



# 2024-2025 CAREER ACADEMY COURSE REQUIREMENTS



**COURSE REQUIREMENTS BEGIN 2024-2025 FOR THE CLASS OF 2025 AND FOLLOWING**

*DRAFT UPDATED 1/9/2024*

## AEROSPACE TECHNOLOGY

BRONZE	SILVER	GOLD
Aerospace Physics	Aerospace Physics	Aerospace Physics
Introduction to Engineering Design	Introduction to Engineering Design	Introduction to Engineering Design
Robotics	Robotics	Robotics
	Principles of Engineering	Principles of Engineering
		College Physics

## AGRICULTURE

BRONZE	SILVER	GOLD
Automotive	Automotive	Automotive
Zoology	Zoology	Zoology
Biology	Biology	Biology
	Chemistry	Chemistry
		Environmental Science
		Personal Finance

## ART + DESIGN

BRONZE	SILVER	GOLD
Art I Color & Design <b>OR</b> Art I Drawing	Art I Color & Design <b>OR</b> Art I Drawing	Art I Color & Design <b>OR</b> Art I Drawing
Intro to Sculpture <b>OR</b> Ceramics I	Intro to Sculpture <b>OR</b> Ceramics I	Intro to Sculpture <b>OR</b> Ceramics I
Commercial Graphic Design	Commercial Graphic Design	Commercial Graphic Design
Photoshop Digital Imaging	Photoshop Digital Imaging	Photoshop Digital Imaging
	<b>CHOOSE 1 ADVANCED COURSE</b>	<b>CHOOSE 2 ADVANCED COURSES</b>
	Advanced Photo Digital Imaging	Advanced Photo Digital Imaging
	Introduction to Printmaking	Introduction to Printmaking
	Art II	Art II
	College Photo & Digital Imaging	College Photo & Digital Imaging

## AUTOMOTIVE TECHNOLOGY

BRONZE	SILVER	GOLD
Auto Tech (Intro)	Auto Tech (Intro)	Auto Tech (Intro)
Brake Systems	Brake Systems	Brake Systems
Engine Performance	Engine Performance	Engine Performance
	Steering and Suspension	Steering and Suspension
		Auto Electronics/Electrical

For more information, visit [www.bemidjicareeracademies.com](http://www.bemidjicareeracademies.com) or email [jenny\\_fraleay@isd31.net](mailto:jenny_fraleay@isd31.net)

**All students are also REQUIRED to complete Work Seminar and a real-world experience in order to graduate with an academy medallion.**

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**BUSINESS**

BRONZE	SILVER	GOLD
Word Processing/Keyboarding I Intro to Computer Technology Personal Finance Basic Accounting	Word Processing/Keyboarding I Intro to Computer Technology Personal Finance Basic Accounting Computer Apps (MOS)	Word Processing/Keyboarding I Intro to Computer Technology Personal Finance Basic Accounting Computer Apps (MOS) Web Design & Application/Coding <b>OR</b> Sports Entertainment & Marketing

**CHILD CARE + EDUCATION**

BRONZE	SILVER	GOLD
Child Care & Education Psychology of Human Behavior First Aid & CPR	Child Care & Education Psychology of Human Behavior First Aid & CPR Child in the Family <b>OR</b> Life On Your Own	Child Care & Education Psychology of Human Behavior First Aid & CPR Child in the Family <b>OR</b> Life On Your Own American Sign Language I <i>American Sign Language II*</i> <small>*ASL I and II are required for NTC program</small>

**CONSTRUCTION TRADES**

BRONZE	SILVER	GOLD
Construction Technology I Advanced Construction Technology Woodworking I	Construction Technology I Advanced Construction Technology Woodworking I Woodworking II	Construction Technology I Advanced Construction Technology Woodworking I Woodworking II Advanced Woods Intro to HVAC <b>OR</b> Residential Wiring

**CULINARY ARTS**

BRONZE	SILVER	GOLD
Ethnic Foods (North <b>OR</b> South) Foods for Today First Aid & CPR	Ethnic Foods (North <b>OR</b> South) Foods for Today First Aid & CPR Healthy Food, Nutrition, & Wellness <b>OR</b> Baking 101	Ethnic Foods North Ethnic Foods South Foods for Today First Aid & CPR Healthy Food, Nutrition, & Wellness Baking 101

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### EVENT PRODUCTIONS\*

BRONZE	SILVER	GOLD
Intro to Video First Aid & CPR Lumberjack Productions Team Member	Intro to Video First Aid & CPR Intro to Theater <b>OR</b> Sports Entertainment & Marketing Lumberjack Productions Team Member	Intro to Video First Aid & CPR Intro to Theater Sports Entertainment & Marketing Lumberjack Productions Team Member

\*FORMERLY LIGHT, SOUND, & VIDEO

### HEALTH SCIENCE\*

BRONZE	SILVER	GOLD
First Aid & CPR/Medical Terminology Psychology Health Career Exploration <b>OR</b> MedX Chemistry	First Aid & CPR/Medical Terminology Psychology Health Career Exploration <b>OR</b> MedX Anatomy A <b>OR</b> B Nursing Assistant <b>OR</b> Kinesiology & Exercise Science	First Aid & CPR/Medical Terminology Psychology Health Career Exploration <b>OR</b> MedX Anatomy A Anatomy B Nursing Assistant <b>OR</b> Principles/General College Chemistry

\*FORMERLY HEALTH CAREERS

### LEADERSHIP

BRONZE	SILVER	GOLD
Psychology of Human Behavior Technical Writing Introduction to Public Speaking	Psychology of Human Behavior Technical Writing Introduction to Public Speaking JROTC I <b>OR</b> Link Leader	Psychology of Human Behavior Technical Writing Introduction to Public Speaking JROTC I <b>OR</b> Link Leader JROTC 2-8 <b>OR</b> Activity Captainship

### MECHATRONICS

BRONZE	SILVER	GOLD
Certified Production Technician Safety (MSSC) Mechanical Fabrication Basic Welding <b>OR</b> Machine Tool Tech	Certified Production Technician Safety (MSSC) Mechanical Fabrication AC/DC Electrical Systems Basic Welding <b>OR</b> Machine Tool Tech	Certified Production Technician Safety (MSSC) Mechanical Fabrication AC/DC Electrical Systems Basic Hydraulics Basic Welding <b>OR</b> Machine Tool Tech Advanced Welding <b>OR</b> Advanced Machine Tool Technology

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**NATURAL RESOURCES MANAGEMENT**

BRONZE	SILVER	GOLD
Environmental Science	Environmental Science	Environmental Science
First Aid & CPR	First Aid & CPR	First Aid & CPR
Zoology	Zoology	Zoology
	Technical Writing	Technical Writing
		Forensic Science

**PROJECT LEAD THE WAY (PLTW) ENGINEERING**

BRONZE	SILVER	GOLD
Introduction to Engineering Design	Introduction to Engineering Design	Introduction to Engineering Design
Principles of Engineering	Principles of Engineering	Principles of Engineering
Robotics	Robotics	Robotics
	<b>CHOOSE 1</b>	<b>CHOOSE 2</b>
	Civil Engineering & Architecture	Civil Engineering & Architecture
	Computer Integrated Manufacturing	Computer Integrated Manufacturing
	Digital Electronics	Digital Electronics
	Engineering Design & Development	Engineering Design & Development

**PUBLIC SERVICE**

BRONZE	SILVER	GOLD
Forensic Science	Forensic Science	Forensic Science
First Aid & CPR	First Aid & CPR	First Aid & CPR
Psychology	Psychology	Psychology
Technical Writing	Technical Writing	Technical Writing
	Chemistry <b>OR</b> Anatomy	Chemistry <b>OR</b> Anatomy
		Business Law

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