

## TUITION AND OTHER COSTS

Tuition and fees are based, in part, on the operating cost of each program and, therefore, vary for each program. A list of programs and their respective costs is as follows:

### 2020-2021 TUITION AND FEES

#### APPLICATION FEE:

All programs require a non-refundable application fee at the time of enrollment. Upon enrollment, this amount is applied toward first semester tuition. **EMT and Paramedics require \$100 application fee. All other programs require \$50 application fee.**

#### ACCIDENT INSURANCE:

All programs require a \$15.00 accident insurance fee for post-secondary students.

PROGRAM:	Yearly Cost	Clock Hours	Price/Clock Hour
Diesel Services Technology	\$ 65000.00	1080	\$6.02
Advanced Diesel Technology	6500.00	1080	\$6.02
Auto Service Technology	6500.00	1080	\$6.02
Collision Technology	6500.00	1080	\$6.02
Building Trades	6500.00	1080	\$6.02
Computer Networking Technology	6500.00	1080	\$6.02
Computer Network Administration	6500.00	1080	\$6.02
EMT-Basic	1500.00	271	\$5.54
Paramedics	6500.00	1420	\$4.58
Automation & Electrical Technology	6500.00	1080	\$6.02
Industrial Welding	6500.00	1080	\$6.02
Advanced Welding Technology	6500.00	1080	\$6.02

TUITION:	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
Diesel Services Technology	\$ 3250.00	\$ 3250.00
Advanced Diesel Technology	3250.00	3250.00
Auto Service Technology	3250.00	3250.00
Collision Technology	3250.00	3250.00
Building Trades	3250.00	3250.00
Computer Networking Technology	3250.00	3250.00
Computer Network Administration	3250.00	3250.00
EMT-Basic	750.00	750.00
Paramedics	3250.00	3250.00
Automation & Electrical Technology	3250.00	3250.00
Industrial Welding	3250.00	3250.00
Advanced Welding Technology	3250.00	3250.00

**These charges are due the first week of each semester unless proof of acceptance for financial aid is on file before the start of classes.**

This chart reflects current tuition and all general fees charged and is subject to change after annual review by the Board of Education and/or book publisher prices.

#### OTHER CHARGES:

Students will be responsible for any additional course-related charges such as books, supplies, testing fees, etc. depending upon specific classes/programs. See current schedule on reverse.

**With 90% attendance in your GRTS program, and a grade of "C" or above, you can earn FREE college credit by completing certain programs at Grand River Technical School. Ask us about it!**



## Individual Course-Related Charges

### **Diesel Services Technology and Advanced Diesel Technology**

Uniform Fee	\$ 100.00
Technology Fee	100.00
<b>TOTAL CHARGES</b>	<hr/> \$ 200.00

*Tool Set Required – See attached list approx. \$ 1700.00 - \$2900.00*

### **Automation & Electrical Technology**

Basic Electrical Theory Text	\$ 53.00
Basic Hydraulics Lab Manual	95.00
Industrial Motor Controls Text	142.00
Industrial Motor Controls Workbook	37.00
Troubleshooting Electrical/Electronic Systems Text	94.00
Troubleshooting Electrical/Electronic Systems Wkb	37.00
Electrical Code Book	110.00
<b>TOTAL CHARGES</b>	<hr/> \$ 568.00

### **Computer/Networking Technology**

PC Pro A + Text and Lab Simulations	\$ 125.00
PC Pro Network + Text and Lab Simulations	125.00
A+ Certification Test Fees	200.00
Network + Certification Test Fees	154.00
Tool Kit/Supplies	50.00
<b>TOTAL CHARGES</b>	<hr/> \$ 654.00

### **Computer/Network Administration (2<sup>nd</sup> year)**

PC Pro Microsoft Text & Lab Simulations	\$ 125.00
Microsoft MD 100-105 Certification Test Fee	165.00
Microsoft MD 200-105 Certification Test Fee	165.00
PC Pro Cisco Text & Lab Simulations	125.00
Cisco Certification Test – ICND 1	165.00
Cisco Certification Test – ICND 2	165.00
Tool Kit	50.00
<b>TOTAL CHARGES</b>	<hr/> \$ 960.00

### **Building Trades**

Tool Package (approximate cost)	\$ 250.00
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## Post High Programs Offered at GRTS

- **Auto Service Technology**

Automotive Technicians are in greater demand than ever before. There are six million (6,000,000) more cars on the road than there were 10 years ago, but the number of trained technicians has decreased by over 90,000. And, the job itself has changed dramatically. No more shade tree mechanics. Today's automotive technician is a highly trained and skilled individual. To repair today's cars, technicians must be able to interpret hundreds of thousands of pages of service manuals on computer by roaming extensive CD-ROM libraries.

- **Automation & Electrical Technology**

The Automation & Electrical Technology Program will prepare individuals to install, maintain, and repair electromechanical equipment used in industry. Companies throughout the world are rapidly automating their manufacturing processes in order to be more competitive in the global economy. Automation is a key requirement in producing a high quality product with the speed of delivery demanded by today's consumers. As a result, a large number of technicians who have education and training in industrial automation technology and electrical technologies are now required.

- **Building Trades**

Most construction projects involve carpentry - one of the largest skill crafts in the building industry. An expanding economy needs carpenters to help build the future. Within the carpentry skill craft, specialized workers have developed customized skills and are key players under the broad umbrella of carpentry.

- **Collision Technology**

The Collision Technology Program at GRTS prepares students to take advantage of the opportunities in many related areas which include:

- Auto body repair
- Auto body painting
- Auto body estimation (shop supervisor)
- Collision damage estimating (insurance)

- Computer Networking Technology
- Computer Network Administration

Network and Computer Systems Administrators are responsible for the day-to-day operation of an organization's computer networks. They organize, install, and support an organization's computer systems, including:

- Local area networks (LANs)
- Wide area networks (WANs)
- Network segments
- Intranets
- Data Communication Systems

- Diesel Services Technology
- Advanced Diesel Technology

New technicians are needed more than ever. The diesel engine is the workhorse powering the nation's trucks, buses, farm and heavy equipment because it delivers more power and is more durable than its gasoline-burning counterpart. Diesel-powered engines are also becoming more prevalent in light vehicles, including pickups and other work trucks. Technicians must be flexible, adapting to customers' needs and new technologies. Those who have the skills in math, problem solving, computers, and public relations are in high demand, and these skills are needed every day in a diesel career.

- EMT-Paramedic

Lives are saved every day due to the quick reaction and competent care of emergency medical technicians (EMTs) and Paramedics - EMTs with additional advance training to perform more difficult pre-hospital medical procedures. Missouri EMS personnel respond to over 1/2 million calls annually for incidents as varied as heart attacks, auto accidents, drownings, childbirth, gunshot wounds, and more, all requiring immediate medical attention.

- Industrial Welding
- Advanced Welding Technology

Welding plays an important role in the expansion and production of our industries. Many of the products we use each day are manufactured using different welding processes. The use of these products grows daily, thus increasing the number of jobs for people with welding skills. The need to fill these jobs is not concentrated in major metropolitan areas, but is found throughout the country and the world.



# PROGRAM COMPETENCIES

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## **AUTO SERVICE TECHNOLOGY**

Safety practices  
Environmental Protection Agency (EPA) & Occupational Safety and Health Act (OSHA)  
Manual transmissions and trans-axle  
Electrical system components  
Automatic transmission and trans-axle  
Engine performance diagnostics and repair  
Engine diagnostics, repair, or replacement  
Steering systems diagnostics, repair, or replacement  
Brakes diagnostics, repair, or replace  
Heating and air conditioning systems

## **AUTOMATION AND ELECTRIC TECHNOLOGY**

Safety practices  
Basic math operations  
Metric and English systems of unit  
Laws of motion and force  
Preventative maintenance  
AC and DC theory  
Electric blueprint symbols  
Circuit protection devices  
Electrical measurement devices  
Three-phase wiring  
Control circuits  
Apply and install electrical devices and components  
Electronic connection techniques  
Hydraulic components  
Pneumatic components  
Actuators and control valves  
Fluid power systems

## **BUILDING TRADES**

Safety practices  
Trade specific math  
Measuring and layout tools  
Blueprint reading  
Prepare building site permits and easements  
Form and pour flat concrete  
Floor and wall layout and framing  
Metal studs  
Roof layout and framing  
Roofing materials, installation and methods  
Leadership, interpersonal skills, client etiquette  
Oral and written communication  
Electrical exploration, types, methods and basic skills  
Plumbing exploration and basic skills  
Design, construction and installation of cabinets  
Interior and exterior finishing

**GRAND RIVER  
TECHNICAL  
SCHOOL**

1200 Fair Street  
Chillicothe, MO 64601  
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# PROGRAM COMPETENCIES

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## **COLLISION TECHNOLOGY**

Safety practices  
Tool and equipment safety  
Paint measuring and mixing  
Damage reports  
Collision welding  
Body panel repair and replacement  
Exterior and interior molding and trim  
Glass installation  
Engine systems, heating and air conditioning  
Steering and suspension  
Trade specific math

## **COMPUTER NETWORKING / COMPUTER NETWORKING ADMINISTRATION (ADV COURSE)**

Operating systems  
System security  
Wiring technologies  
Network topologies  
Perform backup operations  
Implement virus protection and removal for a workstation  
Explain advantages and disadvantages of wireless technologies  
Install and configure a network concentrator/hub  
Document cable infrastructure

## **DIESEL SERVICES TECHNOLOGY**

Safety practices  
Usage of books, part books, and charts  
Basic math calculations  
Basic heavy duty, off-highway equipment operation  
Identify and select common fasteners, fittings and lines  
Basic computer operations  
Troubleshoot, measure and evaluate electronics  
Welding  
Fluid power  
Brakes  
Diesel engine components  
Analyze and measure cylinder head, valve train, air induction and exhaust systems  
Troubleshoot and install mechanical and electronic fuel systems  
Tuneup

## **ADVANCED DIESEL TECHNOLOGY**

Safety practices  
Locate and identify all diesel engine components and functions  
Locate, and identify all electronic power train components and functions  
Locate and identify all hydraulic components and functions  
Volt ohm meter  
Electrical schematic  
Operate software and flash ECM on machinery  
Electrical systems

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# PROGRAM COMPETENCIES

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## EMT- BASIC

Preparatory  
Pharmacology  
Patient assessment  
Airway  
Shock and resuscitation  
Medical  
Trauma  
Special patient populations  
EMS operations  
ALS techniques

## EMT- PARAMEDIC

Preparatory  
Pharmacology  
Airway management and ventilation  
Patient assessment  
Shock  
Special patient population  
Trauma  
Putting it all together  
Operations  
Disaster and domestic preparedness issues

## INDUSTRIAL WELDING

Safety practices  
Oxy fuel cutting  
Layout, fit-up and fabrication  
Shielded metal arc welding  
Gas metal arc welding  
Flux cored arc welding  
Gas tungsten arc welding  
Plasma arc cutting  
Metallurgy and heat treating  
Leadership  
Visual welding test  
Destructive and non-destructive testing

## ADVANCED WELDING TECHNOLOGY

Safety practices  
Print reading  
Layout, fit-up fabrication  
Shielded metal arc welding  
Gas metal arc welding  
Gas tungsten arc welding  
Air carbon arc welding  
Visual welding test  
Destructive and non-destructive testing

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