Consumer Sciences |
| Construction                  | Manufacturing Technology                                     | Applied Technology         |
|                               | Engine & Power Technology                                    | Applied Technology         |
|                               | Electronics Technology                                       | Applied Technology         |
|                               | Woodworking Technology                                       | Applied Technology         |
|                               | Geometry in Construction                                     | Applied Technology         |
|                               | Building Construction*                                       | Applied Technology         |
|                               | Welding & Metal Fabrication*                                 | Applied Technology         |
|                               | HVAC Refrigeration Fundamentals*<br>HVAC Heating Principles* | Harper College Campus      |

| Manufacturing                                                                                                   |                                    |                    |
|-----------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------|
| <b>Certifications:</b> Haas CNC Machine Certification Program, National Institute of Metalworking Skills (NIMS) |                                    |                    |
|                                                                                                                 | Course                             | Department         |
|                                                                                                                 | Manufacturing Technology           | Applied Technology |
|                                                                                                                 | Engine & Power Technology          | Applied Technology |
|                                                                                                                 | Advanced Manufacturing Technology* | Applied Technology |
|                                                                                                                 | Computer Aided Manufacturing*      | Applied Technology |
|                                                                                                                 | Welding & Metal Fabrication*       | Applied Technology |

\*Dual Credit | ▲Advanced Placement

| STEM • Energy        |                                                                                   |                    |
|----------------------|-----------------------------------------------------------------------------------|--------------------|
|                      | Course                                                                            | Department         |
| Engineering          | Engine & Power Technology                                                         | Applied Technology |
|                      | Electronics Technology*                                                           | Applied Technology |
|                      | Engineering 1 & 2 PLTW                                                            | Applied Technology |
|                      | Digital Electronics*                                                              | Applied Technology |
|                      | Civil Engineering & Architecture                                                  | Applied Technology |
| Science & Technology | Bioengineering & Environmental Sustainability                                     | Applied Technology |
|                      | Computer Aided Manufacturing*                                                     | Applied Technology |
|                      | Biology* <sup>▲</sup>                                                             | Science            |
|                      | Chemistry <sup>▲</sup>                                                            | Science            |
|                      | Physics <sup>▲</sup>                                                              | Science            |
|                      | Environmental Studies                                                             | Science            |
|                      | Advanced Topics in Science                                                        | Science            |
|                      | Introduction to Computer Programming                                              | Mathematics        |
|                      | AP Computer Science Principles <sup>▲</sup><br>AP Computer Science A <sup>▲</sup> | Mathematics        |

| Transportation, Distribution, and Logistics                |                                             |                    |
|------------------------------------------------------------|---------------------------------------------|--------------------|
| <b>Certifications:</b> Automotive Service Excellence (ASE) |                                             |                    |
|                                                            | Course                                      | Department         |
| Mechanics                                                  | Manufacturing Technology                    | Applied Technology |
|                                                            | Engine & Power Technology                   | Applied Technology |
|                                                            | Automotive Technology*                      | Applied Technology |
|                                                            | Welding & Metal Fabrication*                | Applied Technology |
| Supply Chain                                               | Business Explorations                       | Business           |
|                                                            | Business with Personal Finance <sup>▲</sup> | Business           |
|                                                            | Technology Applications*                    | Business           |
|                                                            | Business Management*                        | Business           |
|                                                            | Accounting Financial* & Managerial          | Business           |

### PATHWAY CAREER OPTIONS (See your MaiaLearning results as there are 400+ careers in METT.)

#### Architecture and Construction

- **Certificates/Associates Degree**  
Carpenters  
Cement Masons/Finishers  
Construction Inspectors & Laborers  
Helpers for Electricians  
Highway Maintenance Workers  
Home Appliance Repairers  
HVAC Mechanics and Installers  
Landscaping and Groundskeeping  
Maintenance and Repair Workers  
Plumbers, Pipefitters, and Steamfitters  
Roofers  
Security/Fire Alarm Systems Installers  
Solar Energy Installation Managers  
Supervisors of Construction Trades  
Wind Turbine Service Technicians

#### ► Bachelor's Degree or Higher

- Architects  
Architectural and Civil Drafters  
Architectural and Engineering Mgrs.

Commercial and Industrial Designers  
Construction Managers  
Interior Designers

#### Manufacturing

##### ► Certificates/Associates Degree

- CNC Programmers  
Industrial Machinery Mechanics  
Machinery Maintenance Workers  
Maintenance and Repair Workers  
Medical Equipment Repairers  
Mobile Heavy Equipment Mechanics  
Molders, Shapers and Casters  
Quality Control Analysts  
Telecommunications Equipment  
Installers and Repairers  
Welders

##### ► Bachelor's Degree or Higher

- Health and Safety Engineers  
Industrial & Manufacturing Engineers  
Occupational Health & Safety Specialists  
Quality Control Systems Managers

#### STEM

##### ► Certificates/Associates Degree

- Civil Engineering Technicians  
Electrical & Electronic Engineering Technicians  
Electrical and Electronics Drafters  
Electro-Mechanical Technicians  
Food Science Technicians  
Industrial Engineering Technicians

##### ► Bachelor's Degree or Higher

- Architectural and Engineering Mgrs.  
Biochemists & Biophysicists & Biologists  
Biomedical Engineers & Biostatisticians  
Chemical Engineers & Chemists  
Civil Engineers  
Computer and Information Scientists  
Computer Hardware Engineers  
Electrical Engineers  
Environmental Engineers  
Epidemiologists & GIS Technicians  
Industrial Engineers

- Logistics Engineers  
Mechanical Engineers  
Medical Scientists  
Microbiologists  
Petroleum Engineers  
Physicists  
Social Science Research Assistants  
Statisticians  
Validation Engineers

#### Transportation, Distribution, and Logistics

##### ► Certificates/Associates Degree

- Aircraft Cargo Handling Supervisors  
Auto Svcs. Technicians and Mechanics  
Cargo & Freight Agents  
Flight Attendants  
Heavy and Tractor-Trailer Truck Drivers  
Laborers & Freight, Stock, & Material Movers  
Light Truck Drivers  
Mobile Heavy Equipment Mechanics

- Recreational Vehicle Service Techs  
Transportation and Storage Managers

##### ► Bachelor's Degree or Higher

- Airfield Operations Specialists  
Logisticians and Logistics Analysts  
Supply Chain Managers  
Transportation Planners



To learn more about pathway career options, complete the Interest Profiler in **MaiaLearning**. Add your favorites ♥ to your career list!