



Name of Career Cluster:

Food Products & Processing Systems, Plant Systems, Animal systems, Power, Structural & Technical Systems, Natural Resources Systems, Environmental Service Systems, Agribusiness Systems

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for agriculture, food and natural resources career cluster)	Animal Breeder Animal Care Coordinator Corn Breeder Crop Consultant
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Foods and Nutrition 1, 2 Hospitality Industry Hero Work Experience Dual Credit Applied Zoology AP Environmental Science Advanced Foods	Ecologist Environmental Consultant Farmer Flavor Chemist Food and Drug Law Specialist Food Safety Microbiologist Food Scientist Forest Ranger Natural Resource Manager Research Chef Seed Sales
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History <u>Jr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government <u>Sr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		

Colleges that offer some of these Programs:

Most Selective:
[Iowa State University](#)
[University of Illinois](#)

Very Selective:
[Michigan State University](#)
[Purdue University](#)
[University of Minnesota](#)
[University of Wisconsin](#)

Selective:
[Grand Valley State University](#)
[Southern Illinois University](#)
[University of Arizona](#)
[Western Illinois University](#)

Clubs and Activities:

FCCLA, Ecology Club, Fishing Club



Name of Career Cluster:

Design/Pre-Construction, Construction, Maintenance Operations

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for architecture and construction career cluster)	Architect Cabinet Maker Carpentry Civil Engineer Construction Cost Estimator Drafter Entrepreneur Environmental Designer Historic Renovation Specialist Landscape Designer Purchasing Manager Roofer Ship Builder Structural Engineer Woodwork
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Auto Tech 1 Advanced Auto Construction Tech 1, 2 Pre-Architectural /Interior Design Drafting/CAD Tech 1, 2 Electronics Technology Interrelated Technology Work Experience Internship: COOP	
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics Colleges that offer some of these Programs: AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History <u>Jr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar <u>Clubs and Activities:</u> Auto Club, FCCLA	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government <u>Sr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		

Colleges that Offer Some of these Programs:

Most Selective:

[Illinois Institute of Technology](#)
[Miami University \(OH\)](#)
[Notre Dame University](#)
[University of Illinois](#)

Very Selective:

[Iowa State University](#)
[Milwaukee School of Engineering](#)
[University of Illinois-Chicago](#)

Selective:

[Purdue University--Calumet](#)
[Western Illinois University](#)

Community College:

[College of Du Page](#)
[Triton College](#)



Name of Career Cluster:

Audio and Video Technology and Film, Printing Technology, Journalism and Broadcasting, Telecommunications, Performing Arts, Visual Arts

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for the arts, a/v, technology, & Communication career cluster)	Actor Art Director Art Teachers & College Professor Artist
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Intro to Broadcast Journalism Computer Animation Intro to TV Production Advanced TB Production Advanced Broadcast Journalism Media Publications Ldship.	Broadcast Technician Commercial & Industrial Designer Commercial Photographer Dancer Gallery Owners and Curators Graphic Designers & Computer Artists
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History <u>Jr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology	Web Design Graphic Arts Desktop Publishing Radio (Independent Study) Dance Tech 1, 2, 3, 4 Choreography 1, 2, 3 Repertory Dance Ensemble Fine Arts Survey Acting/Directing Advanced Acting/Improve Theater Tech Music Appreciation Bass/Treble Choir Chamber Choir Concert Chorale Spanish 1, 2, 3, 4	Illustrators and Animators Interior Designer Musician Painters and Sculptors Photographer Set Designer Telecommunication Technician Textile Designer Web Page Designer Writer
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government <u>Sr. Yr. SS Electives:</u> Urban Studies Sociology	AP Spanish Language AP Spanish Literature French 1, 2, 3, 4 AP French German 1, 2, 3, 4 AP German	<u>Colleges That offer these Programs:</u> <u>Most Selective:</u> Lawrence University University of Michigan Wheaton College <u>Very Selective:</u> Bradley University Knox College Loyola University University of Illinois-Chicago <u>Selective:</u> Columbia College Eastern Illinois University Northern Illinois University Rockford College Roosevelt University

Clubs and Activities:
RBTV, Art Club, Anime

Photo, Repertory Dance
Facets, Forensics, TriM,

Clarion, Rouser, RB16News
Improve Club, Orchesis

Psychology
AP Psychology

[Western Michigan University](#)



Name of Career Cluster:

General Management, Business Information Management, Human Resources Management, Operations Management, Administrative Support

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for business management and administration cluster)	Accounting Manager Accounts Payable Manager Administrative Services Manager Credit Manager Billing Manager Business Development Chief Executive Compensation and Benefits MGR Entrepreneur Facilities Manager General Manager Hospital Manager Human Resources Manager Logistics Specialist Manufacturing Manager Meeting and Convention Planner Operations Manager Payroll Manager Purchasing Manager Sports and Entertainment Manager
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Sociology Psychology AP Psychology Accounting 1, 2 Computer Applications 1, 2 Computer Animation Desktop Publishing Graphic Arts Intro Computer Programming Web Design Hospitality Industry Work Experience Spanish 1, 2, 3, 4 AP Spanish Language AP Spanish Literature French 1, 2, 3, 4 AP French German 1, 2, 3, 4 AP German	
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History <u>Jr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government <u>Sr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		

Colleges Offering Some of These Programs:

Most Selective:
[Franklin and Marshall](#)
[Indiana University](#)
[Notre Dame University](#)
[University of Illinois](#)
[University of Michigan](#)

Very Selective:
[Bradley University](#)
[De Paul University](#)
[Dominican University](#)
[Marquette University](#)
[University of Illinois-Chicago](#)

Selective:
[Benedictine University](#)
[Eastern Illinois University](#)

Clubs and Activities:

Math Club, Model United Nations, Student Association



Name of Career Cluster:

Administration and Administrative Support, Professional Support Services, Teaching/Training

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for agriculture, food and natural resources career cluster)	Adult Literacy Educator Assistant Principal Coach Director
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Foods and Nutrition 1, 2 Advanced Foods Hospitality Industry Hero Work Experience Dual Credit Applied Zoology	Elementary School Teacher High School Teacher Kindergarten Teacher Librarian Middle School Teacher Museum Curator
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History	AP Environmental Science Teaching Internship Child Care Family Relations Child Development	Postsecondary Teacher Preschool teacher Principal School Counselor Special Education Teacher Teaching Assistant Vocational Education Teacher
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government		

Clubs and Activities:
FCCLA, Ecology Club, Fishing Club

Colleges That Offer Some of These Programs:

Most Selective:

- [Boston College](#)
- [University of Illinois](#)
- [University of Iowa](#)
- [University of Michigan](#)
- [Vanderbilt University](#)
- [Wheaton College](#)

Very Selective:

- [Benedictine University](#)
- [Bradley University](#)
- [De Paul University](#)
- [Drake University](#)
- [Illinois State University](#)
- [Indiana University](#)
- [Loras College](#)
- [Marquette University](#)

Selective:

- [Elmhurst College](#)
- [Northern Illinois University](#)
- [Western Illinois University](#)



Name of Career Cluster:

Securities and Investments, Banking Services, Business Finance, Accounting Insurance

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for finance career cluster)	Accountant Accounting Manager Accounts Payable Manager Appraiser Assessor Auditor Bank Manager Bank Teller Business Finance Chief Financial Officer
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Accounting 1, 2 Computer Applications 1, 2 Consumer Economics COOP AP Statistics AP Computer Science	Claims Examiners Controller Credit Analyst Economist Financial Analyst Financial Planner Insurance Underwriter International Finance Market Research Analyst Money Manager Payroll Clerk or Supervisor Personal Banker Stockbroker
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History <u>Jr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology	College Algebra AP Calculus AB, BC AP Microeconomics AP Macroeconomics Economics	
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government <u>Sr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		

Colleges Offering Some of These Programs:

Most Selective:
[Franklin and Marshall](#)
[Indiana University](#)
[Notre Dame University](#)
[University of Illinois](#)
[University of Michigan](#)

Very Selective:
[Bradley University](#)
[De Paul University](#)
[Dominican University](#)
[Marquette University](#)
[University of Illinois-Chicago](#)

Selective:
[Benedictine University](#)
[Eastern Illinois University](#)

Clubs and Activities:

Math Club, Forum Club, Scholastic Bowl



Name of Career Cluster:

Governance, National Security, Foreign Service, Planning, Revenue and Taxation, Regulation, Public Management and Administration

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for government and public administration career cluster)	Elected Officials CIA/FBI IRS Accountant City Planning/Development City Worker Policy People Government Worker DMV Postal Worker
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Psychology Sociology Urban Studies AP World History Clarion Intro to TV Advanced TV Family Relations Web Design Broadcast Journalism Media Publications Ldship	
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History <u>Jr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government <u>Sr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology	<u>Very Selective:</u> Bradley University De Paul University Knox College Lake Forest College University of Illinois Chicago University of Wisconsin <u>Selective:</u> Carthage College Eastern Illinois University Illinois State University Michigan Sate University Southern Illinois University	

Colleges That Offer Some Of These Programs:

Most Selective:
[Columbia University](#)
[Grinnell College](#)
[Kalamazoo College](#)
[Macalester College](#)
[Northwestern University](#)
[University of Chicago](#)
[University of Illinois](#)

Clubs and Activities:

Forum Club, AST, Best Buddies, African American Cultural Association, Student Association, Forensics Club, Model UN, Forum Club, OLAS, GSA



Name of Career Cluster:

Diagnostic Services, Support Services, Health Informatics, Therapeutic Services, Biotechnology Research & Development

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for health science career cluster)	Audiology Athletic Trainer Counseling Dentistry Emergency Medicine Food Science Gerontology Laboratory Science Medical Records Medicine Nuclear Medicine Nursing Nutrition Occupational Therapy Pharmacy Physical Therapy Psychology Radiology Social Worker Speech-Language Pathology
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Child Development Child Care Psychology Family Relations Health Occupations COOP Sociology Sports Medicine Computer Applications 1, 2 Dual Credit	
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History <u>Jr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar <u>Clubs and Activities:</u> Forensics	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science Snowball, Science Club, Spanish,	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B Student Athletic Trainer	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government <u>Sr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		

Colleges That Offer Some Of These Programs:

Most Selective:

[De Pauw University](#)
[Illinois Wesleyan University](#)
[Northwestern University](#)
[University of Chicago](#)
[University of Illinois](#)

Very Selective:

[Ball State University](#)
[Loyola University](#)
[Miami University--Ohio](#)
[University of Illinois-Chicago](#)

Selective:

[Benedictine University](#)
[Carthage College](#)
[Northeastern Illinois University](#)
[University of Wisconsin-LaCrosse](#)



Name of Career Cluster: _____

Restaurants & Food/Beverage Services, Lodging, Travel & Tourism, Travel & Tourism, Recreation, Amusements, & Attractions

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for hospitality and tourism career cluster)	Adventure Travel Guide Animal Trainer Athlete Athletic Trainer
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Food and Nutrition 1 Foods and Nutrition 2 Spanish 1, 2, 3, 4 AP Spanish Language AP Spanish Literature French 1, 2, 3, 4 AP French German 1, 2, 3, 4 AP German Advanced Foods Services Hospitality Industry COOP HERO Dual Credit Health Occupations Leaders Training	Caterer Chefs and Head Cooks Club Manager Concierge Disc Jockey Event Planner Flight Attendants Florist Food Service Manager Hotel Administrator Hotel Owner Museum Director Restaurateur Sales Tour Guide Travel Agent Waiter
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History <u><i>Jr. Yr. SS Electives:</i></u> Urban Studies Sociology Psychology AP Psychology		
12	<u><i>Sr. Yr English Electives:</i></u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar	<u><i>Sr. Yr Math Electives:</i></u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u><i>Sr. Yr. Science Electives:</i></u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government <u><i>Sr. Yr. SS Electives:</i></u> Urban Studies Sociology Psychology AP Psychology		

Colleges That Offer Some Of These Programs:

Most Selective:
[Johnson and Wales](#)
[University of Illinois](#)
[Cornell University](#)

Very Selective:
[Kendall College](#)
[Roosevelt University](#)

Selective:
[Iowa State University](#)
[Southern Illinois University](#)
[University of Missouri](#)
[Western Illinois University](#)

Clubs and Activities:

FCCLA, French Club, Spanish Club, German Club, Ski and Snowboard Club



Name of Career Cluster:

Early Childhood Development & Services, Counseling and Mental Health Services, Family and Community Services, Personal Care Services, Consumer Services

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for human services career cluster)	Arbitrator Child Care Workers Child Welfare Worker Clinical Psychologist Counseling Psychologist
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Psychology Sociology Child Development Child Care Family Relations Health Occupations Teaching Internship Urban Studies	Family Therapist Home Care Worker Mediator Nanny Probation Officer Rehabilitation Counselor Social Worker
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History <u>Jr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government <u>Sr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		

Colleges That Offer Some of These Programs:

Most Selective:
[University of Illinois](#)
[University of Illinois—Chicago](#)
[University of Michigan](#)

Very Selective:
[Loyola University](#)
[Marquette University](#)
[University of Illinois--Springfield](#)

Selective:
[Arizona State University](#)
[Dominican University](#)
[Eastern Michigan University](#)
[MacMurray College](#)

Clubs and Activities:

African American Cultural Association, AST, Best Buddies, Bulldogs for Life, Cross Currents, FCCLA, Forum Club, Model UN, OLAS, GSA, Student Association, Snowball



Name of Career Cluster:

Network Systems, Information and Support Services, Web and Digital Communications, Program and Software Development

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for the Information Technology career cluster)	Computer Service Representative Data Processing Manager Data Specialist Database Administrator
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Exploring Technology Computer Application 1 Computer Application 2 Computer Animation AP Computer Science Desktop Publishing Graphic Arts	Database Analyst Database Designer Electronic Commerce Developer Help Desk Analyst Human Resources Info Specialist Information Officer
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History <u>Jr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology	Intro to Computer Programming Web Design Interrelated Technology Dual Credit Work Experience Drafting/CAD I	Instructional Technology Designer IT Specialist Network Administrator Project Manager Project Team Leader Quality Assurance Analyst Systems Consultant Technical Analyst Technical Evaluator Technical Researcher Technical Writer Web Analyst Web Designer
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government <u>Sr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		

Colleges That Offer Some Of These Programs:

Most Selective:
[Illinois Institute of Technology](#)
[Iowa State University](#)
[Macalester College](#)
[University of Chicago](#)
[Washington University—St. Louis](#)

Very Selective:
[Bradley University](#)
[Butler University](#)
[De Paul University](#)

Selective:
[Eureka College](#)
[Northeastern Illinois University](#)
[Northern Michigan University](#)
[Western Michigan University](#)

Clubs and Activities:

Math Club



Name of Career Cluster:

Correction Services, Emergency & Fire Management Services, Security and Protective Services, Law Enforcement Services, Legal Services

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for the Law, Public Safety, Corrections & Security career cluster)	Corrections Officer Counselor EMT/Paramedic FBI/CIA
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Urban Studies Psychology AP Psychology Sociology Dual credit	Fire Warden Firefighter Judge Lawyer Lifeguard Mediator
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History <u>Jr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology	Spanish 1, 2, 3, 4 French 1, 2, 3, 4 German 1, 2, 3, 4 Family Relations Child Development Health Occupations Sports Medicine Honors Sports Medicine Lifeguard Training Debate Broadcast Journalism	Paralegal Police Officer Detective Probation Officer Security Guard Sheriff Social Worker Special Agent
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government <u>Sr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		

Colleges That Offer Some Of These Programs:

- Most Selective:**
[Illinois Wesleyan](#)
[University of Chicago](#)
[University of Illinois—Chicago](#)
[University of Illinois](#)

- Very Selective:**
[Augustana College](#)
[De Paul University](#)
[Lake Forest College](#)
[Michigan State University](#)

- Selective:**
[Rockford College](#)
[Southern Illinois University](#)
[Western Illinois University](#)

Clubs and Activities:

Forensics Team, Forum Club, Student Association



Name of Career Cluster:

Production, Manufacturing Production Process Development, Maintenance, Installation, and Repair, Quality Assurance, Logistics & Inventory Control, Health, Safety, and Environmental Assurance

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for the manufacturing career cluster)	Aircraft Engine Specialist Automotive Specialty Tech Baker Computer Design Cosmetic Designers Electrical Engineers Healthy, Safety, and Environmental Assurance Specialist Industrial Production Managers Jewelers Meat Packing Mechanical Engineers Metal Fabricators Molding and Casting Workers Printing Quality Assurance Specialist Textile Manufacturing Tool and Die Makers
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Exploring Technology Construction Technology Auto I, II Computer Applications I,II Computer Animation Desktop Publishing Graphic Arts Intro to Computer Programming AP Computer Science Web Design Dual Credit Work Experience Interrelated Technology AP Physics Physics/Technology Drafting CAD Pre-Architectural Pre-Engineering Foods Nutrition I, II	
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History <u>Jr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government <u>Sr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology	<u>Colleges That Offer Some Of These Programs:</u> <u>Automotive:</u> College of Du Page Triton College Southern Illinois University-Carbondale Ferris State University <u>Cosmotology:</u> College of Du Page Pivot Point Tricoci University Paul Mitchell	
<u>Clubs and Activities:</u> Ecology Club, Science Club, Student Association, Auto Club						



Name of Career Cluster:

Marketing Management, Professional Sales, Merchandising, Marketing Communications, Marketing Research

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for marketing career cluster)	Advertising and Promotions Manager Media Buyer Account Executive Advertising Sales Director
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Accounting I, II Computer Applications I, II Computer Animation Desktop Publishing Graphic Arts Web Design	Buyer Customer Service Rep Demonstrators and Product Promoters Market Analyst
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History <u>Jr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology	Digital Imaging I, II Dual Credit Work Internship Photo I, II Intro to TV Advanced TV Intro to Broadcast Journalism Advanced Broadcast Journalism Media Publications Ldship.	Marketing Manager Product and Brand Manager Public Relations Real Estate Sales Agent Retail Salesperson Sales Manager Sales Representative Sports or Entertainment Agent
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespear Seminar	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government <u>Sr. Yr. SS Electives:</u> Urban Studies Sociology Psychology AP Psychology		

Colleges That Offer Some Of These Programs:

Most Selective:
[Indiana University](#)
[University of Illinois](#)
[University of Michigan](#)

Very Selective:
[De Paul University](#)
[Marquette University](#)
[Michigan State University](#)
[University of Dayton](#)
[Valparaiso University](#)

Selective:
[Monmouth College](#)

Clubs and Activities:

Speech Team, Art Club, Clarion, Rouser



Name of Career Cluster:

Engineering & Technology, Science & Math

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for the science, technology, engineering, and math career cluster)	Accountant Actuary Aerospace Engineer Agricultural Engineer Agricultural Economist Biomedical Engineer Chemical Engineer Civil Engineer Cryptologist Environmental Engineer Finance
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Intro to Broadcast Journalism Computer Animation Intro to TV Production Advanced TV Production Advanced Broadcast Journalism	Information Systems Consultant Mechanical Engineer Metallurgy Engineer Nuclear Engineer Ocean Engineer Research Scientist Science or Math Educator Software Developer Software Engineer Statistician
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History	Digital Imaging I, II Construction Tech I, II Drafting CAD I, II Electronics Technology Exploring Technology Interrelated Technology Physics and Technology Pre-Engineering: Advanced Drafting/CAD	
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government		

Colleges That Offer Some Of These Programs:

Most Selective:
[University of Illinois](#)
[Iowa State University](#)
[University of Notre Dame](#)
[Illinois Institute of Technology](#)
[Washington University](#)

Very Selective:
[Marquette University](#)
[Purdue University](#)
[University of Illinois Chicago](#)
[Indiana University](#)
[Bradley University](#)

Clubs and Activities:

Ecology Club, Forensics Club, Math Club, Science Club, Student Association



Name of Career Cluster:

Transportation Operations, Logistics Planning & Management Services, Warehousing & Distribution Center Operations, Facility & Mobile Equipment Maintenance, Transportation Systems/Infrastructure Planning, Management & Regulation, Health Safety & Environmental Management Sales & Service

Grade	English	Math	Science	Social Studies	Elective Courses	Possible Careers
9	English 9 Honors English 9	Algebra Honors Algebra Honors Geometry	Intro to Scientific Inquiry Biology Honors Biology Zoological Research	Western Civilization Consumer Economics	(for the transportation, distribution, and logistics career cluster)	Airplane Pilot/Co-Pilot Auto Mechanic Avionics Technician Cargo and Freight Agent
10	English 10 Honors English 10	Geometry Honors Geometry Honors Alg 2/Trig	Biology and Environment Earth Science A&B Chemistry Honors Chemistry Zoological Research	Western Civilization Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History	Computer Animation Graphic Arts Web Design Auto Tech 1, 2 Advanced Auto Exploring Technology Construction Technology Computer Application 1, 2	Customs Inspector Environmental Manager Facility Engineer Industrial Equipment Mechanic Industrial and Packaging Engineer International Logistics Specialist
11	American Literature AP Language/Comp American Studies	Algebra 2 Trig Honors Alg 2/Trig AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	Applied Chem/Physics Physics Honors Physics Earth Science Applied Zoology AP Environmental Science	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US History AP US History ESL US History	Dual Credit Work Experience	Locomotive Engineer Marine Captain Port Manager Safety Analyst Storage and Distribution Manager Transportation Manager Truck Driver Urban and Regional Planner Warehouse Manager
12	<u>Sr. Yr English Electives:</u> AP Literature World Lit A,B,C,D Contemporary A,B,C,D Debate Creative Writing Journalism Broadcast Journalism Shakespeare Seminar	<u>Sr. Yr Math Electives:</u> College Algebra Tech Math Concepts AP Calculus AB AP Calculus BC AP Statistics AP Computer Science	<u>Sr. Yr. Science Electives:</u> Applied Zoology AP Environment Science AP Chemistry AP Biology AP Physics Physics/Technology Earth Science A&B	Consumer Economics Economics AP Micro Economics AP Macro Economics AP European History Global Area Studies A/B US Government AP US Government		

Colleges That Offer Some Of These Programs:

Most Selective:
[University of Illinois](#)
[St. Louis University](#)
[Purdue University](#)
[University of North Dakota](#)

Very Selective:
[Ohio State University](#)

Selective:
[Southern Illinois University](#)
[Western Michigan University](#)

Clubs and Activities:
Auto Club, Ecology Club, Cycling Club, Student Association