

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 in the



2

How do I create my plan?

EXPLORATION

- Meet with your school counselor
- Develop your [4-Year Course Plan](#)
- Explore [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 speakers 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.



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: <input type="checkbox"/> World Language OR <input type="checkbox"/> Career & Technical Education OR <input type="checkbox"/> Fine Arts	*World Language – 2 Years
Elective Course	Elective Course	Elective Course	Elective Course		
Freshman Wellness	Sophomore Wellness	Wellness	Wellness		
Lunch	Lunch	Lunch	Lunch	 Review the D211 Curriculum Guide for a full description of Graduation Requirements and Course Descriptions.	https://adc.d211.org/curriculum-guide
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 and 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 job you'll love!



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.

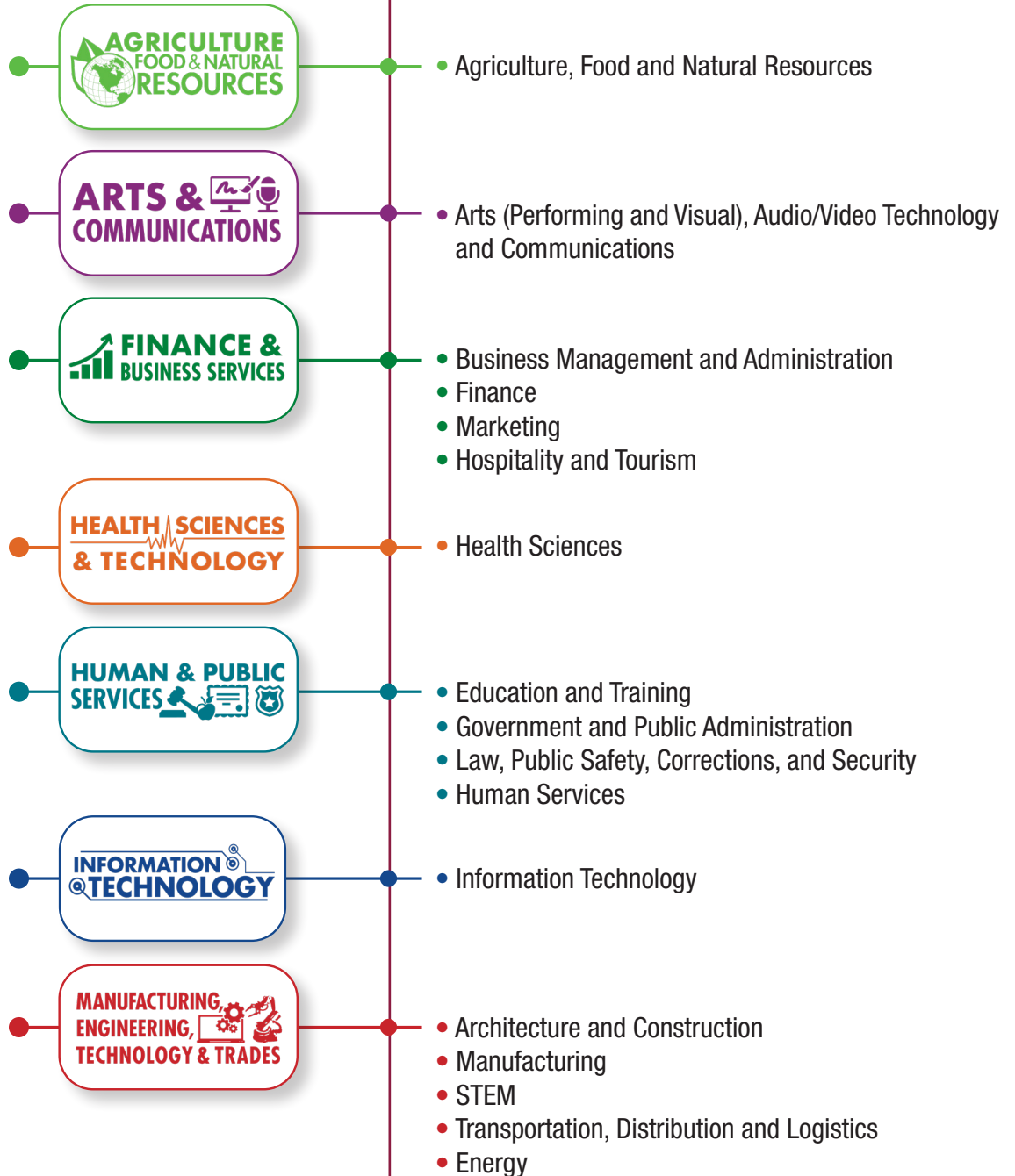
To see which career pathway fits you best, complete the Interest Profiler in [MaiaLearning](#) (found in the Character section) to see a list of matching careers.

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



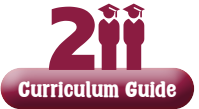
ILLINOIS CAREER PATHWAY



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

- 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 COURSES

Agribusiness Systems

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

Course	Department
Business Explorations Technology Applications*	Business
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



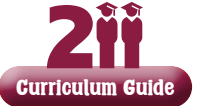
ILLINOIS CAREER PATHWAY



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 Instrument Clubs
- Literary Magazine
- Newspaper Club
- Plays, Musical, Variety Theatre Performances
- Photography Club
- Speech Team
- Thespians/Drama Club
- Yearbook

PATHWAY CAREER COURSES

Design for Industry

Course	Department
Painting, Drawing, & Printmaking Art in Contemporary Society* 3D Art: Clay, Sculpture & Design 1&2 [▲] Art History [▲]	Art & Media
Architecture, Animation & Engineering 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

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

*Dual Credit | [▲]Advanced Placement

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



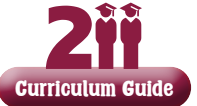
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Finance and Business Services



Update Your Plan

View all course descriptions and prerequisite requirements in the



ILLINOIS CAREER PATHWAY



NATIONAL CAREER CLUSTERS

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

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 (FCCLA)
- Fashion Club
- Speech Team

PATHWAY CAREER COURSE OPTIONS

Business Management and Administration Finance

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

Course	Department
Business Explorations Technology Applications*	Business
Business Management*	
Business Law	
Accounting Financial*/Managerial QuickBooks*	
Finance and Investing	
Business Incubator* (Entrepreneurship)	
Economics [^]	Social Studies

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

Marketing

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

*Dual Credit | [^]Advanced Placement

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

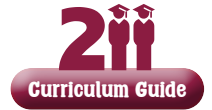


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Health Sciences and Technology



View all course descriptions and prerequisite requirements in the



ILLINOIS CAREER PATHWAY

HEALTH SCIENCES & TECHNOLOGY

NATIONAL CAREER CLUSTERS

 **Health Sciences**

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 COURSES

Health Sciences

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

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

*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 [MaiaLearning](#). Add your favorites ♥ to your career list!

Human and Public Services



ILLINOIS CAREER PATHWAY



NATIONAL CAREER CLUSTERS



Education and Training



Government and Public Administration

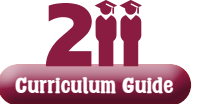


Human Services



Law, Public Safety, Corrections, and Security

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

Clubs and Activities

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

PATHWAY CAREER COURSES

Education and Training Human Services

Certifications: ECE Level 1 Gateway Certification

Course	Department
Child Development	Family & Consumer Sciences
Early Childhood Education	
Elementary Education*	
Secondary Education*	
Advanced Early Child Education*	
Education Experiences	
Speech*	English
Psychology [▲]	Social Studies
Sign Language*	Harper College Campus
Cosmetology*	Technical College of DuPage Campus

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*	

*Dual Credit | [▲]Advanced Placement

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



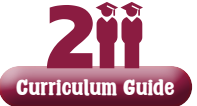
ILLINOIS CAREER PATHWAY



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 Bilingual

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 COURSES

Network and Systems

Certifications: A+ Certification, Net+ Certification

Course	Department
Computer Repair*	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)



Update Your Plan

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**
World Geography
Human Geography[^]

- **World Languages**

Certifications: Seal of Biliteracy

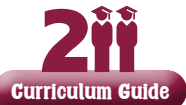
Clubs and Activities

- 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 COURSES

Architecture and Construction

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

Manufacturing

Certifications: Haas CNC Machine Certification Program, National Institute of Metalworking Skills (NIMS)

	Course	Department
	Manufacturing Technology Engine & Power Technology Advanced Manufacturing Technology* Computer Aided Manufacturing* Welding & Metal Fabrication*	Applied Technology

*Dual Credit | ^Advanced Placement

STEM • Energy

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

Transportation, Distribution, and Logistics

Certifications: Automotive Service Excellence (ASE)

	Course	Department
Mechanics	Manufacturing Technology Engine & Power Technology Automotive Technology 1 & 2* ASE Automotive Independent Study	Applied Technology
	Business Explorations Technology Applications* Business Management* 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 Svc. 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



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