Pathway for every student to succeed and thrive in our community.
Our Mission
The Bemidji Career Academies create unique learning opportunities for students and business/industry partners to collaborate and prepare the next generation of employees and community leaders.

Top 5 Student Values for the Bemidji Career Academies
• Self Exploration
• Value All Work
• Collaboration with Partners
• We Support curiosity to Explore Careers
• Relevant Learning Experiences

New Academies
Leadership
Law Enforcement
Fire and Rescue
Entrepreneur
Culinary Arts
Agriculture

Academies We Offer
Business Management
PLTW Engineering
Construction Trades
Mechatronics
Light, Sound & Video
Health Careers
Aerospace Technology
Natural Resources Management
Automotive Technology
Child Care & Education
Art & Design
Information Technology

Top 6 Reasons we developed the Bemidji Career Academies
• Sense of Belonging
• Hope
• Self Confidence
• Sense of Self Worth
• Independence
• More Prepared

Let’s get started!
Business Management Academy

The Business Management Career Academy is a competency based training program designed to prepare graduating students for successful employment in the business world with a focus on small business management. The academy will help prepare the graduates with skills in accounting, business administration, marketing, and an appreciation of business ethics. The combination of job skills and appreciations gained through this training is highly transferable to most jobs in local businesses.

Career Options
High school, two year college, four year college: Related service employment such as manager, general manager, accountant, auditor, attorney, compliance officer, business executive, entrepreneur, sales executive, marketing executive, financial analyst, actuary, buyer, budget analyst, advertising executive, purchasing agent, financial advisor, financial examiner, public relations specialist.

Required Courses:
- Word Processing/Keyboarding I
- Computer Applications
- Introduction to Computer Technology
- College Introduction to Business
- Work Seminar
- Real World Experience

Recommended Courses:
- Personal Finance
- Word Processing/Keyboarding II
- College Financial Literacy
- Criminal & Civil Law
- Contract Law
- Introduction to Public Speaking
- Statistics
- AP/College Economics
- AP Psychology
- Psychology of Human Behavior & Personality
- Philosophy & Human Values

Visit our website for more information at BemidjiCareerAcademies.com

All students are REQUIRED to take one of these in order to graduate with an ACADEMY AWARD.

JOB-SHADOWING • INTERNSHIP • WORK-BASED LEARNING

Contact: Lynn Falk  |  School-to-Work Coordinator  |  218.444.1600 ext. 63357  |  lynn_falk@isd31.net
The Project Lead the Way PLTW Engineering Academy allows students to engage in open-ended problem-solving, learn and apply the engineering design process, and use the same industry-leading technology and software as are used in the world's top companies. Students are immersed in design as they investigate topics such as sustainability, mechatronics, forces, structures, aerodynamics, digital electronics and circuit design, manufacturing, and the environment which gives them an opportunity to learn about different engineering disciplines before beginning post-secondary education or careers. They learn about how to apply STEM knowledge skills and habits of mind to make the world a better place through innovation. Project Lead the Way classes promote hands-on experience applying math and science concepts to solving real-life problems.

**Career Options**

**High school and 2-year college:**
CAD Technician, Machine Tool Technician, Robot Technician, Electrical Technician, Surveying Technician.

**Four-year college or more:**
Any Engineering degree, Engineering is the most versatile degree to receive for a career in business and industry.

**Required Courses:**
- Introduction to Engineering Design
- Principles of Engineering
- Robotics
- Work Seminar
- Real World Experience

**Choose at least one of the following:**
- Aerospace Engineering
- Civil Engineering and Architecture
- Computer Integrated Manufacturing
- Digital Electronics
- Engineering Design & Development

**Recommended Courses:**
- Machine Tool Technology
- Advanced Machine Tool Technology
- Basic Welding
- Advanced Welding
- Electricity and Electronics

**Foundational Classes:**
Work Seminar, Advanced Math and Science options

Visit our website for more information at BemidjiCareerAcademies.com

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**Contact:** Lynn Falk | School-to-Work Coordinator | 218.444.1600 ext. 63357 | lynn_falk@isd31.net
The Construction Trades Career Academy is a competency based training program designed to assure graduating students have demonstrated knowledge and skills essential to perform basic skills in the construction workplace. The Academy will prepare students for jobs which require constructional skills including: woodworking, basic rough framing, roofing, basic drywall installation, and working from a set of blueprints. The Construction Trades Academy training will prepare graduates to enter the building trades sector in positions such as: carpenter, carpenter helper, drywall installer, roofer, mason assistant, cabinet maker assistant, landscape worker, and painter. The combination of skills gained through this training is highly transferable to construction trades jobs in many sectors of the economy.

**Career Options**
**High school and 2-year college:**
Carpenter, carpenter helper, drywall installer, roofer, mason assistant, cabinet maker assistant, landscape worker, and painter.

**Required Courses:**
- Woodworking I
- Woodworking II
- Advanced Woodworking
- Construction Technology I
- Advanced Construction Technology
- Work Seminar
- Real World Experience

**Recommended Courses:**
- Drafting I through CAD
- Drafting II through CAD
- Introduction to Industrial Technology
- Electricity and Electronics I
- Project Lead the Way courses

**Foundational Classes:**
Work Seminar and Math Options

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JOB-SHADOWING • INTERNSHIP • WORK-BASED LEARNING

Contact: Lynn Falk | School-to-Work Coordinator | 218.444.1600 ext. 63357 | lynn_falk@isd31.net
The Mechatronics Academy is a competency-based training program designed to assure graduating students have demonstrated knowledge and skills essential to perform troubleshooting, service, and repair on mechatronical and electrical systems in an industrial setting. This Academy will prepare trainees for jobs which require electrical, mechanical, computer, robotics, and automation skills sets. The electromechanical and robotics training provided in the Mechatronics Academy will prepare graduates to enter the industrial sector in positions such as industrial maintenance technician, automated manufacturing technician, electrical technician, mechanical technician, and industrial maintenance and repair. The combination of skills gained through this training is highly transferable to technician jobs in many industry sectors.

**Career Options**

**High school and 2-year college:**
Industrial maintenance technician, automated manufacturing technician, electrical technician, mechanical technician, and industrial maintenance and repair.

**Four-year college or more:**
Any Engineering degree, Engineering is the most versatile degree to receive for a career in business and industry.

**Required Courses:**
**Must have at least 4 of the courses below**

- Certified Production Technician Safety
  (MSSC: Manufacturing Skill Standards Council)
- Mechatronics (Mechanical Fabrication)
- Mechatronics (AC/DC Electrical Systems)
- Mechatronics (Basic Hydraulics)
- Mechatronics (Rotating Electrical Machines)
- Work Seminar
- Real World Experience

**Recommended Courses:**

- Introduction to Industrial Technology
- Electricity and Electronics
- Machine Tool Technology
- Advanced Machine Tool Technology

**Foundational Classes:**
Work Seminar and Math Options

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**JOB-SHADOWING • INTERNSHIP • WORK-BASED LEARNING**

Contact: Lynn Falk | School-to-Work Coordinator | 218.444.1600 ext. 63357 | lynn_falk@isd31.net
Light, Sound & Video Academy

The Light, Sound and Video Technician Academy is a program designed to provide graduating students with technical experiences in light and sound reproduction for performance enhancement for large or small group audiences. The combination of skills gained through this training is highly transferable to technical jobs in many venues.

Business and Industry Experiences
Students in the Light, Sound and Video Academy will participate in technical support at BHS Auditorium or Sanford Center as deemed appropriate. Students may have job shadowing experience with technical support staff at BHS, Sanford Center or Nlfx.

Post-Secondary Programs
Upon successful completion of the Light, Sound and Video Academy, the student may be encouraged to apply for admission to Blackbeard Academy, Nashville, TN for further study.

Required Courses:
- Electricity and Electronics I
- Introduction to Video Communications
- Advanced Video
- First Aid & CPR
- Work Seminar
- Real World Experiences

Recommended Courses:
- General Physics
- Drafting I through CAD
- AV Tech Club

Foundational Classes:
Work Seminar and Math Options

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Contact: Lynn Falk | School-to-Work Coordinator | 218.444.1600 ext. 63357 | lynn_falk@isd31.net
Healthcare Advanced Track:
The goal of this track is to prepare students interested in a healthcare career that requires a four-year degree or higher. Examples of these careers include, but are not limited to medical doctor, physical therapist, physician assistant, health educator, and veterinarian.

**Required Courses:**
- First Aid & CPR
- Medical Terminology
- Health Careers Exploration
- Psychology of Human Behavior & Personality
- Anatomy & Physiology A
- Anatomy & Physiology B
- Chemistry
- Work Seminar
- Real World Experience

**Recommended Courses:**
- Nursing Assistant
- Word Processing/Keyboarding I
- Kinesiology and Exercise Science
- Healthy Food, Nutrition & Wellness
- Physics
- College Algebra

Healthcare Track:
The goal of this track is to prepare students interested in a healthcare career that requires a certificate or associates degree. Examples of these careers include but are not limited to practical nurse, registered nurse, surgical technician, laboratory technician, and medical coding specialist.

**Required Courses:**
- First Aid & CPR
- Medical Terminology
- Health Careers Exploration
- Psychology of Human Behavior & Personality
- Anatomy & Physiology A
- Anatomy & Physiology B
- Nursing Assistant
- Work Seminar
- Real World Experience

**Recommended Courses:**
- Chemistry
- Healthy Food, Nutrition & Wellness

Healthcare Support Track:
The goal of this track is to prepare students interested in a healthcare career that does not require an advanced degree. Examples of these careers include, but are not limited to materials management, food services, and environmental services.

**Required Courses:**
- First Aid & CPR
- Work Seminar
- Real World Experience

**Recommended Courses:**
- Medical Terminology
- Healthy Food, Nutrition & Wellness
The Aerospace Technology Career Academy is a skills based program designed to prepare graduating students with basic knowledge, skills, and hands-on experience to help prepare them to work in the fast paced and rapidly changing world of aerospace sciences. Credit earned in this program will help the graduate enroll in a two- or four-year program at an institution of higher learning offering aerospace technology.

Job Outlook
Aerospace Technology Careers- 0.5% growth for Northern Minnesota.

Career Options
Aerospace Technicians are often employed at airports as flight personnel, pilots, ground support, etc.

Academic Completion Standard
- Successful completion of this course prepares the student for:
  - Enrolling in two- or four-year program at an institution of higher education.
  - Taking the Ground School Certification exam from the FAA.
  - Having a fundamental understanding of flight and the operation of an aircraft.

Required Courses:
- Aerospace Engineering
- Robotics
- Principles of Engineering
- Work Seminar
- Real World Experience

Recommended Courses:
- Introduction to Engineering Design
- College Physics

Foundational Classes:
Work Seminar and Math Options

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JOB-SHADOWING • INTERNSHIP • WORK-BASED LEARNING

Contact: Lynn Falk | School-to-Work Coordinator | 218.444.1600 ext. 63357 | lynn_falk@isd31.net
The Art and Design Career Academy is a competency based program designed to assure graduating students have demonstrated knowledge and skills essential to graphic design and digital display of data. The combination of skills gained through this training is highly transferrable to technical jobs in many sectors of the economy.

**Job Skills:**
- Use creative problem solving skills
- Time Management
- Manage Tools and Equipment
- Original Thought and Creativity
- Analyze needs and requirements when designing products

**Career Options:**
- Graphic Design Careers
- Web Developers - This career is currently in very high demand.
- Fine Artists

**Required Courses:**
- Introduction to Graphic Design
- Introduction to Photoshop
- Advanced Photoshop
- Ceramics I or Introduction to Sculpture
- College Photography and Digital Imaging
- Work Seminar
- Real World Experience

**Recommended Courses:**
- Art I Drawing
- Art I Color & Design
- Printmaking
- Drafting I through CAD
- Drafting II through CAD

**Foundational Skills Classes:**
Work Seminar and Math Options

Visit our website for more information at BemidjiCareerAcademies.com
The Natural Resources Management Career Academy is a program designed to provide students with knowledge and skills regarding the management of earth's natural resources. Students will focus on sustainability and stewardship of ecosystems. Graduating students will be prepared to enter the natural resources management workplace or continue their education in natural resources management at post-secondary educational institutions.

Job Outlook
Environmental Conservation Careers - 10.6% growth for Central Minnesota

Career Options
• High school and two year college: Conservation Officer
• Four year college or more: Wildlife Biologist, Forester

Internship Credit:
An internship with the Minnesota Department of Natural Resources, Beltrami County Soil & Water Conservation District, or US Forestry Department is required for students to complete this course of study. These internships are arranged by the instructor/counselor at Bemidji High School and require at least nine (9) weeks in the field of study.

Required Courses:
• Environmental Science
• Work Seminar
• Real World Experience

Recommended Courses:
• Philosophy and Human Values
• Forensic Science

Foundational Classes:
Science Investigation I & II, Biology or Applied Biology or AP Biology

Visit our website for more information at BemidjiCareerAcademies.com

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Contact: Lynn Falk | School-to-Work Coordinator | 218.444.1600 ext. 63357 | lynn_falk@isd31.net
The Automotive Technology Career Academy is a skills/attitude based program designed to prepare graduating students with knowledge, skills, and hands-on experience to help prepare them to work in the fast-paced and rapidly changing field of automotive technology. Credits earned in this program will help the graduate enroll in a two-year Associates of Arts program or in an industry recognized course of study such as NATEF, AYES, or ASE certification to prepare them for a career in automotive technology or diesel mechanics.

**Job Outlook**
Automotive Technology Careers – 4.5% growth for Central Minnesota

**Career Options**
Automotive Technology graduates are often employed by area car dealerships, independent garages and service stations, and implement dealerships.

**Academic Completion Standard:**
- Open to: 11-12 grades
- Having a fundamental understanding of automotive technology and operation of gasoline and diesel motors.

**Required Courses:**
- Automotive Technology I
- Brake Systems
- Steering and Suspension
- Automotive Electrical
- Engine Performance
- Work Seminar
- Real World Experience

**Recommended Courses:**
- Automotive Electronics
- Introduction to Industrial Technology

**Foundational Classes:**
Work Seminar and Math Options
Child Care & Education Academy

The Child Care and Education Career Academy is a skills/attitude based program designed to assist graduating students in acquiring knowledge, skills, and appreciations essential to working in the fast-paced and rapidly changing field of education and child care. Credits earned in this academy will help the graduate enroll in a two-year Associate of Arts program designed to prepare candidates for a career as a paraprofessional educator, daycare provider, educator.

Job Outlook

• Childcare and Early Childhood Education job opportunities continue to grow. Expected growth in Northern Minnesota is 7.6% through 2024.
• Paraprofessional Educator Careers are also growing. Expected growth in these jobs is 0.1% in Northern Minnesota.

Career Options

Daycare and preschool learning programs are a rapidly growing area of employment. Paraprofessional educators are often employed by school districts and private education agencies to help students succeed in coursework and academic/personal challenges.

Required Courses:

• Child Care and Education
• Child in the Family
• First Aid & CPR
• Psychology of Human Behavior & Personality
• Work Seminar
• Real World Experience

Recommended Courses:

• Advanced Placement Psychology
• American Sign Language I
• American Sign Language II
• Introduction to Public Speaking
• College Writing I
• Introduction to Sculpture
• Art I Drawing

Foundational Classes:

Work Seminar

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The Information Technology Academy is a competency based training program designed to assure graduating students have demonstrated knowledge and skills essential to the development, implementation, and use of computer hardware, software, services, and infrastructure. The Information Technology Academy will help prepare students to enter the Information Technology field in positions such as application developer, computer programmer, database administrator, network administrator, security specialist, web developer, software engineer, IT support specialist, etc. The combination of skills gained through this academy is highly transferrable to technical jobs in many industry sectors.

**Career Options:**

**Network/Computer Systems Administrator | Average Pay: $32-48/hour**

Description: Install, configure, and support an organization’s local area network (LAN), wide area network (WAN), and Internet systems. Monitor network to ensure network availability to all system users and perform necessary maintenance to support network availability.

**Software Developer | Average Pay: $41-62/hour**

Description: Research, design, develop, and test operating systems-level software, compilers, and network distribution software for medical, industrial, military, communications, aerospace, business, scientific, and general computing applications.

**Required Courses:**

- Introduction to Computer Technology
- Computer Applications
- Word Processing/Keyboarding I
- Robotics
- Work Seminar
- Real World Experience
- Application, Web Design and Coding

**Recommended Courses:**

- College Problem Solving & Computer Science
- College Introduction to Business
- Technical Writing
- Basic Accounting
- Civil & Criminal Law
- Word Processing/Keyboarding II
- Drafting I through CAD
- College Financial Literacy
- Electricity & Electronics

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**JOB-SHADOWING • INTERNSHIP • WORK-BASED LEARNING**

Contact: Lynn Falk | School-to-Work Coordinator | 218.444.1600 ext. 63357 | lynn_falk@isd31.net
Have you ever wished you were the boss? Did you ever think you had a good idea for a product or service? Do you like to plan your own day and make your own decisions? If so, then you may consider the Entrepreneur Academy as a career. Statistics show that 65 percent of those who start a business are relatively young, between the ages of 25 and 40. If you are a business-minded person who has thought about owning a business in the future. Entrepreneurship will introduce you to the process of starting and managing your own business. Students will create a business plan that includes market research, self-analysis, industry trends, forms of organization, hiring employees, setting goals, defining target markets, the marketing mix, managing risk, and a financial plan.

**Career Options:**
Sales Manager, Financial advisor, Analyst, Store Manager, Director of Sales, Marketing Coordinator, Vice President of Marketing

**Required Courses:**
- Basic Accounting
- Personal Finance
- Introduction to Public Speaking
- College Writing I
- Work Seminar
- Computer Applications
- College Problem Solving & Computer Science
- Real World Experience

**Job Skills:**
- Management
- Social/Interpersonal
- Processing
- Mathematics
- Listening Skills
- Effective Communication
- Problem-Solving
- Persuading/Influencing Others
- Integrity

**Foundational Classes:**
Work Seminar

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**JOB-SHADOWING • INTERNSHIP • WORK-BASED LEARNING**

Contact: Lynn Falk | School-to-Work Coordinator | 218.444.1600 ext. 63357 | lynn_falk@isd31.net
Leadership Academy

The Leadership Career Academy is a competency based program designed to engage students in leadership principals in both an academic setting and real work experience. The Leadership Academy will prepare students to enter the workforce after graduation with the confidence and knowledge necessary to lead employees effectively and efficiently. Students will learn about leadership styles, communication, goal setting, decision making, ethical decision making, conflict resolution, and team building. The combinations of skills gained are transferable to any sector of employment.

Career Options:
Congressional Representative, Member of Congress, Senator, City Council Member, City Councilman, Representative.

Job Skills:
• Communicating with supervisors, co-workers, or people that work under you.
• Creating and maintaining interpersonal relationships.
• Making decisions or solving problems.
• Developing and building teams.
• Guiding, directing, and motivating people that work under you.
• Communicating with people outside your organization.
• Collecting information from different sources.
• Organizing, planning, and prioritizing work.

Required Courses:
• Computer Applications
• Introduction to Public Speaking
• Psychology of Human Behavior & Personality
• Statistics
• Technical Writing
• JROTC V - Academy
• Work Seminar
• Real World Experience

Recommended Courses:
• Strength & Conditioning
• Exercise Science
• First Aid & CPR

Foundational Classes:
Work Seminar

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Visit our website for more information at BemidjiCareerAcademies.com
The Law Enforcement Academy is a hands-on program for students interested in a career in law enforcement or a related field in the criminal justice system. The academy offers young adults a personal awareness of the criminal justice system through training, practical experiences, competition and other activities. Additionally, the program promotes personal growth through character development, respect for the rule of law, physical fitness, good citizenship and patriotism.

**Career Options:**
Police and Sheriff's Patrol Officers maintain order by enforcing laws and ordinances. They perform a variety of duties, including directing traffic, investigating accidents, making arrests, or working in courts.

**Police & Sheriffs perform the following tasks:**
- Working directly with the public.
- Resolving conflicts or negotiating with people.
- Operating vehicles or equipment.
- Collecting information from different sources.
- Identifying information by categorizing, comparing, or detecting changes in circumstances or events.
- Making decisions or solving problems.
- Communicating with supervisors, co-workers, or people that work under you.

**Required Courses:**
- Forensics Science
- Criminal Law & Civil Law
- Contract Law
- Computer Applications
- Introduction to Public Speaking
- Psychology of Human Behavior & Personality
- Technical Writing
- First Aid & CPR
- Work Seminar
- Real World Experience (EXPLORE Program)

**Recommended Courses:**
- Strength & Conditioning
- Spanish I

**Foundational Classes:**
- Work Seminar

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**JOB-SHADOWING • INTERNSHIP • WORK-BASED LEARNING**

Contact: Lynn Falk  |  School-to-Work Coordinator  |  218.444.1600 ext. 63357  |  lynn_falk@isd31.net
The Fire & Rescue Academy is a hands-on program for students interested in learning about a career in Fire & Rescue. This academy is for students interested in serving our community, building leadership skills and helping others. Students will have the opportunity to pull fire hoses, throw ladders, practice emergency medical skills and so much more.

**Typical Working Conditions:**
- Having face-to-face discussions.
- Working with a group or team.
- Wearing common protective or safety equipment such as safety shoes, glasses, gloves, hearing protection, hard hats, or life jackets.
- Close physical proximity with other people.
- Responsibility for others’ health and safety.
- Exposure to contaminants (like gases or odors).
- The importance of being accurate or exact.
- Making decisions that impact co-workers or company results.

**Career Options:**
- Hospitals
- Ambulatory Health Care Services
- Performing Arts, Spectator Sports, and Related Industries
- Nursing and Residential Care Facilities
- Public Safety, Fire hall, law enforcement center

**Required Courses:**
- Forensic Science
- Chemistry
- Anatomy A
- First Aid & CPR
- Technical Writing
- Work Seminar
- Real World Experience (EXPLORE Program)

**Recommended Courses:**
- Spanish I
- Algebra II
- Strength & Conditioning

**Foundational Classes:**
- Work Seminar

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Job-Shadowing • Internship • Work-Based Learning

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Culinary Arts Academy

The Culinary Arts Academy is a skills/attitude based program designed to assist graduating students with knowledge, skills, and hands-on experience to help prepare them to work in the fast-paced and rapidly changing field of culinary arts. The combination of skills gained through this training is highly transferable to technical jobs in many sectors of the economy.

Career Options:

- Baking and Pastry Arts/Baker/Pastry Chef
- Bartending/Bartender
- Cooking and Related Culinary Arts, General
- Culinary Arts and Related Services, Other
- Culinary Arts/Chef Training
- Culinary Science/Culinology
- Food Preparation/Professional Cooking
- Food Service, Waiter/Waitress, & Dining Room Management/Manager
- Institutional Food Workers
- Meat Cutting/Meat Cutter
- Restaurant, Culinary, and Catering Management/Manager
- Wine Steward/Sommelier

Required Courses:

- Foods for Today
- Ethics Foods
- Healthy Food, Nutrition & Wellness
- Accounting
- Chemistry
- Health
- Psychology
- Work Seminar
- Real World Experience

Job Skills:

- Listening Skills
- Critical Thinking
- Customer Service
- Organizational Skills
- Effective Communication
- Problem-Solving
- Time Management
- Career and Maintenance of Equipment
- Professionalism
- Integrity

Foundational Classes:

Work Seminar

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JOB-SHADOWING • INTERNSHIP • WORK-BASED LEARNING

Contact: Lynn Falk | School-to-Work Coordinator | 218.444.1600 ext. 63357 | lynn_falk@isd31.net
The Agriculture Academy allows students to explore the wide variety of careers and opportunities in the field of agriculture. These variations include, animal nutrition, animal health and medicine, crop production, meat processing, conservation of natural resources, equipment development and repair, and business management. This field is always changing and advancements in technology are needed to increase production to meet our ever increasing demands for energy and food. Skills learned in this academy will give students a solid background of the industry at all sectors. This will help the graduate either take over the family business or explore education.

### Career Options:
- Veterinarian
- Veterinarian Technician
- Chemical Technician
- Laboratory Technician
- Biological Technician
- Meat Manager
- Meat Packer
- Meat Trimmer
- Food Manufactures
- Merchant Wholesalers
- Restaurant, Culinary, and Catering Management/Manager
- Wine Steward/Sommelier

### Required Courses:
- Biology
- Chemistry
- Anatomy A
- Anatomy B
- Animal Science
- Environmental Science
- College Introduction to Business
- Automotive Technology I

### Recommended Courses:
- Medical Terminology
- Basic Accounting

### Foundational Classes:
- Work Seminar

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