

Agriculture, Food & Natural Resources

AFNR Careers

Certification/Associates Degree:

- Certified Decorator
- Certified Engineering Operations Executive
- Certified Event Planner
- Certified Executive Chef
- Certified Food Service Mgmt. Professional
- Certified Hospitality Accountant Executive
- Certified Human Resources Executive
- Certified Lodging Security Director (CLSD)
- ServSafe Employee & Cust. Safety Certification
- Animal Control Officer
- Arborist
- Biological Tech
- Caterer
- Commercial Diver
- Conservation Worker
- Dietetic Technician
- Environmental Technician
- Explosives Specialist
- Facilities Manager
- Farmer
- Fish & Game Officer
- Food Inspector
- Forestry
- Gardner for Parks
- Golf Course Manager
- Greenhouse Manager
- Heavy Equipment Operator
- Hospitality Management
- Hotel Management
- Quality Food Inspector
- Recycling Technician
- Veterinary Technician

Bachelor's Degree or Higher:

- Agronomist
- Animal Husbandry
- Baker
- Biologist/Biochemist
- Botanist/Horticulturist
- Brewmaster
- Chef and Head Cook
- Civil Engineer
- Conservation Scientist/Ecologist
- Environmental Engineer
- Fish & Game Warden
- Food Service Manager
- Geneticist
- Hospitality Management & Leadership
- Landscape Architect
- Livestock Management
- Marine Biologist
- Park Ranger
- Plant Pathologist
- Resort Manager
- Restaurateur
- Toxicologist
- USDA Inspector
- Veterinarian
- Wildlife Conservationist
- Zoologist

High School Schedule

9th Grade	10th Grade	11th Grade	12th Grade
Freshman English	Sophomore English	Junior English	Senior English
Math	Math	Math	Math
Science	Science	Science	Elective
Human Geography	World History	US History	Civics / Elective
Public Speaking/ Composition 1	Elective	World Language	World Language
PE/Health	PE/Elective	PE/Elective	PE/Elective (Recommend: Senior Seminar)
Elective	Elective	Elective	Elective
Lunch	Lunch	Lunch	Lunch

Career Pathway Courses

- Public Speaking
- Personal Finance
- Statistics
- Anatomy & Physiology
- Forensics
- Aquatic Science
- Economics
- Psychology
- Introduction to Computer Science

Suggested AP & Dual Credit/Enrollment

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| <ul style="list-style-type: none"> • AP Biology • AP Psychology • AP Spanish Language and Culture • AP Computer Science Principles • English 101: Composition Dual Credit • English 102: Composition Dual Credit | <ul style="list-style-type: none"> • BIOLOGY 121 Biology I • BOTANY 201 General Botany I • BUSINESS 231 Marketing • BUSINESS 269 Principles of Management • CHEM 201 General Chemistry I • ENG 105 Business Writing • SPEECH 101 Fund of Speech Comm |
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Additional Career Pathway Courses: World Language - Spanish, Arabic • Advanced Health • Adventure Ed • Chicago History • Chicago Builds Program

Clubs: Reptile Club

Arts & Communications

AC Careers

Certification/Associates Degree:

- A/V System Service Technician
- Actor / Instructor
- Animator
- Art Educator
- Audio Visual Tech
- Broadcast Technician
- Business Administration
- Casting Director
- Composer
- Computer Programming
- Copywriter
- Dancer
- Digital Print Production
- Director (film/TV/theatre)
- Fashion Design
- Fashion Merchandising
- Fashion/Textiles
- Fight Choreographer
- Graphic Arts
- Hospitality Management
- Industrial Designer
- Interior Design: Kitchen and Bath
- International Business
- Management
- Marketing
- Music Therapist
- Package Design
- Printing Press Operator
- Production Designer
- Public Relations
- Recording Engineer
- Sound Technician/ Stage Crew
- Stage & Screen Director
- Stunt Worker
- Technical Director
- Video Game Designer
- Web Design
- Website Designer

Bachelor's Degree or Higher:

- Anthropologist
- Archivist
- Art Dealer
- Artist/Art Director/Art Therapist/Art Dealer
- Choreographer
- Cinematographer
- Composer/ Conductor
- Conservator
- Costume Designer
- Curator
- Journalist
- Lighting/Sound Designer
- Mass Communication
- Media Buyer/Planner
- Photographer
- Producer
- Recording Engineer
- Set Designer/ Props Artisan
- Theatre Critic
- Videographer

High School Schedule

9th Grade	10th Grade	11th Grade	12th Grade
Freshman English	Sophomore English	Junior English	Senior English
Math	Math	Math	Math
Science	Science	Science	Elective
Human Geography	World History	US History	Civics / Elective
Public Speaking/ Composition 1	Elective	World Language	World Language
PE/Health	PE/ Elective	PE/ Elective	PE/ Elective (Recommend: Senior Seminar)
Elective	Elective	Elective	Elective
Lunch	Lunch	Lunch	Lunch

Career Pathway Courses

- Art 1
- Art 2
- Graphic Design and Photo Editing
- Digital Film
- Intro to Computer Science
- Beginning Band
- Intermediate Modern Band
- Advanced Modern Band
- Film Studies
- Journalism
- Sociology
- Psychology
- Public Speaking
- Intro to Sewing and More
- Law

Suggested AP & Dual Credit Coursework

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|--|---|
| <ul style="list-style-type: none"> • Art 103: Art Appreciation Dual Credit • Art 127: Printmaking Dual Credit • AP Computer Science Principles • AP Language and Composition • AP Literature and Composition • AP Psychology • AP US History • English 101: Composition Dual Credit • English 102: Composition Dual Credit • AP Spanish Language and Culture • Business 111: Intro to Business • Dance 131: Intro to Spanish Dance | <ul style="list-style-type: none"> • ARABIC 101 Arabic for Beginners I • ART 131 General Drawing • HUM 123 Intro to Art and Ideas • MUSIC 121 Intro to Music • SPEECH 101 Fund of Speech Comm • THR ARTS 132 Theater Production • THR ARTS 133 Acting I • SPANISH 101 Spanish for Beginners I |
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Additional Career Pathway Courses: Campus Life Leaders • World Language - Spanish, Arabic • Chicago History • Composition 2 • Philosophy & Literature • Mythology • Science Fiction Literature & Media

Clubs: Asian Student Alliance • Assyrian Club • Tech Crew • Video Gamers Club • Unafraid Dreamers • Latin Dance Club • Gay Straight Alliance • Book Club • Black Student Union • NTA Thespians • Literary Journal • Guitar Ensemble • Debate Club • Just Keep Livin • Broadcasting Club

Finance & Business Services

FBS Careers

Certification/Associates Degree:

- Certified Financial Analyst (CFA)
- Certified Financial Manager (CFM)
- Certified Financial Planner (CFP)
- Certified in Transportation and Logistics (CTL)
- Certified Management Accountant (CMA)
- Certified Mark. Mgmt. Professional (CMMP)
- Certified Public Accountant (CPA)
- Information Security Manager (CISM)
- Project Management Professional (PMP)
- Accounting Associate
- Accounting Clerk
- Administrative Assistant
- Bank Manager
- Bank Teller
- Bookkeeper
- Business Administration
- Business Management
- Claims Adjuster
- Credit Counselor
- Entrepreneur/ Business Owner
- Event Planner
- Human Resource Management
- Insurance Agent
- International Business
- Loan Officer
- Marketing Associate
- Money Manager
- Real Estate Agent
- Sales Manager
- Sales Representative
- Supply Chain Management
- Tax Preparer
- Underwriter
- Wholesale and Retail Buyer

Bachelor's Degree or Higher:

- Accountant/ CPA
- Actuary
- Advertising Broker
- Auditor
- Economist
- Financial Advisor
- Financial Analyst
- Financial Planner
- Human Resources Director
- Insurance Agent
- Investment Banker
- Market Research Analyst
- Marketing Manager
- Project Manager/ Consultant
- Public Relations Manager
- Quality Management Professional
- Real Estate Broker
- Research Analyst
- Sports Marketing Account Executive/ Manager
- Stockbroker
- Trader
- Venture Capitalist

High School Schedule

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Math	Math	Math	Math
Science	Science	Science	Elective
Human Geography	World History	US History	Civics / Elective
Public Speaking/ Composition 1	Elective	World Language	World Language
PE/Health	PE / Elective	PE / Elective	PE / Elective (Recommend: Senior Seminar)
Elective	Elective	Elective	Elective
Lunch	Lunch	Lunch	Lunch

Career Pathway Courses

- Personal Finance
- Statistics
- Economics
- Public Speaking
- Psychology
- Introduction to Computer Science
- Sociology
- Chicago History
- Law

Suggested AP & Dual Credit Coursework

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|--|---|
| <ul style="list-style-type: none"> • AP Pre-Calculus • AP Calculus AB • AP Psychology • AP Computer Science Principles • English 101: Composition Dual Credit • English 102: Composition Dual Credit | <ul style="list-style-type: none"> • BUSINESS 111 Introduction to Business • BUSINESS 181 Financial Accounting • BUSINESS 182 Managerial Accounting • ECON 201 Principles of Economics I • MATH 140 College Algebra • MATH 143 Precalculus • SPEECH 101 Fundamentals of Speech Communication |
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Additional Career Pathway Courses: World Language - Spanish, Arabic • Graphic Design and Photo Editing • Campus Life Leaders • Northtown Teaching Assistant • Genesys Works • Composition 2

Clubs: Student Government • National Honors Society • Debate Club

Information Technology (IT)

IT Careers

Certification/Associates Degree:

- Administration
- App Developer
- Cisco CCENT
- CIW Web Foundations Associate
- CompTIA IT Fundamentals
- CompTIA Networking+
- CompTIA Project+
- CompTIA Security+
- Computer Animator
- Computer Information Systems
- Computer Programmer
- Computer Support
- Cybersecurity Technician
- Database Management
- Digital Media Specialist
- E-Business Consultant
- Electronics Engineering Tech
- Field Service IT Technician
- Linux Administrator
- Microsoft Office Specialist
- MTA: Database Fundamentals
- MTA: Windows Server
- Network Administration
- Oracle Administrator
- Software Development
- Unix Administrator
- Video Game Developer
- Web Administrator
- Web Application Development
- Web Architect/Designer
- Web Visual Design

Bachelor's Degree or Higher:

- Bioinformatics Specialist
- Business Analyst
- Cloud Security Engineer
- Computer and Information Research Scientist
- Computer Network Architect
- Computer Programmer
- Computer Systems Analyst
- Computer User Support
- Data Analyst
- Electrical Engineer
- Front End Developer
- iOS Developer
- Java Engineer
- Manager
- Network & Computer Systems/Database Administrator
- Project Manager
- Scientific & Medical Illustrator
- Scientist and System

High School Schedule

9th Grade	10th Grade	11th Grade	12th Grade
Freshman English	Sophomore English	Junior English	Senior English
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Human Geography	World History	US History	Civics / Elective
Public Speaking/ Composition 1	Elective	World Language	World Language
PE/Health	PE / Elective	PE / Elective	PE / Elective (Recommend: Senior Seminar)
Elective	Elective	Elective	Elective
Lunch	Lunch	Lunch	Lunch

Career Pathway Courses

- Introduction to Computer Science
- Graphic Design and Photo Editing
- Digital Film
- Statistics
- Physics
- Introduction to Technology

Suggested AP & Dual Credit Coursework

- | | |
|--|--|
| <ul style="list-style-type: none"> • AP Pre-Calculus • AP Calculus • AP Computer Science Principles | <ul style="list-style-type: none"> • CIS 101 Computer Science 101 • CIS 103 Fundamentals of Programming • CIS 116 Operating Systems 1 • CIS 120 Intro to Computer Applications • COMPSFI 101 Networking Essentials • COMPSFI 102 Information Security • COMPSFI 202 Cybercrime and Security |
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Additional Career Pathway Courses: World Language - Spanish, Arabic • Campus Life Leaders • Northtown Teaching Assistant • Genesys Works

Clubs: Student Government • Tech Crew • Videogamers Club • Broadcasting Club

Manufacturing, Engineering, Technology & Trades

METT Careers

Certification/Associates Degree:

Advanced Manufacturing
 Aerospace Machinist
 Air Conditioner Tech
 Air Traffic Controller
 Aircraft Mechanic
 American Welding Society (AWS)
 Auto Assembler
 Auto Body Repair
 Auto Technician
 Bookbinder
 Cable Installer
 Cargo & Freight Agent
 Carpenter
 Cartographic Technician
 Civil Engineer Tech
 CNC Programmer
 Electronics Technician
 Engineering Tech
 Environmental Tech
 Furniture Assembler
 General Contractor/Building
 HVAC Technician
 Industrial Manufacturing
 Industrial Technician
 Machinist
 Manufacturing Technology
 Metrology/Measurement
 Mold Maker
 Musical Instrument Designer
 Nanotechnology Technician
 National Institute of Metalworking Skills (NIMS)
 Pipefitter
 Sheet Metal Worker
 Society of Manufacturing Engineers (SME)
 Technology & Manufacturing Aligned (TMA)
 Tool and Die Maker
 Welder

Bachelor's Degree or Higher:

Airline Pilot/Co-Pilot
 Architect
 Astronaut
 Civil Engineer, Electronics Engineer
 CNC Applications Engineer
 Industrial Systems Engineer
 Manufacturing Engineer
 Mechanical Engineer
 Plant Manager
 Product Design Engineer
 Quality Assurance inspector
 Safety Analyst

High School Schedule

9th Grade	10th Grade	11th Grade	12th Grade
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Math	Math	Math	Math
Science	Science	Science	Elective
Human Geography	World History	US History	Civics/ Elective
Public Speaking/ Composition 1	Elective	World Language	World Language
PE/Health	PE/ Elective	PE/ Elective	PE/ Elective (Recommend: Senior Seminar)
Elective	Elective	Elective	Elective
Lunch	Lunch	Lunch	Lunch

Career Pathway Courses

- Intro to Computer Science
- Art 1
- Art 2
- Graphic Design & Photo Editing
- Digital Film
- Statistics
- Physics

Suggested AP & Dual Credit Coursework

- | | |
|---|--|
| <ul style="list-style-type: none"> • AP Computer Science Principles • AP Pre-Calculus • AP Calculus • Art 103: Art Appreciation Dual Credit • Art 127: Printmaking Dual Credit | <ul style="list-style-type: none"> • AUTOTEC 101 • BUSINESS 111 Introduction to Business • ENGR 100 Elements of Engineering Drawing • ENGR 110 Introductory Drafting • ENGR 111 Intro to Engineering Profession • ENGR 131 Engineering Graphics • PHYSICS 131 Mechanics & Power • MATH 140 College Algebra |
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Additional Career Pathway Courses: World Language - Spanish, Arabic • Northtown Teaching Assistants • Campus Life Leaders • Chicago Builds Program • Genesys Works

Clubs: Automotive club • Tech crew • Video Gamers Club

Human and Public Services

HPS Careers

Certification/Associates Degree:

- 911 Operator
- Addiction Counselor
- Bomb Technician
- Certified Corrections Officer
- Child Care Assistant
- Coach
- Community Service Director
- Community Worker
- Cosmetology
- Court Reporter
- CPR Certification
- Dry Cleaner
- EMT Certification
- Esthetician
- Event Planner
- Fire Inspector
- Firefighter
- Floral Business
- Gateway ECE Credential
- Home Health Aide
- Housekeeping Business
- Interpreter
- Law Enforcement Officer
- Library Technician
- Massage Therapist
- Motivational Speaker
- OSHA Certification
- Paralegal Studies Certificate
- Paramedic Certificate
- Park Ranger
- Personal Fitness Trainer
- Police Canine Trainer
- Sign Language Interpreter
- Teacher Assistant
- Youth Services

Bachelor's Degree or Higher:

- Abuse Counselor
- Adult Literacy Teacher
- Art / Music Therapist
- Aviation Security Specialist
- Bioethicist
- Certified Financial Planner
- Clinical Psychologist
- Counselor / Vocational Counselor
- Criminologist
- Dietitian
- Early Childhood Educator
- Family Therapist
- FBI Agent
- Foreign Language Teacher
- Hospice Worker
- Immigration Officer
- Lawyer
- Legislator
- Librarian
- Political Scientist
- Psychiatrist
- Psychologist
- Social Worker / Caseworker
- Speech Language Pathologist
- Substance Abuse Counselor
- Teacher

High School Schedule

9th Grade	10th Grade	11th Grade	12th Grade
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Science	Science	Science	Elective
Human Geography	World History	US History	Civics / Elective
Public Speaking/ Composition 1	Elective	World Language	World Language
PE/Health	PE / Elective	PE / Elective	PE / Elective (Recommend: Senior Seminar)
Elective	Elective	Elective	Elective
Lunch	Lunch	Lunch	Lunch

Career Pathway Courses

- Economics
- Sociology
- Introduction to Computer Science
- Psychology
- Public Speaking
- Forensics
- Chicago History
- Law

Suggested AP & Dual Credit Coursework *See Career Pathway courses for additional Options

- | | |
|---|---|
| <ul style="list-style-type: none"> • AP Computer Science Principles • AP Language and Composition • AP Literature & Composition • AP US History • AP Psychology • AP Government & US Politics • English 101: Composition Dual Credit • English 102: Composition Dual Credit • Theater Art 132: Theater Production • Theater Art 133: Acting 1 | <ul style="list-style-type: none"> • BUSINESS 147 Civil Litigation • ARABIC 101 Arabic for Beginners I • MEN HLTH 223 Intro to Addiction Studies • OTA 106 Foundations of Human Occupation • PSYCH 201 General Psychology • SOC SER 102 Intro to Gerontology • SOC 201 Intro to the Study of Society • SPANISH 101 First Course Spanish • SPEECH 101 Fund of Speech Comm |
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Additional Career Pathway Courses: World Language - Spanish, Arabic • Art 1 • Art 2 • Beginning Band • Campus Life Leaders • Northtown Teaching Assistant • PE Leadership • Advanced Health • Chicago Police & Fire Training Academy • Chicago Builds Program • Composition 2 • Philosophy & Literature • Mythology • Science Fiction Literature & Media

Clubs: Student Government • Asian Student Alliance • Assyrian Club • Black Student Union • GSA • Unafraid Dreamers • NTA Thespians • Muslim Society • Debate Club • Just Keep Livin

Health Science and Technology

HST Careers

Certification/Associates Degree:

- Anesthesiologist Assistant
- Cardiographic Technician
- Certified Nursing Assistant (CNA)
- Clinical Medical Assistant
- Community Health
- Dental Hygiene
- Diagnostic Medical Sonography
- Dialysis Technician
- Dietary Manager
- Emergency Medical Services
- Emergency Medical Technician (EMT)
- Health Information Technology
- Hospital Admitting Clerk
- Massage Therapist
- Medical Transcriptionist
- Nursing
- Pharmacy Technician
- Phlebotomist
- Physical Therapy Assistant
- Practical Nursing (LPN)
- Radiologic Technology
- Respiratory Therapist
- Surgical Technician
- Ultrasound Technician
- Unit Coordinator
- Home Health Aide

Bachelor's Degree or Higher:

- Anesthesiologist
- Athletic Trainer
- Audiologist
- Chiropractor
- Dentist / Dental Technician
- Dietitian and Nutritionist
- Epidemiologist
- Ethicist
- Exercise Physiologist
- Geneticist
- Healthcare Administrator
- Medical Librarian
- Music Therapist
- Nano Scientist
- Nurse
- Nurse Practitioner
- Occupational Therapist
- Optometrist
- Paramedic
- Pharmacist / Pharmacy Technician
- Physical Therapist
- Physician / Surgeon
- Psychologist
- Speech Pathologist
- Therapist

High School Schedule

9th Grade	10th Grade	11th Grade	12th Grade
Freshman English	Sophomore English	Junior English	Senior English
Math	Math	Math	Math
Science	Science	Science	Elective
Human Geography	World History	US History	Civics/ Elective
Public Speaking/ Composition 1	Elective	World Language	World Language
PE/Health	PE/ Elective	PE/ Elective	PE/ Elective (Recommend: Senior Seminar)
Elective	Elective	Elective	Elective
Lunch	Lunch	Lunch	Lunch

Career Pathway Courses

- Varsity PE
- Forensics
- Advanced Health
- Psychology
- Statistics

Suggested AP & Dual Credit Coursework

**See Career Pathway courses for additional Options*

- AP Biology
- AP Pre-Calculus
- AP Calculus AB
- English 101: Composition Dual Credit
- English 102: Composition Dual Credit
- AP Language & Composition
- AP Psychology

- Biology 121 Biology I
- Biology 107 Nutrition
- Biology 120 Medical Terminology
- Psychology 201 General Psychology
- CHLD DV 101 Human Growth Development
- CHLD DV 107 Health, Safety, and Nutrition

Additional Career Pathway Courses: World Language - Spanish, Arabic •Campus Life Leaders •PE Leadership • Public Speaking • Sociology • Chicago Police & Fire Training Academy

Clubs: National Honors Society • Reptile Club •Tech Crew • Just Keep Livin • Strength Training Club