



**CMU Tech Curriculum Committee
Meeting Minutes
January 21, 2025
BB 150**

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

Ex-officio members present: Carrie Moore, Janel Davis, Maggie Bodyfelt, Kelly Reuss, and John Stewart

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 closed on December 20 for all proposals and asked that the committee not rollback any proposal to initiators, 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. Chair Smith, on behalf of AVPAA Bridge, reported that Dr. Bridge would like to review any programs approved during this meeting with the initiating faculty member one final time before moving them into Final Approvals.
- B. Registrar's Office
 - i. No update.
- C. Financial Aid Associate Director Stewart
 - i. No update.
- D. Librarian Seurer
 - i. No update.
- 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. None.

Jason Roberson motioned to adjourn and with no objections from the committee, Chair Smith adjourned the meeting at 4:06 pm.

CMU Tech CC Proposals January 21, 2025
Effective Term - Summer 2025
Programs

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

Program	Degree	Committee Action	Motion Second
1122: Land Surveying and Geomatics	TCT	Program Modification - Approved	Roberson Stanfill
<p>CMU Tech CC Discussion: 1.) Content from the MATH 141: Analytical Geometry course is beneficial to the Land Surveying program however there is not enough demand to run that course and it has not been offered for more than 6 years. Topics from Analytical Geometry such as vectors and equations of planes in 3D are useful to students in the program. So, a new course, MATH 114: Trigonometry and Analytic Geometry was created. The content in MATH 114 will eliminate some of the analytical trigonometry topics from the MATH 130: Trigonometry course, such as proving trig identities, in favor of analytical geometry topics. Additionally, the trigonometry topics will have a stronger emphasis on applications. These changes are beneficial for surveying students who do not have the opportunity to take a full Analytical Geometry course. 2.) The footnote is to help students understand that a higher math class can be used for the requirement but that there are other requirements that must be met for the certification and that a course like calculus, for instance, which is also listed in the program cannot double count.</p>			
Change Item Description		Department Justification	
List all proposed changes to the program:		1. Include MATH 114: Trigonometry and Analytic Geometry as an alternative to the MATH 130: Trigonometry requirement. 2. Add a footnote addressing "or higher" for the math course.	
1192: Early Childhood Education Director	TCT	Program Modification - Approved	Stelljes Roberson
<p>CMU Tech CC Discussion: Updating SLOs to more accurately reflect course assessments. Intended campuses need to be indicated for clear communication.</p>			
Change Item Description		Department Justification	
List all proposed changes to the program:		Demonstration of compliance with CMU requirements related to student learning outcomes (SLOs). Lower SLO's from six to three. Complete Intended Campus of Delivery section.	
1305: Gerontology Specialist	AAS	Program Inactivation - Approved	Roberson Stelljes
<p>CMU Tech CC Discussion: Enrollment has declined and there is no longer demand for this program. There are currently 1 to 2 students enrolled in this program. Once teach-out of the program is complete, a program deletion will be submitted.</p>			
Change Item Description		Department Justification	
List all proposed changes to the program:		This program will be deactivated.	

1312: Transportation Services: Automotive Service Technician	TCT	Program Modification - Approved	Stanfill Roberson
CMU Tech CC Discussion: 1.) TSTG 135 is primarily taught in the Fall semester. 2.) TSTG 120 was moved to keep credit hours per semester the same in the suggested course plan.			
Change Item Description List all proposed changes to the program:	Department Justification 1. TSTG 135 Starting and Charging Systems moved from Spring to Fall semester in suggested course plan. 2. TSTG 120 Industrial Safety Practices moved from Fall to Spring semester in suggested course plan.		
1332: Manufacturing Technology: Welding Technology	AAS	Program Modification - Approved	Roberson Ferreira-Lillo
CMU Tech CC Discussion: CADT 101 is no longer offered as a course and must be removed from the list of courses and credit hours adjusted to reflect this change. Updated SLO alignment to match institutional guidelines.			
Change Item Description List all proposed changes to the program:	Department Justification 1. Remove CADT 101 from course list. 2. Adjust credit hours to reflect removal of CADT 101. Total credits required decreased from 65 to 64. 3. Updated SLO alignment.		
1334: Land Surveying and Geomatics	AAS	Program Modification - Tabled	Roberson Stanfill
CMU Tech CC Discussion: The math currently listed as an Essential Learning requirement is not an Essential Learning approved course. Further investigation is needed.			
Change Item Description	Department Justification		
1338: Manufacturing Technology: Welding Technology	TCT	Program Modification - Approved	Roberson Ferreira-Lillo
CMU Tech CC Discussion: CADT 101 is no longer offered as a course and must be removed from the list of courses and credit hours adjusted to reflect this change. Adjusted SLO alignment to match institutional TCT SLO guidelines.			
Change Item Description List all proposed changes to the program:	Department Justification 1. Remove CADT 101 from course list. 2. Adjust credit hours to reflect removal of CADT 101. Total credits required decreased from 33 to 32. 3. Adjust SLO Alignment.		
1342: Transportation Services: Diesel Technology	AAS	Program Modification - Tabled	Roberson Stelljes
CMU Tech CC Discussion: Waiting on new course proposals to make it through workflow before approving changes to this program.			

1347: Transportation Services: Diesel Mechanics	TCT	Program Modification - Tabled	Roberson Stelljes
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CMU Tech CC Discussion: Waiting on new course proposals to make it through workflow before approving changes to this program.

Change Item Description	Department Justification
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1388: Heating, Ventilation, and Air Conditioning Technician	AAS	Program Modification - Tabled	Roberson Stanfill
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CMU Tech CC Discussion: Waiting on a new course proposal to make it through workflow before approving changes to this program.

Change Item Description	Department Justification
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1398: Mechatronics	AAS	Program Modification - Approved	Roberson Ferreira-Lillo
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CMU Tech CC Discussion: 1.) Prerequisite (ELCE 110) was added to ELCE 120. (Mechatronics students are not required to take ELCE 110.) The information taught in ELCE 110 is not need for this field. Advisory committee members agreed to the change and stated that commercial wiring tasks are usually contracted out and the content taught would no longer be relevant in the field. 2.) Advisory committee members requested to add basic CAD skills to the degree as they see a lot of applications in the field. With the recommendations from Mike Mahoney (CADT) for what our industry was look for CADT 108 was a good fit for our program. 3.) CADT 108 is offered only in the Fall semester. ELCE 120 used to be offered in the Spring. To align the calendar for students, we need to move an existing class (TECI 142) from the Fall to Spring so CADT can run in the fall. 4.) Math 108 is a 4-semester credit hour course; however, if a student completes a higher-level, Essential Learning eligible Mathematics course it must be at least 4 semester credit hours. This is done so that the students can meet the overall credits needed to graduate. 5.) Adjust Essential Learning total credit from 15 credits to 16 credits. 6.) Adjust semester total credit (based on other changes) for 1st year spring semester from 15 credits to 16 credits, and 2nd year fall semester was not affected by the change. 7.) Aligned program SLOs to better fit institutional SLOs.

Change Item Description	Department Justification
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List all proposed changes to the program:

1. Removing ELCE 120 Commercial Wiring 4 credits course from the program requirements and the Suggested Course Plan.
2. Adding CADT 108 : CAD - Mechanical 3 credits was added to 2nd year fall semester in the Suggested Course Plan.
3. TECI 142 Internet of Things 3 credits course will move from 2nd year Fall semester to 1st year Spring semester.
4. MATH 108 changed the footnote to state that if students complete a higher-level, Essential Learning eligible Mathematics course it must be at least 4 semester credit hours.
5. Increase Essential Learning total from 15 to 16 credits based on MATH 108 being 4 credit.
6. Adjusted the total semester credit hours in program-

specific requirements from 43 to 42 (based on other changes).

7. Aligned program SLOs.

: Early Childhood Education with Prior CDA/EQIT Certifications	AAS	Program Addition - Approved	Stelljes Roberson
<p>CMU Tech CC Discussion: This program is the Early Childhood Education AAS program with the only difference the point of entry. This program requires students hold a current CDA Preschool, CDA Infant Toddler, and/or EQIT certification before enrolling in the program. The program subsequently recognizes the learning that occurred in obtaining the certification/s in the courses required for program completion.</p>			
Change Item Description	Department Justification		
New program proposal	See CMU Tech CC Discussion above.		
: Early Childhood Education Teacher with CDA Infant Toddler	TCT	Program Addition - Approved	Stelljes Roberson
<p>CMU Tech CC Discussion: This program is the Early Childhood Education Teacher program with the only difference the point of entry. This program requires students hold a current CDA Infant Toddler certification before enrolling in the program. The program subsequently recognizes the learning that occurred in obtaining the certification, in the courses required for program completion.</p>			
Change Item Description	Department Justification		
New program proposal	See CMU Tech CC Discussion above.		
: Early Childhood Education Director with CDA Infant Toddler	TCT	Program Addition - Approved	Stelljes Roberson
<p>CMU Tech CC Discussion: This program is the Early Childhood Education Director program with the only difference the point of entry. This program requires students hold a current CDA Infant Toddler certification before enrolling in the program, and subsequently recognizes the learning that occurred in obtaining the certification in the courses required for program completion.</p>			
Change Item Description	Department Justification		
New program proposal	See CMU Tech CC Discussion above.		
: Early Childhood Education Director with CDA Preschool	TCT	Program Addition - Approved	Stelljes Roberson
<p>CMU Tech CC Discussion: This program is the Early Childhood Education Director program with the only difference the point of entry. This program requires students hold a current CDA Preschool certification before enrolling in the program. This program recognizes the learning that occurred through obtaining the certification, in the courses required for program completion.</p>			
Change Item Description	Department Justification		
New program proposal	See CMU Tech CC Discussion above.		

: Early Childhood Education Director with CDA Preschool & EQIT	TCT	Program Addition - Approved	Stelljes Roberson
<p>CMU Tech CC Discussion: This program is the Early Childhood Education Director program with the only difference the point of entry. This program requires students hold a current CDA Preschool Certification and a current EQIT Certification before enrolling in the program. The program subsequently recognizes the learning that occurred in obtaining the certification in the courses required for program completion.</p>			
Change Item Description	Department Justification		
New program proposal	See CMU Tech CC Discussion above.		
: Early Childhood Education Teacher with CDA Preschool or EQIT	TCT	Program Addition - Approved	Stelljes Roberson
<p>CMU Tech CC Discussion: This program is the Early Childhood Education Teacher program with the only difference the point of entry. This program requires students hold a current CDA Preschool certification and/or EQIT certification before enrolling in the program. The program subsequently recognizes the learning that occurred in obtaining the certification in the courses required for program completion.</p>			
Change Item Description	Department Justification		
New program proposal	See CMU Tech CC Discussion above.		
: Fire Academy Level 1-NFPA Firefighter I/HazMat Certification	TCT	Program Addition - Approved	Roberson Stanfill
<p>CMU Tech CC Discussion: This program is the Fire Academy Level I program with the only difference the point of entry. This program requires students hold a current National Fire Protection Association (NFPA) Firefighter I Certification and a current NFPA HazMat Certification and provide proof of this certification by providing a copy of the certification to the Registrar's Office prior to enrolling in the program. This program subsequently recognizes the learning that occurred in obtaining the certifications in the courses required for program completion.</p>			
Change Item Description	Department Justification		
New program proposal	See CMU Tech CC Discussion above.		
: Fire Science Technology with NFPA Certifications	AAS	Program Addition - Approved	Roberson Stanfill
<p>CMU Tech CC Discussion: This program is the Fire Science Technology AAS program with the only difference the point of entry. This program requires students hold a current National Fire Protection Association (NFPA) Firefighter I Certification and a current NFPA HazMat Certification and provide proof of this certification by providing a copy of the certification to the Registrar's Office prior to enrolling in the program. Other NFPA certifications are optional. This program subsequently recognizes the learning that occurred in obtaining the certifications in the courses required for program completion.</p>			
Change Item Description	Department Justification		
New program proposal	See CMU Tech CC Discussion above.		

: Aviation Technology: Fixed Wing with Prior FAA Pilot License	AAS	Program Addition - Approved	Roberson Stelljes
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CMU Tech CC Discussion: This program is the Aviation Technology: Fixed Wing AAS program with the only difference the point of entry. This program requires students hold a current FAA pilot license before enrolling in the program. The program subsequently recognizes the learning that occurred in obtaining the pilot licensure in the courses required for program completion.

Change Item Description

New program proposal

Department Justification

See CMU Tech CC Discussion above.