

Passion to Profession

Your Pathway to the Future

College and Career Readiness



1

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

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!

GRADE 9	GRADE 10	GRADE 11	GRADE 12	D211 Graduation Requirements* (Community College requirements are met)	4-Year College/University Recommendation
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: World Language OR Career & Technical Education OR Fine Arts	*World Language – 2 Years
Elective Course	Elective Course	Elective Course	Elective Course		
Freshman Wellness	Sophomore Wellness	Wellness	Wellness		
Lunch	Lunch	Lunch	Lunch		
Summer School	Summer School	Summer School	Summer School		



Review the D211 Curriculum Guide for a full description of Graduation Requirements and Course Descriptions.

<https://adc.d211.org/curriculum-guide>

► 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.*



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

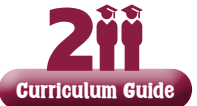
• Information Technology

• Architecture and Construction
• Manufacturing
• STEM
• Transportation, Distribution and Logistics
• Energy

Agriculture, Food and Natural Resources



View all course descriptions and prerequisite requirements in the



ILLINOIS CAREER PATHWAY



NATIONAL CAREER CLUSTERS



Agriculture, Food and Natural Resources

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

- Business Professionals of America (BPA)
- Culinary Arts Club
- Environmental/Ecology Club
- Future Career & Community Leaders of America (FCCLA)
- 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 [▲]	
Technology Applications [*]	
Business Management [*]	
Business Law	
Accounting Financial*/Managerial	
QuickBooks [*]	
Business Incubator* (Entrepreneurship)	
Environmental Studies [▲]	Science

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 [▲]	Science

Environmental Service Systems Power, Structural and Technical Systems

Course	Department
Biology ^{**▲}	Science
Geography [▲]	
Earth Science	
Chemistry [▲]	
Environmental Studies [▲]	
Physics [▲]	
Engine & Power Technology	Applied Technology
Electronic Technology [*]	
Automotive Technology [*]	
Principles of Engineering	
Bioengineering & Environmental Sustainability	

***Dual Credit** | **▲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

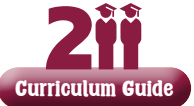
NATIONAL CAREER CLUSTERS



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[▲]
Multicultural Perspective
World Affairs
- **World Languages**
Certifications: Seal of Biliteracy

Clubs and Activities

- 3D Club
- AV Club
- Art Club
- Broadcasting Club
- Business Professionals of America (BPA)
- Dance Club/Orchestra
- Debate Team
- Digital Media Club
- Fashion Club
- 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 Art in Contemporary Society* 3D Art: Clay, Sculpture & Design 1&2 [▲] Art History [▲]	Art & Media
Architecture Design PLTW Engineering Design	Applied Technology
Design Studio* Housing/Interior Design Fashion Construction*	Family & Consumer Sciences

Digital and Visual Communication

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

*Dual Credit | [▲]Advanced Placement

Written Communication

Course	Department
Journalistic Writing Creative Composition English Composition* [▲] English Language and Literature [▲] Rhetoric for Professional Pathways	English
Social Media for Business	Business

Performing Arts: Acting, Dance & Music

Course	Department
Band Orchestra Chorus Mariachi Music Performance Special Topics Music Production Fine & Performing Arts Music Appreciation Music Theory [▲] Music Independent Study	Music
Dramatics Rhetoric of Cinema Speech*	English
Dance 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

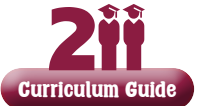


To learn more about pathway career options, complete the Interest Profiler in **Maia Learning**. Add your favorites ♥ to your career list!

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[▲]

- **World Languages**

Certifications: Seal of Biliteracy

Clubs and Activities

- Business Professionals of America (BPA)
- Culinary Club
- Debate Team
- Digital Media Club
- Finance and Investing Club
- Foreign Exchange Club
- Future Career & Community Leaders of America (FCCCLA)
- Fashion Club
- Speech Team

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 [▲]	
Technology Applications [*]	
Business Management [*]	
Business Law	
Business Management [*]	
Business Incubator [*] (Entrepreneurship)	

Hospitality and Tourism

Certifications: Illinois Food Handlers Certificate, ServSafe[®] Manager's Certification (CFPM)

Course	Department
Culinary Arts [*]	Family & Consumer Sciences
Practices in Entrepreneurship [*]	
Food & Nutrition Science [*]	
Social Media for Business	Business

^{*}Dual Credit | [▲]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 [*]	
Photo and Video	Family & Consumer Science
Design Studio [*]	
Housing/Interior Design	

Finance

Certification: QuickBooks

Course	Department
Accounting I Financial [*]	Business
Finance & Investing	
Quickbooks [*]	
Account II Managerial	Social Studies
Economics [▲]	

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

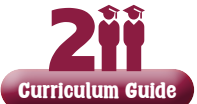
HEALTH SCIENCES & TECHNOLOGY

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* [▲] Chemistry [▲] Physics [▲] Advanced Topics in Science Anatomy & Physiology* Medical Terminology* Certified Nursing Assistant* Forensic Science	Science & Related Courses
Bioengineering and Environmental Sustainability	Applied Technology
Child Development	Family & Consumer Sciences
Psychology [▲] MultiCultural Perspective	Social Studies

*Dual Credit | [▲]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

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

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 [▲]	Social Studies
Sign Language*	Harper College Campus
Cosmetology*	Technical College of DuPage Campus

*Dual Credit | [▲]Advanced Placement

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

Course	Department
World History [▲]	Social Studies
World Affairs	
Law & the Individual	
Economics & Government [▲]	
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 Bilingualism

Club and Activities

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

PATHWAY CAREER COURSE OPTIONS

Network and Systems

Certifications: A+ Certification, Net+ 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 [^]	
AP Computer Science A [^]	
Mobile App Development	
Independent Computer Science	

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 | [^]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)



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*
- **World Languages**

Certifications: Seal of Biliteracy

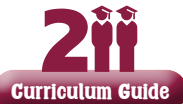
Clubs and Activities

- 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**

View all course descriptions and prerequisite requirements in the



PATHWAY CAREER COURSE OPTIONS

Architecture and Construction

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

Manufacturing

Certifications: 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*	
Computer Aided Manufacturing*	
Welding & Metal Fabrication*	

*Dual Credit | *Advanced Placement

STEM • Energy

Course	Department
Engineering	Engine & Power Technology
	Applied Technology
	Electronics Technology
	Introduction to Engineering Design
	Principles of Engineering
	Digital Electronics*
Science & Technology	Civil Engineering & Architecture
	Bioengineering & Environmental Sustainability
	Computer Aided Manufacturing
	Biology* [▲]
	Chemistry [▲]
	Physics [▲]
Science & Technology	Environmental Studies
	Advanced Topics in Science
	Introduction to Computer Programming
	Mathematics
Science & Technology	AP Computer Science Principles [▲]
	AP Computer Science A [▲]

Transportation, Distribution, and Logistics

Certifications: Automotive Service Excellence (ASE)

Course	Department
Mechanics	Manufacturing Technology
	Applied Technology
	Engine & Power Technology
	Automotive Technology
Supply Chain	Welding & Metal Fabrication*
	Business Explorations
	Technology Applications*
	Business Management*
Supply Chain	Accounting Financial* & Managerial

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.
September 2025

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!