



**CMU Tech Curriculum Committee  
Meeting Minutes  
April 9, 2024  
Building B Room 151**

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

**Members Absent:** Karrie Stanfill

**Ex-Officio Members:** Morgan Bridge, Janel Davis, Christi Hein, and John Stewart

**Guests:** Joshua Meuwly and Sundial Hoffman

**Recording Secretary:** Lisa Bessette for Carrie Moore

Chair Smith called the meeting to order at 3:30 pm.

**I. Announcements**

- A. This is the final scheduled curriculum committee meeting of the year. However, Chair Smith asked the Executive Committee to stay after the meeting, if available, to review additional digital film proposals that have made their way through workflow.

**II. Unfinished Business**

- A. None

**III. Ex-Officio Reports**

- A. Associate Vice President of Academic Affairs for Assessment and Accreditation
  - i. AVPAA for Assessment and Accreditation thanked everyone for all their work this year. She encouraged the committee to continue their work next year on submitting proposals to get topical course outlines and student learning outcomes added into CIM.
- B. Registrar's Office Maggie Bodyfelt
  - i. The Registrar's Office is processing everything that was approved from the fall.
- C. Financial Aid John Stewart
  - i. Nothing to report.
- D. Librarian Tracie Seurer
  - i. Nothing to report.
- E. Catalog Description Reviewer Johanna Varner
  - i. Nothing to report.

- F. Essential Learning Scott Andrews
  - i. Nothing to report.

## **II. Curriculum Proposals**

Please see page 3 for a summary of curriculum proposals with the Committee action for each proposal.

## **III. Information Items**

- A. None

## **IV. New Business**

- A. There are several digital filmmaking proposals that are in the queue for review. There will be an additional Executive Committee meeting to review these and then an online vote next week for the CMU Tech Curriculum Committee.
- B. Stephanie Stelljes and Jason Roberson both have terms that expire this semester with the curriculum committee. However, they both graciously said they will stay on the committee for the next academic year.
- C. Chair Smith asked the committee if there were any nominations for Chair and Vice Chair for next year. Both Chair Smith and Vice Chair Ferreira-Lillo volunteered to continue with their positions next year if no one else was nominated. The committee unanimously voted to keep Chair Smith and Vice Chair Ferreira-Lillo in their Chair and Vice Chair roles for the next academic year.

Stephanie Stelljes motioned to adjourn, and Jason Roberson seconded the motion. With no objections from the committee, Chair Smith adjourned the meeting at 3:43 pm.

## CMU Tech Curriculum Committee Proposals April 9, 2024

**Effective Term - Summer 2024**
**Programs**

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

Program	Degree	Committee Action	Motion   Second
<b>1399: Pharmacy Technician</b>	<b>AAS</b>	<b>Program Modification - Approved</b>	<b>Stelljes   Roberson</b>

**CMU Tech CC Discussion:** 1) Moving PHTE 112 from Fall to Spring enables students to register for full time status and qualify for financial aid. Without this change, students will be short hours, and therefore not registered as a full-time student. 2) PHTE 112 is a prerequisite for PHTE 171. Moving PHTE 171 to the 2nd year prevents scheduling issues. 3) Removed MATH 107 and replaced with MATH 113, which the Math Department felt was the more appropriate math course for the mathematical knowledge needed. Pharmacist School requires calculus so or higher was added and through advising Math 119A will be recommended for those students preparing to attend Pharmacy School. 4) Removed MOAP 147, KINE 203 and PSYC 233 and replaced with BIOL 209/L, CHEM 131/L, and PSYC 150 because these courses are prereqs for Pharmacy School where the other courses would not prepare students for Pharm School. Including these courses sets the students up to seamlessly enter Pharmacy School without taking additional prerequisite credit hours. PSYC 150, BIOL 209/L and CHEM 131/L are not prerequisites for any PHTE courses. 5) Changed course sequencing to match above course additions and deletions. PSYC 233 was replaced with PSYC 150. PSYC 150 then replaced the Essential Learning Elective and was moved to fall to even out student course load. MATH 107 was replaced with MATH 113 and BIOL 209/L and CHEM 131/L were added spring semester second year to align with the Pharm Tech Certificate. 6) PSYC 150 General Psychology moved from program specific to Essential Learning SBS category. Three hour elective course removed. By replacing the SBS Elective with Essential Learning course with PSYC 150, program credit hours remained at 60 hours.

**Change Item Description**

List all proposed changes to the program:

**Department Justification**

- 1) Move PHTE 112 Pharmacy Law and Ethics from Fall to Spring in the suggested course plan.
- 2) Move PHTE 171 Pharmacy Clinical II from Spring Year One to Spring Year Two in the suggested course plan.
- 3) Removed MATH 107 Career Math and replaced with Math 113 College Algebra (or higher) in Mathematics in Essential Learning Requirements.
- 4) Removed MOAP 147 Medical Terminology, KINE 203 Human Nutrition and PSYC 233 Human Growth and Development and replaced with BIOL 209/L, Human Anatomy and Physiology, CHEM 131/L General Chemistry, and PSYC 150 General Psychology in Program-Specific Courses/Requirements. PSYC 150 then replaced SBS Essential Learning Elective.
- 5) Changed course sequencing to match above course additions and deletions. PSYC 233 was replaced with PSYC 150, which then replaced Essential Learning Elective course. MATH 107 was replaced with MATH 113 and BIOL 209/L and CHEM 131/L were added spring semester second year.

Describe discussions about this proposal with the departments and outcomes.

6) PSYC 150 General Psychology moved from program specific to Essential Learning SBS category. Three hour SBS elective course removed.  
 Fall 2023 program faculty met with Pam Holder, Director of Allied Health and agreed to this change.

<b>: Commercial Driver's License (CDL) Training</b>	<b>TCT</b>	<b>Program Addition - Approved</b>	<b>Roberson   Ferreira-Lillo</b>
<b>CMU Tech CC Discussion:</b> Colorado Future Jobs has deemed the need for CDL drivers as critical, with growth expected to exceed 15%. Developing the CDL program would provide the supportive staff needed to assist in taking a step to remedy this situation. The expansion of the heavy-duty trucking industry is limited by the available workforce and the industry has reported difficulty finding qualified, knowledgeable, competent CDL truck drivers, including within our community. There are 17 CDL training programs in Colorado, five of which are in Grand Junction, CO. The CDL industry employment is projected to grow nationwide by 4% from 2022 to 2032, per the US Bureau of Labor Statistics. However, in Colorado, the need and growth are much greater at 16.9% per projectionscentral.com. The services of CDL truck drivers are in demand, and the demand will continue to grow as the complexity of the trucking industry grows. CDL licensure is required in all states (including Colorado).			
<b>Change Item Description</b>		<b>Department Justification</b>	
New program proposal		See CMU Tech CC Discussion above.	

<b>Effective Term - Summer 2024</b>			<b>Courses</b>
The following is a summary: Additional information can be found on the individual curriculum proposals.			
<b>Title</b>	<b>Credits</b>	<b>Committee Action</b>	<b>Motion   Second</b>
<b>ELCE 120: Commercial Wiring</b>	<b>4</b>	<b>Course Modification - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> 1) Academic engagement minutes, student preparation minutes, terms typically offered, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Changing the classification of instructional activity from Lecture/Lab: Vocational/Technical to Mixed Instructional Method more accurately reflects the course activities students can expect to take place. 3) Added ELCE 110 as a prerequisite because it contains foundational knowledge needed for success in this course.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
Type of Instructional Activity:		Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Prerequisites:			ELCE 110

<b>ELCE 167: Electrical Maintenance</b>	<b>4</b>	<b>Course Modification - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> 1) Academic engagement minutes, student preparation minutes, terms typically offered, topical course outline and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Changing the classification of instructional activity from Lecture/Lab: Vocational/Technical to Mixed Instructional Method to more accurately reflects the			

course activities students can expect to take place. 3) Added ELCE 110 as a prerequisite because it contains foundational knowledge needed for success in this course.

<b>Change Item Description</b>	<b>Old</b>	<b>New</b>
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Prerequisites:		ELCE 110

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<b>MAMT 120: Machine Technology I</b>	<b>4</b>	<b>Course Modification - Approved</b>	<b>Ferreira-Lillo   Roberson</b>
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**CMU Tech CC Discussion:** 1) Terms typically offered, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Instructional type and minutes changed to better reflect how course is currently taught. 3) Removed permission of instructor to align with Curriculum guidelines. 4) Updated catalog description to begin with a noun phrase, corrected punctuation errors, and removed contact hours from the catalog description. 5) MAMT 115 is needed as a prerequisite because it is a foundational course for all Machining Technology courses. In some cases MAMT 115 and MAMT 120 are offered in the same semester as mod courses. In these cases concurrent enrollment is appropriate.

<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:	Operation of engine lathes, milling machines and surface grinders. One hour lecture and five hours laboratory per week.	Focus on the operation of engine lathes, milling machines, and surface grinders.
Prerequisites:	Permission of instructor	MAMT 115 (may be taken concurrently)

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<b>MAMT 125: Machine Technology II</b>	<b>4</b>	<b>Course Modification - Approved</b>	<b>Ferreira-Lillo   Roberson</b>
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**CMU Tech CC Discussion:** 1) Terms typically offered, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Instructional type and minutes changed to Mixed Instructional Method to better reflect how course is currently taught. 3) MAMT 115 added as a prerequisite since it is the first Machining course and the student gains the basic understanding of the Mill and Lathe and the processes involved. They must have this knowledge before continuing to MAMT 125. 4) Updated catalog description to begin with a noun phrase, corrected punctuation errors, and removed contact hours from the catalog description.

<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:

Further development of skills acquired in MAMT 120. Emphasis will be placed on technical aspects of tooling and machining tolerances. One hour lecture and five hours laboratory per week.

Advancement of skills acquired in MAMT 115. Emphasis will be placed on technical aspects of tooling and machining tolerances.

Prerequisites:

MAMT 115

**MAMT 230: Machine Technology III**      **4**

**Course Modification - Approved**

**Ferreira-Lillo | Roberson**

**CMU Tech CC Discussion:** 1) Academic engagement minutes, student preparation minutes, terms typically offered, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) MAMT 115 added as a prerequisite since it is the first Machining course and the student gains the basic understanding of the Mill and Lathe and the processes involved. They must have this knowledge before continuing to MAMT 230. 3) Updated the catalog description to better reflect course content.

**Change Item Description**

**Old**

**New**

Type of Instructional Activity:

Laboratory:  
Academic/Clinical

Lecture/Lab:  
Vocational/Tech  
MAMT 115

Prerequisites:

Course description for the catalog:

Exploration of advanced machine operations including O.D. grinding, cutter tool grinding, gear cutting, indexing, and rotary table work with an emphasis on workmanship, accuracy, and inspection.

Exploration of advanced machine operations, including: precision grinding, CNC vertical milling centers, and CNC lathes, with an emphasis on workmanship, accuracy, and quality control.