

# Minnesota Career Fields, Clusters & Pathways

## ■ Marketing

- > Merchandising
- > Marketing Management
- > Marketing Communications
- > Marketing Research
- > Professional Sales

## ■ Business, Management, and Administration

- > Administrative Support
- > Operations Management
- > Business Information Management
- > Human Resources Management
- > General Management

## ■ Hospitality and Tourism

- > Lodging
- > Recreation, Amusements and Attractions
- > Restaurants and Food/Beverage Services
- > Travel and Tourism

## ■ Agriculture, Food, and Natural Resources

- > Animal Systems
- > Agribusiness Systems
- > Environmental Service Systems
- > Food Products and Processing Systems
- > Natural Resources Systems
- > Plant Systems
- > Power, Structural, and Technical Systems

## ■ Finance

- > Banking Services
- > Business Finance
- > Securities and Investment
- > Accounting
- > Insurance

## ■ Arts, Audio/Video Technology, and Communications

- > Audio/Video Technology and Film
- > Journalism and Broadcasting
- > Performing Arts
- > Printing Technology
- > Communications Technology
- > Visual Arts

## ■ Information Technology

- > Information Support and Services
- > Network Systems
- > Programming and Software Development
- > Web and Digital Communications



Minnesota  
STATE COLLEGES  
& UNIVERSITIES

Minnesota Department of  
Education

### CAREER FIELD

Agriculture, Food,  
& Natural Resources

CAREER FIELD  
Business, Management,  
& Administration

CAREER FIELD  
Arts, Communications, &  
Information Systems

### Foundation Knowledge & Skills

Problem Solving • Critical Thinking  
Employability • Citizenship • Ethics  
Career Development • Integrity • Teamwork  
Legal Responsibilities • Academic Foundations  
Technology Application • Communications  
Safety, Health & Environment • Leadership  
Technical Literacy • Cultural Competence  
Lifelong Learning • Financial Well-Being  
Organizational & Global Systems  
Creativity • Innovation

CAREER FIELD  
Human Services

CAREER FIELD  
Engineering,  
Manufacturing, & Technology

Health Science  
Technology

## ■ Law, Public Safety, Corrections, and Security

- > Correction Services
- > Emergency and Fire Management Services
- > Law Enforcement Services
- > Legal Services
- > Security and Protective Services

## ■ Human Services

- > Consumer Services
- > Counseling and Mental Health Services
- > Early Childhood Development and Services
- > Family and Community Services
- > Personal Care Services

## ■ Government and Public Administration

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

## ■ Education and Training

- > Administration and Administrative Support
- > Professional Support Services
- > Teaching/Training

## ■ Transportation, Distribution, and Logistics

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

## ■ Architecture and Construction

- > Construction
- > Design/Pre-construction
- > Maintenance/Operations

## ■ Manufacturing

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

## ■ Science, Technology, Engineering, and Mathematics

- > Engineering and Technology
- > Science and Mathematics

## ■ Health Science

- > Biotechnology Research and Development
- > Diagnostic Services
- > Support Services
- > Health Informatics
- > Therapeutic Services

Learn about Programs of Study  
[www.mnprogramsofstudy.org](http://www.mnprogramsofstudy.org)

Career and Technical Education  
[www.learningthatworks.org](http://www.learningthatworks.org)

### Legend:

- = Career Cluster
- > = Career Pathway

Explanation provided on reverse side.

# ANOKA HIGH SCHOOL CAREER COURSES

TAKE THE COURSES OFFERED AT ANOKA HIGH SCHOOL FOR THE CAREER FIELDS THAT INTEREST YOU.

## Business, Management and Administration

### English Language Arts

- Public Speaking
- College Hon Public Speaking

### Business Education

- Business Management
- Entrepreneurship
- International Business
- Business Internship
- Marketing and Management Internship
- Hospitality and Tourism
- Personal Money Management
- Intro to Computers
- Keyboarding
- Marketing
- Advertising and Sales
- Accounting I
- Accounting II
- Building Wealth Through Investing
- Business Internship

### Family and Consumer Science

- Intro to Culinary Arts
- Culinary Arts I
- Culinary Arts II
- Nutrition
- Food Science
- Consumer Strategies
- STEAM Foundations
- Interpersonal Relationships
- FACS Internship

### Social Studies

- Sociology
- Psychology
- America Through Multimedia
- Modern Global Issues
- Globetrekker
- Hon African American Studies

### Math

- Hon PreCalculus
- AP Statistics
- College Algebra
- AP Calculus

### World Language

- All levels of Spanish, French, German and ASL

### Music

- All levels of Choir, Orchestra and Band

## Human Services

### English Language Arts

- Public Speaking
- College Hon Public Speaking

### Business Education

- Business and Personal Law

### Family and Consumer Science

- Child and Human Development
- Early Childhood Careers
- Education, Teaching and Training
- Interpersonal Relationships
- FACS Internship

### Math

- CIS Math Modeling & Prediction

### Career and Technical Education

- Medical Anatomy I
- Medical Anatomy II
- Medical Terminology and Careers

### Social Studies

- Sociology
- Psychology
- Criminal Justice
- Globetrekker
- Modern Global Issues
- Hon African American Studies
- Youth Issues
- America Through Multimedia

## Health Science

### English Language Arts

- Public Speaking
- College Hon Public Speaking

### Family and Consumer Science

- Nutrition
- Food Science

### Business Education

- Intro to Computers
- Keyboarding

### Science

- Hon Chemistry II
- Hon Biology II: Anatomy/Physiology
- Biology II: Physiology/Anatomy
- Hon Biology II: Genetics and Biotechnology
- Physics

### Social Studies

- Sociology
- Youth Issues
- Psychology
- Criminal Justice

### World Language

- All levels of Spanish, French, German and ASL

### Music

- All levels of Choir, Orchestra and Band

## Arts, Communications and Information Systems

### English Language Arts

- Academic Writing Foundations
- Acting I
- Acting II
- Acting III
- Convergence Journalism
- Creative Writing I
- Creating Writing II
- Debate I
- Hon Debate II
- Exploring the Modern Novel
- Hon Humanities
- Introduction to Journalism
- Public Speaking
- College Public Speaking
- Television Journalism
- Yearbook Lab I, II, III

### Art (All levels)

- Drawing
- Painting
- Ceramics
- Sculpture
- Jewelry & Craft Design
- Computer Arts
- Video Arts
- AP Studio Art Drawing
- AP Studio Art 2D
- AP Studio Art 3D

### Business Education

- Computer Programming
- AP Computer Science
- PLTW Computer Science Principles
- Video Game Design and Marketing
- Web Page Coding for Business
- Social Media Marketing and Web Design
- Computer Applications
- Business Internship

### Family and Consumer Science

- Interior Design and Housing
- Fabric Apparel and Design
- Interpersonal Relationships
- FACS Internship

### Music

- All levels of Choir, Orchestra and Band

### Science

- STEAM Foundations

### Social Studies

- Youth Issues
- America Through Multimedia
- Sociology
- Psychology

### Technology Education

- Digital Photography I
- Digital Photography II
- Digital Videography
- Graphic Design I
- Graphic Design II
- Graphic Design III

### World Language

- All levels of Spanish, French, German and ASL

## Engineering, Manufacturing and Technology

### Family and Consumer Science

- Interior Design and Housing
- FACS Internship
- STEAM Foundations

### Math

- CIS Math Modeling & Prediction

### Music

- All levels of Choir, Orchestra and Band

### Science

- Physics
- Hon Chemistry II

### Social Studies

- America Through Multimedia
- Criminal Justice

### Technology Education

- Wood Tech I
- Wood Tech II
- Wood Tech III
- Design and Fabrication I
- Design and Fabrication II
- Metal Technology I
- Metal Technology II
- Outdoor Power and Equipment
- Power Sports Engines
- Auto Technology I
- Auto Technology II
- Auto Technology III
- Home Maintenance
- STEAM Foundations
- STEAM Integrated Engineering
- SKILLS USA Internship

### World Language

- All levels of Spanish, French, German and ASL

## Agriculture, Food and Natural Resources

### Family and Consumer Science

- Intro to Culinary Arts
- Culinary Arts I
- Culinary Arts II
- Nutrition
- Food Science
- Consumer Strategies
- Interpersonal Relationships
- STEAM Foundations
- FACS Internship

### Music

- All levels of Choir, Orchestra and Band

### Science

- Outdoor Adventures
- Hon Chemistry II
- Meteorology
- Astronomy
- Geology
- Physics

### Social Studies

- Modern Global Issues
- Globetrekker
- Biology II: Genetics and Biotechnology
- CIS Hon Energy & the Environment

### Career and Technical Education

- Animal Management
- Pre-Vet Animal Science
- College Hon Animal Science
- Fish and Wildlife Ecology
- Fish and Wildlife Zoology
- Seasonal Horticulture
- Greenhouse Management
- Global Food Challenge

### World Language

- All levels of Spanish, French, German and ASL

## FOUNDATIONAL Knowledge and Job Skills for the 21st Century

### Skills necessary for success in the 21st century and beyond are:

- Collaboration and Team work
- Creativity and Imagination
- Critical Thinking
- Problem Solving

### All departments teach these skills including:

- Music
- Physical Education
- Reading
- Special Education
- Driver's Education