



YOUR FUTURE. YOUR CHOICE. START NOW.

Business Management Academy

REQUIRED COURSES

- Keyboarding/Word Processing I
- Computer Applications (MOS Cert)
- Introduction to Computer Technology
- College Intro to Business (grades 11 and 12)
- Work Seminar
- Real World Experience

RECOMMENDED COURSES

- Personal Finance
- Keyboarding II
- College Financial Literacy (grades 11 & 12)
- Criminal & Civil Law
- Contract Law
- Introduction to Public Speaking
- Statistics
- AP/College Economics
- AP Psychology
- Psychology of Human Behavior
- Philosophy & Human Values

PLTW Engineering Academy

REQUIRED COURSES (must have 3 PLTW 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

Natural Resources Management Academy

REQUIRED COURSES

- Environmental Science
- Work Seminar
- Real World Experience

RECOMMENDED COURSES

- Philosophy and Human Values
- Forensic Science

Mechatronics Academy

REQUIRED COURSES

- 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 I
- Machine Tool Technology
- Advanced Machine Tool Technology

Construction Trades Academy

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

Light, Sound & Video Academy

REQUIRED COURSES

- Electricity and Electronics
- 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

All students are REQUIRED to take one of these in order to graduate with an ACADEMY AWARD
JOB-SHADOW INTERNSHIP WORK-BASED LEARNING
Contact: Lynn Falk, School-to-Work Coordinator 218-444-1600 ext. 63357 www.bemidjicareeracademies.com



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Aerospace Technology Academy

REQUIRED COURSES

- Aerospace Engineering
- Robotics
- Principles of Engineering
- Work Seminar
- Real World Experience

RECOMMENDED COURSES

- Introduction to Engineering Design
- College Physics

Child Care & Education Academy

REQUIRED COURSES

- Child Care and Education
- Child in the Family
- First Aid & CPR
- Psychology of Human Behavior
- 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
- Introduction to Drawing

Automotive Technology Academy

REQUIRED COURSES

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

RECOMMENDED COURSES

- Engine Performance 2
- Engine Performance 3
- Automotive Electronics
- Introduction to Industrial Technology

Entrepreneur Academy

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

Art & Design Academy

REQUIRED COURSES

- Introduction to Graphic Design
- Introduction to Photoshop
- Advanced Photoshop
- Ceramics or 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

Information Technology Academy

REQUIRED COURSES

- Introduction to Computer Technology
- Computer Applications (MOS Cert)
- Keyboarding/Word Processing I
- Robotics
- Web Design & Application/Coding
- Work Seminar
- Real World Experience

RECOMMENDED COURSES

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

Agriculture/4H Academy

REQUIRED COURSES

- Biology
- Chemistry
- Anatomy A
- Anatomy B
- Animal Science
- Environmental Science
- College Intro to Business
- Automotive Technology I

RECOMMENDED COURSES

- Medical Terminology
- Basic Accounting
- Basic Welding

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Culinary Arts Academy

REQUIRED

- Foods for Today
- Ethics Foods
- Food, Nutrition & Wellness
- Work Seminar
- Real World Experience

RECOMMENDED COURSES

- Accounting
- Chemistry
- Health
- Psychology

Law Enforcement Academy

REQUIRED COURSES

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

RECOMMENDED COURSES

- Spanish I
- Strength & Conditioning

Fire & Rescue

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

Leadership Academy

REQUIRED COURSES

- Computer Applications
- Introduction to Public Speaking
- Psychology of Human Behavior
- Statistics
- Technical Writing

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- JROTC V - Academy

- Work Seminar

- Real World Experience

RECOMMENDED COURSES

- Strength & Conditioning

- Exercise Science

- First Aid & CPR

Health Careers Academy

Healthcare Advanced Clinical Degree Preparation Track

REQUIRED COURSES

- First Aid & CPR

- Medical Terminology

- Health Career Exploration

- Anatomy and Physiology A

- Anatomy and Physiology B

- Chemistry

- Kinesiology and Exercise Science

- Real World Experience

RECOMMENDED COURSES

- College Algebra (12th grade course)

- AP courses

Health Careers Academy

Healthcare Clinical Training Track

REQUIRED COURSES

- First Aid & CPR

- Medical Terminology

- Abnormal Psychology

- Child in the Family

- Health Career Exploration

- Nursing Assistant

- Anatomy and Physiology A

- Anatomy and Physiology B

- Kinesiology and Exercise Science

- Work Seminar

- Real World Experience

RECOMMENDED COURSES

- College Algebra (12th grade course)

- Chemistry

Health Careers Academy

Healthcare Support Services Track

REQUIRED COURSES

- First Aid & CPR

- Medical Terminology

- Electricity & Electronics I

- Robotics

- Keyboarding/Word Processing I

- Work Seminar

- Real World Experience