

**CMTHS  
REOPENING MODEL  
OPTIONS**

### **Option 1 - Cohort Model**

- This model provides up to 7 hours of hands-on education.
- The state requires 360 hours per year 10 hours per week to certify a student in Career and Technical Education.
- This Cohort model provides the students with the opportunity to have 70% hands-on education.
- There will be a cohort for each day of the week (M,T,W,Th,F)
- Each cohort will remain together for the entire year.
- Each cohort will spend one full day in their program for the practical component of their education.
- The remaining hours will be taught using virtual Asynchronous and Synchronous measures in their homes.
- Validation of completion of Asynchronous/Synchronous work in addition to mandatory attendance will be documented.
- Participation of 10 hours per week will be considered 100% attendance.
- This model prevents multiple schools working in the same program and switching from CMTHS to the multiple sending schools.
- CMTHS is set up for Asynchronous/Synchronous education and is prepared for this model.
- Transportation: Only am pick-up and pm return. There will be no middle of the day pick-up or return.
- EXAMPLE: The Auto Service program with 100 students would have 20 students hands-on each day for 7 hours. The days that they are not hands-on they will be required to fulfill the remaining 3 hours through virtual learning (asynchronous/synchronous).

## Option 2 - Modified Cohort Model

- This model provides up to 7 hours of hands-on education for **all returning students**.
- The state requires 360 hours per year 10 hours per week to certify a student in Career and Technical Education.
- This Cohort model provides returning students with the opportunity to have 70% hands-on education.
- There will be a cohort for each day of the week (M,T,W,Th,F)
- Each cohort will remain together for the entire year.
- Each cohort will spend one full day in their program for the practical component of their education.
- The remaining hours will be taught using virtual Asynchronous and Synchronous measures in their homes.
- Validation of completion of Asynchronous/Synchronous work in addition to mandatory attendance will be documented.
- Participation of 10 hours per week will be considered 100% attendance.
- This model prevents multiple schools working in the same program and switching from CMTHS to the multiple sending schools.
- CMTHS is set up for Asynchronous/Synchronous education and is prepared for this model.

### Incoming **first year** students will be provided with a virtual education:

- All programs will be taught with a combination of synchronous and asynchronous deliveries
- Each program works off of the LMS Schoology and has asynchronous curriculum developed and embedded
- Each program is set up through Microsoft Teams to provide live stream synchronous lessons
- A few programs can conduct in this manner with little sacrifice to the integrity of the program
- Each program will offer online certifications for our students to earn
- Several programs will offer dual enrollment opportunities for our students, and through a donation, student tuition will be covered

### **Option 3 - Returning Seniors (only) Cohort Model**

- This model provides up to 7 hours of hands-on education for **all returning seniors (only)**.
- The state requires 360 hours per year 10 hours per week to certify a student in Career and Technical Education.
- This Cohort model provides returning seniors with the opportunity to have 70% hands-on education.
- There will be a cohort for each day of the week (M,T,W,Th,F)
- Each cohort will remain together for the entire year.
- Each cohort will spend one full day in their program for the practical component of their education.
- The remaining hours will be taught using virtual Asynchronous and Synchronous measures in their homes.
- Validation of completion of Asynchronous/Synchronous work in addition to mandatory attendance will be documented.
- Participation of 10 hours per week will be considered 100% attendance.
- This model prevents multiple schools working in the same program and switching from CMTHS to the multiple sending schools.
- CMTHS is set up for Asynchronous/Synchronous education and is prepared for this model.

**Option 4 – All Virtual**

**SYNCHRONOUS & ASYNCHRONOUS LEARNING**

<b><u>Schoology</u></b>	
<b>Synchronous</b>	<b>Asynchronous</b>
Live Streaming – Zoom	WIX Websites
Live Streaming – Microsoft Teams	Schoology
	Online Textbooks
	Program-specific Online Curriculum (Electude/Test-Out etc.)
	Dual-Enrollment

**Synchronous**

- Live streaming lessons, optimally from the program area with industry equipment.
- Coordinate schedules with sending schools as to not overlap.
- Designated synchronous office hours.

**Asynchronous**

- Variety of educational designs based on program
- Industry certifications
- Dual-enrollment with office hours
- All curriculum documented in the LMS-Schoology

For the Modified Cohort first year students and our virtual students, the following represents some of the certifications and dual enrollment opportunities:

### **Allied Health**

#### **OSHA – Healthcare Certification**

In this course, students will learn about the basics of OSHA, as well as many of the most common hazards in the Healthcare Industry, including:

Emergency Action Plans

Personal Protective Equipment (PPE)

Bloodborne Pathogens

Safe Patient Handling

#### **American Red Cross First Aid Certification**

Online first aid classes give students the skills needed to respond to a wide range of emergencies.

#### **BIO 104 – Human Body in Health and Disease (3 credits)**

This introductory course provides students with the essentials of anatomy, the basic functions of the human body and the effects of disease using a systems approach. The normal structural organization and processes of each body system, common diseases, clinical applications, treatments and diagnostic procedures will be examined.

#### **MAS 114 – Medical Law & Ethics (3 credits)**

This course provides the student with a deeper understanding of legal and ethical issues in healthcare.

#### **ENG 101 – English Composition I (3 credits)**

English 101 is based on the premise that critical thinking generates clear writing. In this course, the student learns to read critically, a skill that involves distinguishing central ideas from supporting material and identifying an author's purpose, assumptions, attitudes, and biases.

### **Auto Collision**

#### **I-CAR (Inter-Industry Conference on Auto Collision Repair Certifications**

Tools and Equipment

Vehicle Parts

Bolted on Parts

Bolted on Exterior Panels

Hazardous Material Storage & Disposal

Vehicle Construction Materials

Intro to Safety Systems

Intro to Mechanical Repair

Intro to Vehicle Construction Types

Removing and Installing Hardware

Refinishing and Corrosion

Vehicle Parts Terms

Vehicle Technology and Trends

Wind Noise and Water

Hazardous Airborne Pollutant Reduction

#### **S/P2 Collision Repair and Refinish**

S/P2 Collision Repair and Refinish Safety

S/P2 Collision Repair and Refinish Pollution Prevention

S/P2 Supervisor's Course

Land That Job: Building a Resume

Land That Job: Interview Skills for Automotive Students

Ethics and YOU in the Automotive Industry  
 Time for a Team Huddle! Running Successful Team Meetings  
**Exclusive Credential:** WD-40: Cleaning, Storage, and Maintenance of  
 Tools and Equipment

### **OSHA Automotive Technology**

In this course, students will learn about the basics of OSHA, as well as  
 many of the most common hazards in the Automotive Industry, including:  
 Automotive-Specific Hazards  
 Machine Guarding  
 Personal Protective Equipment (PPE)  
 Ergonomics

## **Auto Technology**

### **S/P2 Automotive Service**

S/P2 Supervisor's Course  
 Land That Job: Building a Resume  
 Land That Job: Interview Skills for Automotive Students  
 Ethics and YOU in the Automotive Industry  
 Time for a Team Huddle! Running Successful Team Meetings  
 Preparing a Vehicle for Service and Working With Customers  
 Automotive Service Pollution Prevention  
**Exclusive Credential:** WD-40: Cleaning, Storage, and Maintenance of  
 Tools and Equipment

**Exclusive Credentials:** Valvoline Motor Oil 101, Automotive Fluids  
 101 and Automotive Chemicals 101

### **NAPA & AC-DELCO**

Brakes  
 Suspension  
 Air Conditioning  
 Electrical  
 Engine Performance

### **Electude**

Our e-learning platform reimagines the ways technical students learn and  
 retain information. Electude's learning modules utilize gamification  
 principles and highly interactive resources, including animations and  
 simulations, to create a discovery-based environment that keeps students  
 engaged throughout their training.

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In this course, students will learn about the basics of OSHA, as well as  
 many of the most common hazards in the Automotive Industry, including:  
 Automotive-Specific Hazards  
 Machine Guarding  
 Personal Protective Equipment (PPE)  
 Ergonomics

## **Building Trades**

### **S/P2 Construction**

S/P2 Construction  
 Land That Job! Building a Resume  
 Land That Job! Interview Skills for Construction Students  
 Ethics and YOU in the Construction Industry  
 Time for a Team Huddle! Running Successful Team Meetings

**OSHA Construction Industry**

Introduction to OSHA

Fall Hazards

Avoiding Electrocution Hazards

Struck-By Hazards

Caught-In or -Between Hazards

Personal Protective Equipment

Health Hazards in Construction

Excavations

Materials Handling, Storage, Use, &amp; Disposal

Scaffolds

Hand and Power Tools

Safe Driving Practices

Preventing Workplace Violence

Hazard Communication

Emergency Action Plans &amp; Fire Protection

**Support from IBEW and other Unions for Job Placement****National Center for Construction Education & Research (NCCER)**

Students can earn a NCCER certificate which can be transferred to receive their trade certificates.

**Cosmetology****Barbacide COVID-19 Certification**

This program is designed to present the most current information that is pertinent to the Professional Beauty Professional. This information changes daily, but the guidelines for the Professional Beauty industry are likely to remain consistent in the short term.

**Barbacide Certification**

Completing this course earning you a portfolio-ready certificate showing your dedication to infection control in salons, spas, and barbershops.

**Committed to Health & Safety – Milady Training**

Infection and control measures and safe work practices.

**OSHA – Cosmetology**

In this course, students will learn about the basics of OSHA, as well as many of the most common hazards in the Cosmetology Industry, including:

Cosmetology-Specific Hazards

Ergonomics

Bloodborne Pathogens

Personal Protective Equipment (PPE)

**Culinary Arts****ServSafe**

Program is a complete solution that delivers consistent food safety training to employees.

Food Handler

Manager

Workplace



**OSHA Certification**

In this course, students will learn about the basics of OSHA, as well as many of the most common hazards in the Culinary Industry, including:  
 Personal Protective Equipment (PPE)  
 Emergency Action Plans  
 Machine Guarding  
 Culinary-Specific Hazards

**Early Child Ed****Child Development Associate (CDA) – Ready**

The Child Development Associate (CDA) Credential™ is the most widely recognized credential in early childhood education (ECE) and is a key stepping stone on the path of career advancement in ECE.

**OSHA – Healthcare Certification**

In this course, students will learn about the basics of OSHA, as well as many of the most common hazards in the Healthcare Industry, including:  
 Emergency Action Plans  
 Personal Protective Equipment (PPE)  
 Bloodborne Pathogens  
 Safe Patient Handling

**EDU 210 – Teaching Young Children (3 credits)**

An Introduction to Early Childhood Education is an introduction to the field of early childhood education. It provides a broad overview of the history, philosophy and theories of development as they relate to current best teaching practices.

**EDU 100 - Intro to Education (3 credits)**

Introduction to Education gives prospective teachers a proper introduction to the field of education.

**ENG 101 – Intro to English (3 credits)**

This course is based on the premise that critical thinking generates clear writing. In this course, the student learns to read critically, a skill that involves distinguishing central ideas from supporting material and identifying an author's purpose, assumptions, attitudes, and biases.

**Health Care****MAS 114 – Medical Law & Ethics (3 credits)**

This course provides the student with a deeper understanding of legal and ethical issues in healthcare.

**HCP 224 – Medical Terminology (3 credits)**

This course is designed to develop a basic understanding of human body systems and the medical vocabulary associated with these systems. While attaining a working knowledge of human anatomy, students will experience a word-building system comprised of medical prefixes, suffixes and word roots which will allow them to write and to develop fundamental concepts for the meaning of various medical nomenclature.

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 Emergency Action Plans  
 Personal Protective Equipment (PPE)  
 Bloodborne Pathogens  
 Safe Patient Handling

**American Red Cross First Aid Certification**

Online first aid classes give students the skills needed to respond to a wide range of emergencies.

## **Landscaping**

### **OSHA Certification**

In this course, students will learn about the basics of OSHA, as well as many of the most common hazards in the Construction Industry, including:

Fall Hazards  
Electrocution Hazards  
Struck-By Hazards  
Personal Protective Equipment (PPE)  
Hand and Power Tools

### **American Red Cross First Aid Certification**

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## **Networking**

### **TestOut Pro Certifications**

TestOut Pro exams use the most advanced simulation technology to measure the ability of individuals to perform real-world IT tasks.

PC Pro  
Network Pro  
Routing and Switching Pro  
Server Pro  
Desktop Pro  
Linux Pro

### **CIS 170 – Intro to Networks (3 credits)**

This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks.

### **CIS 171 – Routing and Switching Essentials (3 credits)**

This course provides students with the necessary skills to design, implement, and configure network switches and routers in a converged network environment.

### **CIS 172 – Scaling Networks (3 credits)**

This course discusses the WAN technologies and network services required by converged applications in a complex network.

### **CIS 172b – Connecting Networks (3 credits)**

This course discusses the WAN technologies and network services required by converged applications in a complex network.

### **OSHA**

In this course, students will learn about the basics of OSHA, as well as many of the most common hazards in General Industry, including:

Fall Hazards  
Electrocution Hazards  
Struck-By Hazards  
Personal Protective Equipment (PPE)  
Hand and Power Tools

## **Public Safety**

### **CJS 100 – Intro to Criminal Justice (3 credits)**

The course introduces the student to the American system of criminal justice. Its growth and development will be examined with emphasis placed on the various subsystems of the criminal justice system (substantive and procedural criminal law; police, prosecution, defense, courts, institutional and community corrections; and the juvenile justice system).

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Personal Protective Equipment (PPE)

Bloodborne Pathogens

Safe Patient Handling

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### **Teacher Academy**

#### **ENG 101 – English Comp I (3 credits)**

ENG 101 is based on the premise that critical thinking generates clear writing. In this course, the student learns to read critically, a skill that involves distinguishing central ideas from supporting material and identifying an author's purpose, assumptions, attitudes, and biases.

#### **Child Development Associate (CDA) – Ready**

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Fall Hazards

Electrocution Hazards

Struck-By Hazards

Personal Protective Equipment (PPE)

Hand and Power Tools

#### **American Red Cross First Aid Certification**

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### **Video/Sound**

### **Adobe Certification(s)**

**Visual Com**

Advertising Cloud  
Magento Commerce  
Analytics  
Audience Manager  
Campaign  
Experience Manager

Target  
Marketo Engage  
Creative Cloud  
Experience Cloud  
Experience Platform

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Hand and Power Tools