



**CMU Tech Curriculum Committee  
Meeting Minutes  
December 3, 2024  
BB 150**

**Members Present:** Wayne Smith, Carolyn Ferreira-Lillo, Jason Roberson, Stephanie Stelljes, and Olga Grisak

**Members Absent:** Karrie Stanfill

**Ex-officio members present:** Carrie Moore, Janel Davis, Morgan Bridge, and Kelly Reuss

**Recording Secretary:** Lisa Bessette

Chair Smith called the meeting to order at 3:35 pm.

**I. Announcements**

- A. Chair Smith reminded the committee that CIM closes December 20 for all proposals and not to rollback any proposal to initiators after this date, as they will no longer be able to resubmit them into workflow.

**II. Ex-Officio Reports**

- A. Associate Vice President of Academic Affairs for Assessment and Accreditation
  - i. No update.
- B. Registrar's Office
  - i. No update.
- C. Financial Aid Associate Director Stewart
  - i. Announced FAFSA for the 2025-2026 academic year is now open.
- D. Librarian Seurer
  - i. Reminded the committee to submit any library purchase requests before the end of February.
- E. Catalog Description Reviewer Varner
  - i. No update.
- F. Essential Learning Scott Andrews
  - i. No update.

**III. Old Business**

- A. None.

**IV. Curriculum Proposals**

- A. Curriculum proposals begin on page 3.

**V. Information Items**

- A. None.

**VI. New Business**

- A. Chair Smith proposed seeking style guidance from UCC on how to list common abbreviations in course proposals (titles, catalog description, SLOs, etc.) and developing a guideline on when to spell out acronyms versus when to use abbreviations. This will ensure consistency in how such information is presented in proposals. Chair Smith will draft proposed language to present to UCC for review at an upcoming meeting.

Jason Roberson motioned to adjourn and with no objections from the committee, Chair Smith adjourned the meeting at 4:16 pm.

**CMU Tech CC Proposals December 3, 2024**
**Effective Term - Summer 2025**
**Programs**

The following is a summary: Additional information can be found on the individual curriculum proposals.

<b>Program</b>	<b>Degree</b>	<b>Committee Action</b>	<b>Motion   Second</b>
<b>1197: Mechatronics: Electronics Technician</b>	<b>TCT</b>	<b>Program Modification - Approved</b>	<b>Roberson   Ferreira-Lillo</b>
<p><b>CMU Tech CC Discussion:</b> Opening MATH requirement to include "or higher" courses allows flexibility for students adding this certificate or transferring into the program from another degree.</p>			
<b>Change Item Description</b>		<b>Department Justification</b>	
List all proposed changes to the program:		Update the Math 108 wording for all Mechatronics certificates to match the A.A.S. degree. It needs to say Math 108 (or higher).	
Describe discussions about this proposal within the department and outcomes:		In fall 2024, faculty and Interim Director of Instruction, Kelly Reuss, discussed and agreed upon the need to update the Math 108 wording for all Mechatronics certificates to match the A.A.S. degree. The A.A.S. states that this program will accept Math 108 (Technical Mathematics) or any higher-level, Essential Learning-eligible MATH course.	
<b>1198: Mechatronics: Automation &amp; Instrumentation</b>	<b>TCT</b>	<b>Program Modification - Approved</b>	<b>Roberson   Ferreira-Lillo</b>
<p><b>CMU Tech CC Discussion:</b> Opening MATH requirement to include "or higher" courses allows flexibility for students adding this certificate or transferring into the program from another degree.</p>			
<b>Change Item Description</b>		<b>Department Justification</b>	
List all proposed changes to the program:		Update the Math 108 wording for all Mechatronics certificates to match the A.A.S. degree. It needs to say Math 108 (or higher).	
Describe discussions about this proposal within the department and outcomes:		In fall 2024, faculty and Interim Director of Instruction, Kelly Reuss, discussed and agreed upon the need to update the Math 108 wording for all Mechatronics certificates to match the A.A.S. degree. The A.A.S. states that this program will accept Math 108 (Technical Mathematics) or any higher-level, Essential Learning-eligible MATH course.	
<b>1300: Applied Business: Administrative Support</b>	<b>AAS</b>	<b>Program Modification - Approved</b>	<b>Roberson   Stelljes</b>
<p><b>CMU Tech CC Discussion:</b> 1) Based upon Program Review, SLO's were changed to reflect information learned during the process including information received from the Advisory Board. 2) Added Online to increase opportunities for students to complete degree.</p>			
<b>Change Item Description</b>		<b>Department Justification</b>	
List all proposed changes to the program:		1. Changing Program SLO's.	
Describe discussions about this proposal within the department and outcomes:		2. Added Online to list of Intended Campus for Delivery. Program faculty and the DOI met and approved these changes in the fall of 2024.	

<b>1301: Applied Business: Frontline Supervision</b>	<b>AAS</b>	<b>Program Inactivation - Approved</b>	<b>Roberson   Ferreira-Lillo</b>
<p><b>CMU Tech CC Discussion:</b> Due to low enrollment, this degree has been deactivated. Two other degrees in the Applied Business Program remain and will be the focus for future students and faculty. The Director of Instruction, Program Faculty, and Vice President of Technical Education and Workforce Development have discussed this decision and agree that deactivating it is best, fall 2024. The program will be deleted when all students have completed the program.</p>			
<p><b>Change Item Description</b> Program inactivation, no changes to report.</p>	<p><b>Department Justification</b></p>		
<b>1302: Applied Business: Marketing Communications</b>	<b>AAS</b>	<b>Program Modification - Approved</b>	<b>Roberson   Stelljes</b>
<p><b>CMU Tech CC Discussion:</b> 1) Based upon Program Review, SLO's were changed to reflect information learned during the process including information received from the Advisory Board. 2) Added Online to increase opportunities for students to complete degree.</p>			
<p><b>Change Item Description</b> List all proposed changes to the program: Describe discussions about this proposal within the department and outcomes:</p>	<p><b>Department Justification</b> 1. Changing Program SLOs. 2. Added Online to list of Intended Campus for Delivery. Program faculty and the DOI met and approved these changes in the fall of 2024.</p>		
<b>1314: Fire Science Technology</b>	<b>AAS</b>	<b>Program Modification - Approved</b>	<b>Roberson   Stelljes</b>
<p><b>CMU Tech CC Discussion:</b> 1) FSTR 201 Instructional Methodology is more relevant to current students and allows students the methodology course needed to effectively teach fire safety in school and other public settings. 2) Since only 3 courses are taught at a separate facility it does not meet the guidelines for an Intended Campus for Delivery.</p>			
<p><b>Change Item Description</b> List all proposed changes to the program:  Describe discussions about this proposal within the department and outcomes:</p>	<p><b>Department Justification</b> 1. FSTR 209 Fire Protection Systems is being replaced with FSTR 201 Instructional Methodology in the Program Specific Requirements and Suggested Course Sequencing. Since FSTR 201 is now a required course it is removed from approved substitution courses.2. Removed Other from Intended Campus for Delivery. Discussions occurred with the advisory board, program faculty, and the DOI about the change. All approved Fall 2024.</p>		
<b>1316: Construction Electrical</b>	<b>TCT</b>	<b>Program Modification - Approved</b>	<b>Stelljes   Ferreira-Lillo</b>
<p><b>CMU Tech CC Discussion:</b> This change will benefit students coming from a CMU program who want to add a certification to their bachelor's degree and have already completed a higher-level math course than required for our degree.</p>			
<p><b>Change Item Description</b></p>	<p><b>Department Justification</b></p>		

List all proposed changes to the program:

Describe discussions about this proposal within the department and outcomes:

Update the Math 108 wording for the Construction Electrical certificates and the A.A.S. degree. It needs to say Math 108 (or higher).

In fall 2024, we discussed with Interim Director of Instruction Kelly Reuss updating the Math 108 wording for the Construction Electrical certificate and A.A.S. degree. The updated wording will state that this program accepts Math 108 (Technical Mathematics) or any higher-level, Essential Learning-eligible MATH course.

**1392: Construction Electrical**

AAS

**Program Modification - Approved**

Stelljes | Ferreira-Lillo

**CMU Tech CC Discussion:** MATH 108 is a 4-semester credit hour course; however, if a student completes a higher-level, Essential Learning eligible MATH course at 3 semester credit hours, that course would fulfill the Mathematics Essential Learning requirement. If MATH 108 is completed, the extra one hour will count as a general elective hour.

This change will benefit students coming from a CMU program who want to add a certification to their bachelor's degree and have already completed a higher-level math course than required for our degree.

**Change Item Description**

List all proposed changes to the program:

Describe discussions about this proposal within the department and outcomes:

**Department Justification**

Update the Math 108 wording for the Construction Electrical certificates and the A.A.S. degree. It needs to say Math 108 (or higher).

In fall 2024, we discussed with Interim Director of Instruction Kelly Reuss updating the Math 108 wording for the Construction Electrical certificate and A.A.S. degree. The updated wording will state that this program accepts Math 108 (Technical Mathematics) or any higher-level, Essential Learning-eligible MATH course.

**1632: Emergency Medical Technician - Paramedic**

AAS

**Program Modification - Approved**

Stelljes | Roberson

**CMU Tech CC Discussion:** EMTS Paramedic AAS courses are being updated to reflect correct semesters that the courses are being offered. Intended campus of delivery was changed to reflect where the courses are taught, which is main campus. SLO table was updated to reflect current Institutional SLO categories, to update wording, and to add in information that had previously been missing.

**Change Item Description**

List all proposed changes to the program:

Describe discussions about this proposal within the department and outcomes:

**Department Justification**

1. In suggested course sequencing, EMTS 233 and EMTS 233L were moved from from First Year/Fall semester to First Year/Spring semester.
  2. In suggested course sequencing, EMTS 237, EMTS 280 and EMTS 281 were moved from First Year/Spring semester to First Year/Summer semester.
  3. Intended campus of delivery was changed.
  4. SLO table was updated.
- Program Faculty and the DOI approved these changes September 2024. Course catalog needs to be updated.

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**1636: Emergency Medical Technician: Paramedic**      **TCT**      **Program Modification - Approved**      **Stelljes | Roberson**


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**CMU Tech CC Discussion:** Courses were updated to reflect the current semester the courses are being offered. This sequence provides a better scaffolding of content for the student. Intended campus of delivery was changed to reflect where the courses are taught, which is main campus. SLO table was updated to reflect current Institutional SLO categories and to add in information that had previously been missing.

**Change Item Description**

List all proposed changes to the program:

Describe discussions about this proposal within the department and outcomes:

**Department Justification**

1. In suggested course sequencing, EMTS 233 and EMTS 233L were moved from First Year/Fall semester to First Year/Spring semester.  
 2. In suggested course sequencing, EMTS 237, EMTS 280 and EMTS 281 were moved from First Year/Spring semester to First Year/Summer semester.  
 Program Faculty and the DOI approved these changes September 2024.

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**Effective Term - Summer 2025**


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**Courses**


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The following is a summary: Additional information can be found on the individual curriculum proposals.

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<b>Title</b>	<b>Credits</b>	<b>Committee Action</b>	<b>Motion   Second</b>
<b>EMTS 115: Emergency Medical Responder</b>	<b>3</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>

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**CMU Tech CC Discussion:** 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Edits to catalog description to conform to catalog rules.

**Change Item Description**

Course description for the catalog:

**Old**

This course covers the knowledge and skills to provide emergency care for most medical emergencies. Emergency Medical Responders provide immediate care as part of the EMS system while awaiting additional EMS response and transportation. This course meets the requirements to become nationally certified as an NREMR - National Registered Emergency Medical Responder.

**New**

Introduction to prehospital emergency care. Provides clear, first responder-level training for fire service, emergency, law enforcement, military, civil, and industrial personnel.

<b>EMTS 225: Fundamentals of Paramedic Practice</b>	<b>3</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>
<b>CMU Tech CC Discussion:</b> 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Course description updated to reflect how course is currently taught and to align with accreditation standards. 3) Prerequisites added to ensure foundational knowledge needed for course success.			
<b>Change Item Description</b>	<b>Old</b>	<b>New</b>	
Course description for the catalog:	First course of the National Standard Paramedic Curriculum as approved by the Colorado State Department of Health and Environment.	Introduction to the fundamentals of paramedicine. Comprehensive study of anatomy, physiology, pharmacology, and airway management. The course is designed to prepare students for entry-level paramedic roles. Labs provide practical application of paramedic skills.	
Prerequisites:		EMTS 130, EMTS 190, completion of EMT certificate, and current CPR card	

<b>EMTS 225L: Fundamentals of Paramedic Practice Laboratory</b>	<b>2</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>
<b>CMU Tech CC Discussion:</b> 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Course description updated to reflect how course is currently taught and to align with accreditation standards. 3) Permission of Instructor removed from prerequisites to align with Curriculum guidelines.			
<b>Change Item Description</b>	<b>Old</b>	<b>New</b>	
Course description for the catalog:	Hands-on application of patient assessment, IV therapy and EKG interpretation. Practical application and mastery of anatomy and physiology principles within a pre-hospital setting will be developed.	Introduction to the fundamentals of paramedicine. Comprehensive study of anatomy, physiology, pharmacology, and airway management. The course is designed to prepare students for entry-level paramedic roles. Labs provide practical application of paramedic skills.	
Prerequisites:	Permission of instructor		

<b>EMTS 227: Paramedic</b>	<b>3</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>
<b>Special Considerations</b>			
<p><b>CMU Tech CC Discussion:</b> 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Course description updated to reflect how course is currently taught and to align with accreditation standards. 3) Removed permission of Instructor from prerequisites to align with Curriculum guidelines.</p>			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
Course description for the catalog:		Focuses on a comprehensive study of Advanced Life Support Practice.	Introduction to advanced concepts in problem-focused patient history, diagnostic skills, and assessments necessary for special populations. Focuses on a comprehensive study of advanced life support practice. Labs provide practical, hands-on experience.
Prerequisites:		EMTS 225/EMTS 225L and Permission of instructor	EMTS 225/EMTS 225L

<b>EMTS 227L: Paramedic</b>	<b>2</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>
<b>Special Considerations</b>			
<b>Laboratory</b>			
<p><b>CMU Tech CC Discussion:</b> 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Course description updated to reflect current practice and meet accreditation standards. 3) Removed permission of Instructor from prerequisites to align with Curriculum guidelines.</p>			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
Course description for the catalog:		Hands-on application of skills in pediatric assessment, delivery and management of the newborn, the mother, and geriatric patients. Management of live scenarios simulating patients with special considerations and needs will enhance the development of practical patient care skills and improve patient outcomes. Certification in PEPP and PALS will be completed.	Introduction to advanced concepts in problem-focused patient history, diagnostic skills, and assessments necessary for special populations. Focuses on a comprehensive study of advanced life support practice. Labs provide practical, hands-on experience.
Prerequisites:		EMTS 225/EMTS 225L and Permission of instructor	EMTS 225/EMTS 225L



<b>EMTS 229: Paramedic Pharmacology</b>	<b>3</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>
<b>CMU Tech CC Discussion:</b> 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Course description updated to reflect how course is currently taught and to align with accreditation standards. 3) Removed permission of Instructor from prerequisites to align with Curriculum guidelines.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
Course description for the catalog:		Focuses on a comprehensive study of emergency pharmacology and medications used to treat common illnesses.	Comprehensive study of emergency pharmacology and its effects on the human body. Labs provide practical applications of pre-hospital emergency medications.
Prerequisites:		EMTS 225/EMTS 225L and Permission of instructor	EMTS 225/EMTS 225L (may be taken concurrently)
<b>EMTS 229L: Paramedic Pharmacology Laboratory</b>	<b>2</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>
<b>CMU Tech CC Discussion:</b> 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Removed permission of Instructor from prerequisites to align with Curriculum guidelines. 3) Course description updated to reflect how course is currently taught and to align with accreditation standards.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
Course description for the catalog:		Hands-on administration of medications with an advanced level of understanding of their effects to the human body. The principles of pharmacokinetics and pharmacodynamics are investigated.	Comprehensive study of emergency pharmacology and its effects on the human body. Labs provide practical applications of pre-hospital emergency medications.
Prerequisites:		EMTS 225/EMTS 225L and Permission of instructor	EMTS 225/EMTS 225L (may be taken concurrently)
<b>EMTS 231: Paramedic Cardiology</b>	<b>5</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>
<b>CMU Tech CC Discussion:</b> 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Course description updated to reflect how course is currently taught and to align with accreditation standards. 3) Removed permission of Instructor from prerequisites to align with Curriculum guidelines.			

**Change Item Description**

Course description for the catalog:

**Old**

Cardiology topics as presented in the National Standard Curriculum for paramedics.

**New**

Exploration of advanced cardiology topics as presented in the National Standard Curriculum for paramedics. Labs provide practical experience with advanced 12-lead interpretation.

Prerequisites:

EMTS 225/EMTS 225L and Permission of instructor

EMTS 225/EMTS 225L (may be taken concurrently)

**EMTS 231L: Paramedic 1  
Cardiology Laboratory**
**Course Modification -  
Approved**
**Roberson | Stelljes**

**CMU Tech CC Discussion:** 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Course description updated to reflect how course is currently taught and to align with accreditation standards. 3) Removed permission of Instructor from prerequisites to align with Curriculum guidelines.

**Change Item Description**

Course description for the catalog:

**Old**

Hands-on application of principles of cardiac care for the pre-hospital and in-hospital environment. Students will earn their ACLS certification.

**New**

Exploration of advanced cardiology topics as presented in the National Standard Curriculum for paramedics. Labs provide practical experience with advanced 12-lead interpretation.

Prerequisites:

EMTS 225/EMTS 225L and Permission of instructor

EMTS 225/EMTS 225L (may be taken concurrently)

**EMTS 233: Paramedic 4  
Medical Emergencies**
**Course Modification -  
Approved**
**Roberson | Stelljes**

**CMU Tech CC Discussion:** 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Course description updated to reflect how course is currently taught and to align with accreditation standards. 3) Removed permission of Instructor from prerequisites to align with Curriculum guidelines.

**Change Item Description**

Course description for the catalog:

**Old**

A comprehensive study of adult medical emergencies.

**New**

Emphasis on the pathophysiology, diagnosis, and management of disease and conditions in the emergency setting. Labs provide hands-on experiences in live scenarios.

Prerequisites: EMTS 225/EMTS 225L and EMTS 225/EMTS 225L  
Permission of instructor

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<b>EMTS 233L: Paramedic Medical Emergencies Laboratory</b>	<b>1</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>
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**CMU Tech CC Discussion:** 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Course description updated to reflect how course is currently taught and to align with accreditation standards. 3) Removed permission of Instructor from prerequisites to align with Curriculum guidelines.

<b>Change Item Description</b>	<b>Old</b>	<b>New</b>
Course description for the catalog:	Hands-on application of the principles of endocrine emergencies, BG analysis, respiratory emergencies, and other medical emergencies for the pre-hospital and in-hospital environment. Students will receive AMLS certification.	Emphasis on the pathophysiology, diagnosis, and management of disease and conditions in the emergency setting. Labs provide hands-on experiences in live scenarios.

Prerequisites: EMTS 225/EMTS 225L and EMTS 225/EMTS 225L  
Permission of instructor

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<b>EMTS 235: Paramedic Trauma Emergencies</b>	<b>4</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>
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**CMU Tech CC Discussion:** 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Course description updated to reflect how course is currently taught and to align with accreditation standards. 3) Removed permission of Instructor from prerequisites to align with Curriculum guidelines.

<b>Change Item Description</b>	<b>Old</b>	<b>New</b>
Course description for the catalog:	A comprehensive study of adult and pediatric trauma emergencies.	Comprehensive study of adult and pediatric trauma emergencies, with an in-depth study of the pharmacology involved in trauma patient care. Labs provide practical hands-on experience.

Prerequisites: EMTS 225/EMTS 225L and EMTS 225/EMTS 225L  
Permission of instructor

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<b>EMTS 235L: Paramedic Trauma Emergencies Laboratory</b>	<b>1</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>
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**CMU Tech CC Discussion:** 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Course description updated to reflect how course is currently taught and to align with accreditation standards. 3) Removed permission of Instructor from prerequisites to align with Curriculum guidelines.

<b>Change Item Description</b>	<b>Old</b>	<b>New</b>
Course description for the catalog:	Hands-on application of the principles to manage and assess the trauma patient in pre-hospital emergencies. Approaches on how to handle the patient with blast injuries and disaster management of multiple patients will be developed. Specific scenarios with various acute trauma emergencies will be developed to assist the student with patient assessment skills.	Comprehensive study of adult and pediatric trauma emergencies, with an in-depth study of the pharmacology involved in trauma patient care. Labs provide practical hands-on experience.
Prerequisites:	EMTS 225/EMTS 225L and Permission of instructor	EMTS 225/EMTS 225L

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<b>EMTS 237: Paramedic Internship Preparation</b>	<b>2</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>
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**CMU Tech CC Discussion:** 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Course description updated to reflect how course is currently taught and to align with accreditation standards. 3) Changed abbreviated course name from "Para Internship Preparation" to "Paramedic Internship Prep" for clarity.

<b>Change Item Description</b>	<b>Old</b>	<b>New</b>
Course description for the catalog:	Reviews concepts and techniques used in the prehospital setting.	Review of concepts and techniques used in the prehospital setting. Prepares the student to enter into field internships.
Course abbreviated schedule name:	Para Internship Preparation	Paramedic Internship Prep

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<b>EMTS 280: Paramedic Internship I</b>	<b>6</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>
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**CMU Tech CC Discussion:** 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Course description updated to reflect how course is currently taught and to align with accreditation standards. 3) Added "(may be taken concurrently)" to the prerequisites since EMTS 237 and EMTS 280 are offered in the summer together.

<b>Change Item Description</b>	<b>Old</b>	<b>New</b>
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Course description for the catalog:	The preceptor/internship program for paramedic students.	Preceptor/internship program for paramedic students and the third phase of the National Standard Paramedic Curriculum course, as approved by the Colorado Department of Public Health and Environment. Includes 250 contact hours.
Prerequisites:	EMTS 237	EMTS 237 (may be taken concurrently)

<b>EMTS 281: Paramedic Internship II</b>	<b>6</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>
<b>CMU Tech CC Discussion:</b> 1) Academic engagement minutes, student preparation minutes, typical semester offered, SLOs, and topical course outline were added since that information was not transferred when CIM was implemented. 2) Course description updated to reflect how course is currently taught and to align with accreditation standards. 3) Added "(may be taken concurrently)" to the prerequisites since EMTS 280 and EMTS 281 are offered in the summer together.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
Course description for the catalog:		Continuation of EMTS 280, preceptor program for paramedic students.	Continuation of EMTS 280, a preceptor program for paramedic students. Includes 250 contact hours.
Prerequisites:		EMTS 280	EMTS 280 (may be taken concurrently)
<b>FSTR 201: Instructional Methodology</b>	<b>3</b>	<b>Course Modification - Approved</b>	<b>Roberson   Ferreira-Lillo</b>
<b>CMU Tech CC Discussion:</b> 1) Prerequisites are not needed for the student to successfully complete the course. FSTR 100, Fire Fighter I, FSTR 102 Principles of Emergency Service Suppression, and FSTR 107 Hazardous Materials Operations have been removed. This will streamline the course sequencing for the student and removed the overrides that had been occurring. 2) Terms offered change to better sequence course flow. 3) SLOs updated to better reflect current course content and focus the course content on the role, duty, and content delivered by the Instructor.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
Prerequisites:		FSTR 100, FSTR 102, and FSTR 107	
Please indicate the semester(s) in which the course will typically be offered:		Fall Spring	Spring
<b>HVAC 102: Basic Refrigeration</b>	<b>4</b>	<b>Course Modification - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> 1) Course description changed to reflect current course content and provide information to students on costs involved with taking the course. 2) SLO removed to better reflect current course content. 3) The course was originally drafted as a mixed instructional format.			

However, after 3 semesters of teaching this course, it is observed that the majority of the course content is lecture based, and very little lab exercises are appropriate, so the instructional activity is being changed to match what is happening in the classroom.

<b>Change Item Description</b>	<b>Old</b>	<b>New</b>
Course description for the catalog:	Introduction to the theory of refrigeration, components, charging, recycling, and evacuation of refrigeration units.	Introduction to the theory of refrigeration, components, charging, recycling, and evacuation of refrigeration units. On completion of the course, students will be prepared for successful completion of the EPA-608 TYPE 2 certification exam. The student will be responsible to pay a fee to sit for the EPA-608 TYPE 2 exam.
Type of Instructional Activity:	Mixed Instructional Method	Lecture

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<b>HVAC 103: Basic Electricity</b>	<b>3</b>	<b>Course Modification - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> 1) This course was originally drafted as a mixed instructional format. However, after 3 semesters of teaching this course, it is observed that the majority of the course is lecture based, and very little lab exercises are appropriate, so the instructional activity is being changed to match what is happening in the classroom. 2) Course description updated to reflect current course content.			

<b>Change Item Description</b>	<b>Old</b>	<b>New</b>
Type of Instructional Activity:	Mixed Instructional Method	Lecture
Course description for the catalog:	Introduction to the basic electrical AC theory, including the study of Ohm's Law to explain the operation of electrical devices.	Introduction to the basic electrical AC theory, including the study of Ohm's Law to explain the operation of electrical devices. Overview of motors, electrical controls, and wiring diagrams also discussed.

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<b>HVAC 110: Fundamentals of Gas Heating</b>	<b>4</b>	<b>Course Modification - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> 1) This course was originally drafted as a mixed instructional format. However, after 3 semesters of teaching this course, it is observed that the majority of the course content is lecture based, and very little lab exercises are appropriate, so the instructional activity is being changed to match how the course is currently taught. 2) How the class is taught removed from course description to align with Curriculum policies.			

<b>Change Item Description</b>	<b>Old</b>	<b>New</b>
Type of Instructional Activity:	Mixed Instructional Method	Lecture

Course description for the catalog:

Introduction to the fundamentals of gas heating. Students work in a classroom and shop environment. Topics include the basics of gas heating systems, operation of gas valves and burners, gas pipe system design, gas piping system code requirements, and basic code requirements for heating systems.

Introduction to the fundamentals of gas heating. Topics include: the basics of gas heating systems, operation of gas valves and burners, gas pipe system design, gas piping system code requirements, and basic code requirements for heating systems.

<b>MOAP 138: Medical Assisting Laboratory Skills</b>	<b>4</b>	<b>Course Modification - Approved</b>	<b>Roberson   Stelljes</b>
<b>CMU Tech CC Discussion:</b> The prerequisite of MOAP 111 and MOAP 136 for MOAP 138 has been removed to better align with recent curriculum adjustments. The recommended course sequence was revised after the credit hours for MOAP 147 were reduced from 4 to 1. By allowing students to take MOAP 138 in their first semester, alongside MOAP 111 and MOAP 136, this adjustment offers students additional time to develop essential venipuncture skills and enhances their hands-on learning experience.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
Prerequisites:		MOAP 111 and MOAP 136	
<b>TSTG 135: Starting and Charging Systems</b>	<b>2</b>	<b>Course Modification - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> Class moved to Fall semester where it is primarily taught to accurately reflect course sequence.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
Please indicate the semester(s) in which the course will typically be offered:		Spring	Fall
<b>WELD 111: Shielded Metal Arc Welding 2</b>	<b>4</b>	<b>Course Modification - Approved</b>	<b>Ferreira-Lillo   Roberson</b>
<b>CMU Tech CC Discussion:</b> 1) Added contact hours, semesters offered, topical course outline, and student learning outcomes. Content was not included when the course was imported into the CIM system. 2) Instructional activity changed to mixed instructional methods to better reflect how the course is currently taught and provide the correct time needed to cover course content.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
Type of Instructional Activity:		Lecture/Lab: Vocational/Tech	Mixed Instructional Method
<b>WELD 114: Oxy-Fuel Welding &amp; Brazing</b>	<b>2</b>	<b>Course Modification - Approved</b>	<b>Ferreira-Lillo   Roberson</b>
<b>CMU Tech CC Discussion:</b> 1) Added contact hours, semesters offered, and topical course outline. Content was not included when the course was imported into the CIM system. 2) Added one additional			



Student Learning Outcome to reflect what is currently being taught in the course. 3) Instructional activity changed to mixed instructional methods to better reflect how the course is currently taught and provide the correct time needed to cover course content.

<b>Change Item Description</b>	<b>Old</b>	<b>New</b>
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method

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<b>WELD 203: Flux Cored Arc Welding</b>	<b>4</b>	<b>Course Modification - Approved</b>	<b>Ferreira-Lillo   Roberson</b>
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**CMU Tech CC Discussion:** 1) Added contact hours, semesters offered, topical course outline, and student learning outcomes. Content was not included when the course was imported into the CIM system. 2) Instructional activity changed to mixed instructional methods to better reflect how the course is currently taught and provide the correct time needed to cover course content. 3) Defined FCAW (flux-cored arc welding) in course description and SLOs for reader usability. 4) Abbreviated title updated to match full title, since full title is less than 30 characters.

<b>Change Item Description</b>	<b>Old</b>	<b>New</b>
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method

Course description for the catalog:	Study and skill development of safe practices, welding theory, and principles of Flux Cored Arc Welding equipment and process. FCAW fillet and groove welds with self-shielded and gas-shielded processes will be covered.	Study and skill development of safe practices, welding theory, and principles of Flux Cored Arc Welding (FCAW) equipment and process. FCAW fillet and groove welds with self-shielded and gas-shielded processes will be covered.
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Course abbreviated schedule name:	FCAW	Flux Cored Arc Welding
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<b>WELD 275: Automation</b>	<b>4</b>	<b>Course Modification - Approved</b>	<b>Ferreira-Lillo   Roberson</b>
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**CMU Tech CC Discussion:** 1) Added contact hours, semesters offered, topical course outline, and student learning outcomes. Content was not included when the course was imported into the CIM system. 2) Modified the course description under the advice of the Catalog Description Reviewer. 3) Instructional activity changed to mixed instructional methods to better reflect how the course is currently taught and provide the correct time needed to cover course content.

<b>Change Item Description</b>	<b>Old</b>	<b>New</b>
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Course description for the catalog:

Study and skill development of safe practices, welding theory, and principles of robotic welding and CNC plasma cutting equipment and processes. Basic programming, setup, and systems integration will be included. Other automation equipment and processes may be included.

Study and skill development of safe practices, welding theory, and principles of robotic welding and Computer Numerical Control (CNC) plasma cutting equipment and processes. Basic programming, setup, and systems integration will be included and may include other automated equipment and processes.

Type of Instructional Activity:

Lecture/Lab:  
Vocational/Tech

Mixed Instructional Method