TECH

CMU Tech Curriculum Committee
Meeting Minutes
March 26, 2024
Building B Room 151

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

Members Absent: None

Ex-Officio Members: Maggie Bodyfelt, Janel Davis, Christi Hein, Tracie Seurer, John Stewart, and Lisa Bessette

Guests: Bryan Reed, Anneke Moresco, Mike Mahoney, Michael Graham, and Pam Holder

Recording Secretary: Carrie Moore

Chair Smith called the meeting to order at 3:34 pm

I.   Announcements

A. None

II.   Unfinished Business

A. None

III.   Ex-Officio Reports

A. Associate Vice President of Academic Affairs for Assessment and Accreditation
   i.   Nothing to report.

B. Registrar's Office Maggie Bodyfelt
   i.   The Registrar's Office is continuing to work through everything that was approved from the fall.

C. Financial Aid John Stewart
   i.   Nothing to report.

D. Librarian Tracie Seurer
   i.   Librarian Seurer reported that there is still approximately $500 left in the budget for library materials.

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. The program modification for 1310: Sustainable Agriculture was approved at the February meeting. However, the Executive Curriculum Committee had to make some minor edits to the program based on review of the AGRS courses that are on the agenda for the March meeting. Please make note of the following changes that the Executive Curriculum Committee made to program 1310: 1) AGRS 118 was moved to Second Year Spring under the Crop/Plant Track in the Suggested Course Plan. 2) AGRS 280 and AGRS 225 were moved to Second Year Fall under the Animal Science Track in the Suggested Course Plan. 3) AGRS 250 and AGRS 250L were moved to Second Year Spring under the Animal Science Track in the Suggested Course Plan.

IV. New Business

A. None

With no objections from the committee, Chair Smith adjourned the meeting at 5:06 pm.

CMU Tech Curriculum Committee Proposals March 26, 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
1106: Transportation Services: Light Duty Automotive Technician	**TCT**	**Program Modification - Approved**	**Stanfill | Stelljes**

CMU Tech CC Discussion: 1) CADT 101 is computer basics, which is now taught in the high school and is no longer needed. 2) TSTG 145 and TSTG 245 is now required for District 51 Tech-Scholars and have been added as restricted electives. It has been added as a restricted elective for the curriculum to work for Tech Scholars and provides options for both Tech Scholars and other students. 3) By removing CADT 101, this reduced program credit hours from 29 to 28 hours.

Change Item Description	Department Justification
List all proposed changes to the program:	1) Removal of CADT 101. 2) Added TSTG 145 and TSTG 245 to Restricted Electives. 3) Reduced program credit hours from 29 to 28 hours.
Describe discussions about this proposal within the departments and outcomes.	In person meetings and emails with Dr. Hein (Director of Instruction, CMU Tech) and other program instructors. Approved Spring 2023.

1117: Information and Communication Technology: Help Desk Technici	**TCT**	**Program Modification - Approved**	**Stelljes | Roberson**

CMU Tech CC Discussion: 1) Courses were removed for the following reasons.
- ABUS 128 Workplace Behavior is exclusive to computer repair and this certificate; it does not apply to any other certificate or AAS degree. As a group decision, we opted for the ABUS 160 customer service course as it aligns better with the tasks students will encounter in this field and also addresses workplace behavior.
- ABUS 258 Managing Office Technology, II: Covers Access, Publisher, and Excel. While valuable, this knowledge is not essential for this program
- TECI 131 Principles of Information Assurance (Security+ Prep): Not essential for a help desk technician; more suitable for a network technician.
- TECI 142 Internet of Things (IOT): Removed from all certificates and the AAS degree. The course content is less relevant in current IT needs, with some content already covered in other classes. We aim to provide more pertinent information aligned with present industry usage for our students.

2) Adding courses for the following reasons:
- MATH 108 Technical math: Included in this certificate for its strong foundation in real-world applications and to open opportunities for students to pursue the next certificate/role as a Help Desk Technician. Allowing higher level math courses accommodates students that have previously earned math credits in other programs.
- ABUS 257 Managing Office Technology, I: Equips our students with Microsoft Office proficiency.
- TECI 211 Windows configuration (OS): TECI 211 Windows Configuration (OS): This is essential

knowledge for a help desk technician.
- TECI 242 Cloud Computing: Focuses on installing, configuring, and managing a cloud environment, relevant for a help desk technician.
- CSCI 110 Beginning Programming: Emphasizes the development of logical thinking and problem-solving skills. In the IT field, professionals encounter complex issues requiring analytical thinking for effective solutions. The course specifically focuses on the use of the Python scripting language. This foundational skill will benefit students as they progress to learn other software such as Linux, PowerShell, or Bash, enabling them to automate system administration tasks and manage large-scale IT infrastructure more efficiently.

3) Updated total credits to reflect the course changes.

4) With the addition, removal, and realignment of courses, updates were necessary for Student Learning Outcomes (SLOs) and the corresponding assessed courses. Updated the SLOs to better reflect the count being taught in the certificate.

Change Item Description	Department Justification
List all proposed changes to the program:	1. Removing the following courses: ABUS 128 Workplace Behavior (3 credits) ABUS 258 Managing Office Technology II (3 credits) TECI 131 Principles of Information Assurance (Security+ Prep) (3 credits) TECI 142 Internet of Things (IOT) (3 credits) 2. Adding the following courses: MATH 108 or higher (3-4 credits) ABUS 257 Managing Office Technology, I (3 credits) TECI 211 Windows Configuration (OS) (3 credits) TECI 242 Cloud Computing (3 credits) CSCI 110 Beginning Programming (3 credits) 3. Total credits increased from 24 credits to 27-28 credits. 4. Fixing the SLOs and the course they are assessed in. 5. Updated suggested course sequencing.
Describe discussions about this proposal within the departments and outcomes.	In Fall 2023, the Information and Communication Technology Department initiated the development of Stackable Credentials. Collaborative discussions with key stakeholders, including Dr. Hein (Director of Instruction, CMU Tech), Brigitte Sundermann (Vice President), John Kull (program instructor for CMU and CMUTech), and advisory member Megan Englund (ABUS), revealed the need for a course realignment to better align certifications with the AAS degree.

1118: Information and Communication Technology: Network Technician	TCT	**Program Modification - Approved**	**Stelljes | Roberson**

CMU Tech CC Discussion: 1) Courses were removed for the following reasons:

-ABUS 128 Workplace Behavior ABUS 128 Workplace Behavior is exclusive to computer repair and this certificate; it does not apply to any other certificate or AAS degree. As a group decision, we opted for the ABUS 160 customer service course as it aligns better with the tasks students will encounter in this field and also addresses workplace behavior.

-ABUS 258 Managing Office Technology, II: Covers Access, Publisher, and Excel. While valuable, this knowledge is not essential for this program

-TECI 142 Internet of Things (IOT): Removed from all certificates and the AAS degree. The course content is less relevant in current IT needs, with some content already covered in other classes. We aim to provide more pertinent information aligned with present industry usage for our students.

-TECI 230 Cisco Networking III is an advanced class, serving as the final step before pursuing the CCNA certification. This knowledge, while valuable, is not required for a Network Technician and aligns more with an AAS degree.

2) Courses were adding for the following reasons:

-Math 108 Technical math: Included in this certificate for its strong foundation in real-world applications and to open opportunities for students to pursue the next certificate/role as a Network Technician. Allowing higher level math courses accommodates students that have previously earned math credits in other programs.

-ABUS 257 Managing Office Technology, I: Equips our students with Microsoft Office proficiency.

-CSCI 110 Beginning Programming: Emphasizes the development of logical thinking and problem-solving skills. In the IT field, professionals encounter complex issues requiring analytical thinking for effective solutions. The course specifically focuses on the use of the Python scripting language. This foundational skill will benefit students as they progress to learn other software such as Linux, PowerShell, or Bash, enabling them to automate system administration tasks and manage large-scale IT infrastructure more efficiently.

-TECI 201 Linux Configuration (OS) Many IT environments incorporate a mix of operating systems, including Linux. Introducing Linux in the curriculum ensures that Network Technicians are well-versed in both Windows and Linux environments, making them more versatile in the workforce.

-TECI 211 Windows configuration (OS): TECI 211 Windows Configuration (OS): Many servers in enterprise environments run Windows Server. Network Technicians need to be proficient in configuring and maintaining Windows servers for tasks such as Active Directory management, file sharing, and group policy implementation.

-TECI 242 Cloud Computing: Many servers in enterprise environments run Windows Server. Network Technicians need to be proficient in configuring and maintaining Windows servers for tasks such as Active Directory management, file sharing, and group policy implementation.

-TECI 243 (New Course) Hybrid Servers Integration: Many organizations are transitioning to cloud-based services. A Hybrid Servers Integration course prepares Network Technicians to manage and integrate on-premises servers with cloud resources, facilitating a smooth transition to cloud services.

3) Updated total credits to reflect the course changes increasing from 28 credits to 39-40 credits.

4) Updated the SLOs to better reflect the count being taught in the certificate.

5) Changed course sequencing to better prepare students for success in subsequent courses.

Change Item Description	Department Justification
List all proposed changes to the program:	1. Removed the following courses: ABUS 128 Workplace Behavior 3cr ABUS 258 Managing Office Technology II 3cr TECI 142 Internet of Things (IoT) 3cr TECI 230 Cisco Networking III 3cr 2. Added the following courses: ABUS 257 Managing Office Technology, I 3cr CSCI 110 Beginning Programming 3cr

TECI 201 Linux Configuration (OS) 3cr
TECI 211 Windows Configuration (OS) 3cr
TECI 242 Cloud Computing 3cr
TECI 243 (New Course) Hybrid Servers Integration 3cr

3. Total credits increased from 28 credits to 39-40 credits
4. Fixing the SLOs and the course they are assessed in.
5. Changing when courses are offered.

Describe discussions about this proposal within the departments and outcomes.	In Fall 2023, the Information and Communication Technology Department began developing Stackable Credentials. Collaborative discussions with key stakeholders, including the Dr. Hein (Director of Instruction, CMU Tech), Brigitte Sundermann (Vice President), John Kull (program instructor for CMU and CMUTech), and advisory member Megan Englund (ABUS), highlighted the need to realign courses for better certification alignment with the AAS degree.

1122: Land Surveying and Geomatics	TCT	Program Modification - Approved	Stanfill	Stelljes

CMU Tech CC Discussion: The Department of Mathematics and Statistics plans to inactivate MATH 146: Calculus for Biological Sciences (5 credits) and offer MATH 131: Applied Calculus (4 credits) instead. The new MATH 131 course still covers the desired content and is more appealing to students across campus at 4 credits instead of 5.

Change Item Description	Department Justification
List all proposed changes to the program:	In the Program Requirements, replace MATH 146: Calculus for Biological Sciences with the new course, MATH 131: Applied Calculus. This course is in a list of five options and the total credit ranges are not affected.
Describe discussions about this proposal within the departments and outcomes.	Math Department Head, Lisa Driskell, spoke to SURV faculty and Director of Instruction, Christi Hein and all were in agreement in January 2023.

1139: Unmanned Aircraft Systems: Pilot Small UAS	TCT	Program Modification - Approved	Stanfill	Ferreira-Lillo

CMU Tech CC Discussion: 1) Submitting to workflow to synch CIM and the Catalog. The program needs to be resubmitted to workflow to align CIM and catalog to ensure students receive accurate information. 2) Credit hours changed due to UASP 110 was decreased from 3 to 1 credits as was UASP 120. Based on those two course changes, program is decreasing from 9 credits to 5 credits.

Change Item Description	Department Justification
List all proposed changes to the program:	1. Submitting to workflow to synch CIM and the Catalog. Changed SLO to align with technical certificate guidelines, filled in courses and assessments as required. 2. Credit hours from 9 hours to a total of five hours.
Describe discussions about this proposal within the departments and outcomes.	Discussed and approved by program faculty and Director of Instruction, January 2024.

1144: Information and Communication Technology: Computer Repair	TCT	Program Modification - Approved	Stelljes | Roberson

CMU Tech CC Discussion: 1) Courses were removed for the following reasons:
-ABUS 128 Workplace Behavior ABUS 128 Workplace Behavior is exclusive to this certificate; it does not apply to any other certificate or AAS degree. As a group decision, we opted for the ABUS 160 customer service course as it aligns better with the tasks students will encounter in this field and also addresses workplace behavior.
-TECI 211 Windows configuration (OS): TECI 211 Windows Configuration (OS): Not essential for computer repair; more suitable for a help desk technician.
2) Adding the course for the following reasons:
-Math 108 Technical math is included in this certificate for its strong foundation in real-world applications and to open opportunities for students to pursue the next certificate/role as a Computer Repair Technician.
3) Reduced total credits from 18 credits to 16 credits due to removal of courses.
4) Updated the SLOs to better reflect the content being taught in the certificate.

Change Item Description	Department Justification
List all proposed changes to the program:	1. Removing the following courses: ABUS 128 Workplace Behavior 3cr TECI 211 Windows Configuration (OS) 3cr 2. Adding the following course: Math 108 - 4 credits 3. Total credits reduced from 18 credits to 16 credits 4. Fixing the SLO's and the course they are assessed in.
Describe discussions about this proposal within the departments and outcomes.	In Spring 2023, the Information and Communication Technology Department initiated the development of Stackable Credentials. Through collaborative discussions with key stakeholders, including Dr. Hein (Director of Instruction, CMU Tech), Brigitte Sundermann (Vice President), John Kull (program instructor for CMU and CMU Tech), and advisory member Megan Englund (ABUS), we identified the need for a course realignment to better align certifications with the AAS degree.

1158: Medical Office Assistant	TCT	Program Modification - Approved	Roberson | Stanfill

CMU Tech CC Discussion: 1) Added MOAP 148 to program specific requirements. This course will provide a comprehensive overview of various diseases, their etiology, and impacts, fostering a holistic understanding essential for clinical preparedness. Importantly, the content of this course is currently distributed across various other courses, and consolidating it into a dedicated class streamlines the curriculum. MOAP 147 is being reduced to a 1-credit class to align with other programs and institutions. The material that is being removed from that course is being used to generate this course.
2) Placing MOAP 148 to the second semester will allow students to finish MOAP 133 before taking MOAP 148. This will give students a better background. Moving MOAP 136 will accommodate the addition of MOAP 148. It will also allow students 2 semesters of practicing their phlebotomy skills before being placed in internship.
3) MOAP 147 reduced from four credits to one credit. Many health science programs typically require a 1-credit medical terminology class rather than 4 credits. Upon exploring other community colleges in CO, it was observed that the majority of medical terminology classes are within the range of 1-2

credits. Many health science programs typically require a 1-credit medical terminology class rather than 4 credits. Upon exploring other community colleges in CO, it was observed that the majority of medical terminology classes are within the range of 1-2 credits.

4) Updated SLOs, courses and assessments to better fit course content and align with Technical Certificate SLOs.

Change Item Description	Department Justification
List all proposed changes to the program:	1. Added MOAP 148 to program specific requirements. 2. Change course sequence to better fit content. MOAP 148 added to Year 2/Spring, MOAP 147 moved from Year 2/Fall to Year 1/Spring. 3. MOAP 147 reduced from four credits to one credit. 4. Updated SLOs, courses and assessments to better fit course content and align with Technical Certificate SLOs.
Describe discussions about this proposal within the departments and outcomes.	Discussion with faculty, Christi Hein, Director of Instruction, and Pam Holder, Director of Allied Health. All were in agreement. 11/2023.

1312: Transportation Services: Automotive Service Technician	TCT	Program Modification - Approved	Stanfill | Stelljes

CMU Tech CC Discussion: 1) Moved TSTC 1010 to fall semester, as that is when course is taught.
2) Moving MATH 107 to spring semester ensures students will have enough credit hours for full time financial aid.
3) Delete CADT 101 as content is no longer necessary since students have basic computer skills, this class will be removed when all programs no longer require the course.
4) Program hours decreased by 1 credit due to removal of CADT 101.

Change Item Description	Department Justification
List all proposed changes to the program:	1. Move TSTC 101 to Fall Semester. 2. Move MATH 107 to Spring Semester. 3. Delete CADT 101 4. Program hours decreased from 40 hours to 39 hours.
Describe discussions about this proposal within the departments and outcomes.	In person meetings and emails with Dr. Hein (Director of Instruction, WCCC) and other program instructors. Approved Spring 2023.

1318: Information and Communication Technology	AAS	Program Modification - Approved	Stelljes | Roberson

CMU Tech CC Discussion: 1) Removed courses for the following reasons:
-ABUS 258 Managing Office Technology, II: Covers Access, Publisher, and Excel. While valuable, this knowledge is not essential for this program
-TECI 142 Internet of Things (IOT): Removed from all certificates and the AAS degree. The course content is less relevant in current IT needs, with some content already covered in other classes. We aim to provide more pertinent information aligned with present industry usage for our students.
-MATH 110 Mathematical Investigations, By removing Mathematical Investigations, we aim to create a more consistent and streamlined curriculum, ensuring that every course directly contributes to the skills and knowledge essential for success in the IT field. This course is specifically required for only one class, CSCI 110. Furthermore, CSCI 110 will undergo changes to align with the broader IT curriculum starting in the 2024-2025 academic year.

2) Adding course for the following reasons:
-Math 108 Technical aligns with the program's broader goals, ensuring that the mathematical component precisely meets the needs of Information Technology (IT) students. This alignment enhances the overall coherence of the curriculum and ensures consistency across all certificates leading to the AAS degree. Allowing higher level math courses accommodates students that have previously earned math credits in other programs.
-ABUS 160 customer service, IT industry is increasingly client-focused. IT professionals often need to interact with clients, whether internal or external, to understand their needs, provide support, and ensure satisfaction. A Customer Service course equips students with the interpersonal skills necessary for effective communication with clients.
-ABUS 257 Managing Office Technology, I: Equips our students with Microsoft Office proficiency.
-TECI 243 (New Course) Hybrid Servers Integration: Many organizations are transitioning to cloud-based services. A Hybrid Servers Integration course prepares Network Technicians to manage and integrate on-premises servers with cloud resources, facilitating a smooth transition to cloud services.
-TECI 244 (New Course) Windows Automation and Management, Automation streamlines repetitive tasks, reducing manual effort and increasing overall efficiency. A course on Windows Automation and Management equips students with skills to create scripts and workflows that enhance productivity in Windows environments.
3) Total program specific credits increased from 44 credits to 50 credits and total program credits increased to 67-68 from 61 credits due to course changes listed above.
4) Updated the SLOs to better reflect the content and how and when assessed.
5) Course sequencing changed to include course addition/deletions and better deliver course content.

Change Item Description	Department Justification
List all proposed changes to the program:	1. Removing the following courses: ABUS 258 Managing Office Technology II 3cr MATH 110 Mathematical Investigations 3cr TECI 142 Internet of Things (IoT) 3cr 2. Adding the following courses: Math 108 Technical Mathematics or Higher 3-4cr ABUS 160 customer service ABUS 257 Managing Office Technology, I 3cr TECI 243 (New Course) Hybrid Servers Integration 3cr TECI 244 (New Course) Windows Automation and Management 3cr 3. Total program specific credits increased from 44 credits to 50 credits and total program credits increased to 67-68 from 61 credits. 4. Fixing the SLOs and the course they are assessed in. 5. Re-alignment of course sequencing.
Describe discussions about this proposal within the departments and outcomes.	In Fall 2023, the Information and Communication Technology Department initiated the development of Stackable Credentials. Collaborative discussions with key stakeholders, including Dr. Hein (Director of Instruction, CMU Tech), Brigitte Sundermann (Vice President), John Kull (program instructor for CMU and CMU Tech), and advisory member Megan Englund (ABUS), emphasized the need to realign courses for better certification alignment with the AAS degree.

1334: Land Surveying and Geomatics	AAS	Program Modification - Approved	Stanfill | Stelljes

CMU Tech CC Discussion: 1) In the Program Requirements and course sequence, add the option of MATH 131: Applied Calculus (4 credits), MATH 135: Engineering Calculus I (4 credits), and MATH 151: Calculus I (5 credits) to the list with MATH 121: Business Calculus (3 credits) and MATH 141: Analytical Geometry (3 credits). These options ensure students can take the needed math course in the appropriate semester and level. All five math courses ensure the foundational knowledge needed for success in the program.
2) The new course option has been added for consistency to match the course options with the certificate.

Change Item Description	Department Justification
List all proposed changes to the program:	1) In the Program Requirements and course sequence, add the option of MATH 131: Applied Calculus (4 credits), MATH 135: Engineering Calculus I (4 credits), and MATH 151: Calculus I (5 credits) to the list with MATH 121: Business Calculus (3 credits) and MATH 141: Analytical Geometry (3 credits). 2) In the mapping for SLO 4, add MATH 131, MATH 135, and MATH 151.
Describe discussions about this proposal within the departments and outcomes.	Discussed with Lisa Driskell, Math DH, SURV faculty and Director of Instruction, Christi Hein in January 2023, and December 2023.

1335: Applied Technology	AAS	Program Modification - Approved	Ferreira-Lillo | Stanfill

CMU Tech CC Discussion: This change will allow students who have earned technical certificates from CMU to apply these certificate hours toward the AAS in Applied Technology. Previously, the AAS in Applied Technology allowed only students with a completed career technical certificate from an Area Technical College to scaffold those courses into an Associate of Applied Science Degree.

Change Item Description	Department Justification
List all proposed changes to the program:	Adding an additional entry point into the AAS in Applied Technology.
Describe discussions about this proposal within the departments and outcomes.	Discussions were held with the VP of Workforce Development and Technical Education, Academic Affairs, the Director of Instruction at CMU Tech and CMU Tech Curriculum Committee Representatives fall 2023.

1347: Transportation Services: Diesel Mechanics	TCT	Program Modification - Approved	Stanfill | Stelljes

CMU Tech CC Discussion: 1) TSTC 101 was moved to Fall Semester, as that is when the class has been taught since 2021. This will correct the term offered.
2) Restricted electives moved to balance student course load.

Change Item Description	Department Justification
List all proposed changes to the program:	1. TSTC 101 moved to Fall Semester. 2. Decreased restricted electives from fall and increased in spring.
Describe discussions about this proposal within the departments and outcomes.	In person meetings and emails with Dr. Hein (Director of Instruction, WCCC) and other program instructors. Approved Spring 2023.

1386: Transportation Services: Advanced Automotive Service Technic	**AAS**	**Program Modification - Approved**	**Stanfill	Stelljes**

CMU Tech CC Discussion: 1) Adjusted course sequencing for better allocation of credit hours in a semester to not go into overload hours.
2) CADT 101 was removed, as content is no longer necessary since students have basic computer skills, this class will be removed when all programs no longer require the course.
3) Program hours decreased by 1 credit due to removal of CADT 101.

Change Item Description	**Department Justification**
List all proposed changes to the program:	1. Adjusted course sequencing MATH 107, TSTC 101, and KINA 1XX. 2. CADT 101 removed. 3. Decreased program specific requirements from 53 to 52 and decreased total degree requirements from 70 to 69.
Describe discussions about this proposal within the departments and outcomes.	In person meetings and emails with Dr. Hein (Director of Instruction, WCCC) and other program instructors. Approved Spring 2023.

1396: Medical Office Assistant	**AAS**	**Program Modification - Approved**	**Roberson	Stanfill**

CMU Tech CC Discussion: 1) Added MOAP 148 to program specific requirements. This course will provide a comprehensive overview of various diseases, their etiology, and impacts, fostering a holistic understanding essential for clinical preparedness. Importantly, the content of this course is currently distributed across various other courses and consolidating it into a dedicated class streamlines the curriculum. MOAP 147 is being reduced to a 1-credit class to align with other programs and institutions. The material that is being removed from that course is being used to generate this course.
2) Placing MOAP 148 to the second semester will allow students to finish MOAP 133 before taking MOAP 148. This will give students a better background. Moving MOAP 136 will accommodate the addition of MOAP 148. It will also allow students the ability to practice their phlebotomy skills before being placed in internship.
3) MOAP 147 reduced from four credits to one credit. Many health science programs typically require a 1-credit medical terminology class rather than 4 credits. Upon exploring other community colleges in CO, it was observed that the majority of medical terminology classes are within the range of 1-2 credits. Many health science programs typically require a 1-credit medical terminology class rather than 4 credits. Upon exploring other community colleges in CO, it was observed that the majority of medical terminology classes are within the range of 1-2 credits.
4) Updated SLO courses and assessments since those did not import with CIM.

Change Item Description	**Department Justification**
List all proposed changes to the program:	1. Added MOAP 148 to program specific requirements. 2. Change course sequence to better fit content. MOAP 148 added to Year 2/Spring, MOAP 147 moved from Year 2/Fall to Year 1/Spring. MOAP 136 moved from Year 2/Spring to Year 2/Fall. 3. MOAP 147 reduced from four credits to one credit. 4. Updated SLO courses and assessments.

Describe discussions about this proposal within the departments and outcomes.	Discussion with faculty, Christi Hein, Director of Instruction, and Pam Holder, Director of Allied Health. All were in agreement. 11/2023.

1399: Pharmacy Technician	AAS	Program Modification - Tabled	Roberson | Stelljes

CMU Tech CC Discussion: This proposal was tabled for further clarification on the program modifications.

1631: Emergency Medical Technician: Basic	TCT	Program Modification - Approved	Roberson | Stelljes

CMU Tech CC Discussion: 1 and 2) In order to be in compliance with the CCCS numbering system, changes needed to occur to the existing courses to better align with the state system, necessitating the changing of the course numbering and course titles. The additional two hours were needed to account for the clinical experiences that are necessary for the program, and for which students had not been receiving credit. The curriculum must be aligned with the State standardized curriculum for all EMT programs across the state, which the changes will now allow. This will also ensure a more seamless transition for any student transferring between colleges/universities in the state in the EMT Program.
3) Courses to use for assessment and assessments were missing and so included. The new courses based upon the new numbering/course title changes were included.
4) An additional two hours were needed to account for the clinical experiences that are necessary for the program, and for which students had not been receiving credit. This changed the certificate from 10 hours to 12 hours.

Change Item Description	Department Justification
List all proposed changes to the program:	1. The following courses were deleted: EMTS 101 Emergency Medical Technician - Basic I EMTS 102 Emergency Medical Technician - Basic II EMTS 103 Emergency Medical Technician - Basic III 2. The following courses were added: EMTS 121 EMT Fundamentals EMTS 122 EMT Medical Emergencies EMTS 123 EMT Trauma Emergencies EMTS 124 EMT Special Considerations EMTS 170 EMT Clinical 3. Courses to use for assessment and assessments were missing and so included. 4. Hours changed from 10 hours to 12 hours - on the program specific requirements.
Describe discussions about this proposal within the departments and outcomes.	Program Faculty and CMU Tech Administration discussed and approved the changes, fall 2023.

2341: Agriculture Science	AS	Program Modification - Approved	Roberson | Stanfill

CMU Tech CC Discussion: 1) AGRS 103/103L are being inactivated so need removed from the program.
2) SLOs and courses where assessment changed to better reflect program content.
3) Course sequencing changes for better course flow included AGRS 105 moved from 1st Year/Fall to 1st Year/Spring since this course is taught in the spring per the District #51 agreement for student access. It was switched with a Restricted Elective to even out semester credits for the student.

Change Item Description	Department Justification
List all proposed changes to the program:	1.) Removed AGRS 103/AGRS 103L-Introduction to Entomology and Lab from list of Restricted Electives. 2.) SLOs and courses where assessment changed. 3.) Course sequencing change included AGRS 105 moved from 1st Year/Fall to 1st Year/Spring and replaced by the Restricted Elective.
Describe discussions about this proposal within the departments and outcomes.	All changes discussed and approved by the AGRS faculty and Director of Instruction, fall 2023.

Effective Term - Summer 2024			**Courses**
The following is a summary: Additional information can be found on the individual curriculum proposals.			
Title	**Credits**	**Committee Action**	**Motion | Second**
AGRS 100: Practical Crop Production	3	**Course Modification - Approved**	**Roberson | Stelljes**
CMU Tech CC Discussion: 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).			
Change Item Description		**Old**	**New**
AGRS 100L: Practical Crop Production Laboratory	1	**Course Modification - Approved**	**Roberson | Stelljes**
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) Minor edits to catalog description so that lecture and lab have identical descriptions.			
Change Item Description		**Old**	**New**
Course description for the catalog:		Laboratory experiences supporting instruction in the production and adaptation of cultivated crops. Emphasis on crops grown in the western region of the United States. Growth, development, production, and use covered.	Production and adaptation of cultivated crops. Emphasis on crops grown in the western region of the United States. Growth, development, production, and use covered.
AGRS 105: Animal Science	3	**Course Modification - Approved**	**Roberson | Stelljes**
CMU Tech CC Discussion: 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).			
Change Item Description		**Old**	**New**

AGRS 108: Making Compost	3	Course Modification - Approved	Roberson | Stelljes

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) The course description was updated to reflect more accurate and relevant information. The course content is not changing. 3) Changed the course name and abbreviated course name. The course named "Composting" is a verb. "Making Compost" better describes the class.

Change Item Description	Old	New
Course description for the catalog:	Exploration of the microbiology behind composting and procedures for various types of composting. Evaluation of the benefits of using compost in a variety of applications, including soil health and its roles in sustainable and regenerative agriculture. Covers potential hazards and regulations associated with making compost, industrial applications of composting, and employment possibilities in the composting field.	Exploration of the microbiology behind composting and procedures for various types of composting. Evaluation of quality compost and its applications (including compost tea making) for soil health and plant fertility needs. Also included is making compost inoculants and fermenting plant juices for sustainable fertility applications.
Course name:	Composting	Making Compost

AGRS 110: Integrated Pest Management	3	Course Modification - Approved	Roberson | Stelljes

CMU Tech CC Discussion: Academic engagement minutes, student preparation minutes, terms typically offered, topical course outline, student learning outcomes were filled in, and minor edits to course description for clarity (info was not transferred when CIM was implemented).Course description updated to better reflect current practices and current course content.

Change Item Description	Old	New

AGRS 125: Agricultural Machinery and Technology	3	Course Modification - Approved	Roberson | Stelljes

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) The suggestion to change the course name came up from our Agriculture Advisory Board as today the agriculture industry is embracing technology in addition to traditional mechanics. The Director of Instruction agrees. Course content is not significantly changing.

Change Item Description	Old	New

Course name:	Agricultural Machinery	Agricultural Machinery and Technology
Course abbreviated schedule name:	Agricultural Machinery	Agricultural Machinery Tech

AGRS 131: Water and Irrigation: Principles and Practices	**2**	**Course Modification - Approved**	**Roberson | Stelljes**

CMU Tech CC Discussion: 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).

Change Item Description		**Old**	**New**

AGRS 131L: Water and Irrigation: Principles and Practices Laboratory	**1**	**Course Modification - Approved**	**Roberson | Stelljes**

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) Minor edits to catalog description so that lecture and lab have identical descriptions.

Change Item Description	**Old**	**New**
Course description for the catalog:	Applications in water, soil, and plant relationships; water quality assessment; principles of irrigation, methods, and systems.	Exploration of water, soil, and plant relationships; water quality assessment; principles of irrigation, methods, and systems.

AGRS 205: Farm and Ranch Management	**3**	**Course Modification - Approved**	**Roberson | Stelljes**

CMU Tech CC Discussion: 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).

Change Item Description	**Old**	**New**

AGRS 208: Agricultural Finance	**3**	**Course Modification - Approved**	**Roberson | Stelljes**

CMU Tech CC Discussion: 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).

Change Item Description	**Old**	**New**

AGRS 210: Agricultural Marketing	**3**	**Course Modification - Approved**	**Roberson | Stelljes**

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) The course description was updated to reflect more accurate and relevant information. 3) Learning about agricultural marketing is important as often agricultural products have a shelf life due to their perishability making it critical to make a sale quickly. Marketing is the basis for sales, either as a commodity producer or a market gardener selling products at a farmers market, we need to understand how to reach customers. After discussing marketing courses with Business Department professors, it was clear that agriculture marketing has subtle differences that traditional marketing classes don't include. Worldwide consumers are questioning their food supplies and a producer needs to be able to communicate their products, their practices and their story. Marketing today is not just print and airwaves but digital and social media based. Agriculture producers today must embrace these trends.

Change Item Description	Old	New
Course description for the catalog:	Applied study of the agricultural marketing system. Methods of marketing crops and livestock. Emphasis on hedging with futures and options.	Applied study of the agricultural marketing system. Methods of marketing crops and livestock. Hedging with futures and options will be covered along with direct sales marketing and building a business brand.

AGRS 225: Feeds and Feeding	4	Course Modification - Approved	Roberson	Stelljes

CMU Tech CC Discussion: 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)

Change Item Description	Old	New

AGRS 230: Farm Animal Anatomy and Physiology	3	Course Modification - Approved	Roberson	Stelljes

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) Abbreviated title adjusted to more closely align with full title.

Change Item Description	Old	New
Course abbreviated schedule name:	Animal Anat. Phys.	Farm Animal Anatomy/Physiology

AGRS 240: Introduction to Soil Science	3	Course Modification - Approved	Roberson	Stelljes

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) Added AGRS 100 as a prerequisite to provide needed foundational knowledge. 3) Updated course description to better reflect course content.

Change Item Description	Old	New
Prerequisites:		AGRS 100

Course description for the catalog:	Formation, physical properties, chemical properties, and management of soils emphasizing conditions affecting plant growth.	Formation, physical properties, chemical properties, and management of soils, emphasizing conditions affecting plant growth. Defining the components of soil health and how to manage them.

AGRS 240L: Introduction to Soil Science Laboratory	1	Course Modification - Approved	Roberson | Stelljes

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) Course description changed to align with AGRS 240 as this course is the associated lab. 3) Added AGRS 100 as a prerequisite to provide needed foundational knowledge.

Change Item Description	Old	New
Prerequisites:		AGRS 100
Course description for the catalog:	Formation, physical properties, chemical properties, and management of soils emphasizing conditions affecting plant growth in the lab environment.	Formation, physical properties, chemical properties, and management of soils, emphasizing conditions affecting plant growth. Defining the components of soil health and how to manage them.

AGRS 250: Live Animal and Carcass Evaluation	1	Course Modification - Approved	Roberson | Stelljes

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AGRS 250L: Live Animal and Carcass Evaluation Laboratory	2	Course Modification - Approved	Roberson | Stelljes

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) The course description was updated to align with AGRS 250 as this course is the associated lab.

Change Item Description	Old	New

Course description for the catalog:	Lab component required for AGRS 250.	Exploration of meat carcass evaluation and the related yield and quality grading system. Emphasizes selection of breeding stock based on performance data. Covers comparative selection, grading, and judging of market and breeding classes of livestock based on knowledge of phenotype, performance, information, and/or carcass merit.

AGRS 260: Plant Propagation	**3**	**Course Modification - Approved**	**Roberson	Stelljes**

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) The course description was updated to reflect more accurate and relevant information. We don't have the facilities on the CMU Tech campus to do tissue culturing so that technique is proposed to be dropped from the course description. Including production calculations and a production calendar component is very important for accurate plant propagation.

Change Item Description	**Old**	**New**
Course description for the catalog:	Theory, biology, and practical applications of plant propagation technologies. Propagation by seed, cuttings, budding, grafting, layering, and tissue culture. Propagation environment, techniques of stock plant management, and seed handling.	Theory, biology, and practical applications of plant propagation technologies. Propagation by seed, cuttings, budding, grafting, and layering. Propagation environment, techniques of stock plant management, and seed handling along with production calculations and a complete production calendar will be investigated.

AGRS 288: Livestock Practicum	**3**	**Course Modification - Approved**	**Roberson	Stelljes**

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) Instructional method and minutes were changed from Lecture/Lab:Vocational/Tech to Internship/Practicum to better reflect how the course is taught.

Change Item Description	**Old**	**New**
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Internship/Practicum

AGRS 293: Cooperative Experience/Internship	5	Course Modification - Approved	Roberson | Stelljes

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) Internship was added to name to better describe the experience. Next fall this course will be deactivated and an AGRS 299 class will be added.

Change Item Description	Old	New
Course name:	Cooperative Experience	Cooperative Experience/Internship

AVTN 101: Private Pilot Ground School	4	Course Modification - Approved	Roberson | Ferreira-Lillo

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AVTN 102: Private Pilot Flight	4	Course Modification - Approved	Roberson | Ferreira-Lillo

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AVTN 105: Aviation Meteorology	4	Course Modification - Approved	Roberson | Ferreira-Lillo

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AVTN 111: Instrument Pilot Ground School	4	Course Modification - Approved	Roberson | Ferreira-Lillo

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AVTN 112: Instrument Pilot Flight	4	Course Modification - Approved	Roberson | Ferreira-Lillo

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AVTN 140: Aircraft Systems	4	Course Modification - Approved	Roberson	Ferreira-Lillo

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AVTN 201: Commercial Pilot Ground School	2	Course Modification - Approved	Roberson	Ferreira-Lillo

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AVTN 202: Commercial Pilot Flight I	4	Course Modification - Approved	Roberson	Ferreira-Lillo

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AVTN 203: Commercial Pilot Flight II	3	Course Modification - Approved	Roberson	Ferreira-Lillo

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AVTN 205: Mountain Flying Ground School	1	Course Modification - Approved	Roberson	Ferreira-Lillo

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AVTN 206: Crew Resource Management	1	Course Modification - Approved	Roberson	Ferreira-Lillo

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AVTN 207: Multi-Engine Ground School	1	Course Modification - Approved	Roberson	Ferreira-Lillo

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) Private pilot removed from the course description. AVTN 207 requires completion of a Commercial Pilot Multi Engine Certificate, not a Private Pilot Certificate. Completing the Private Pilot Multi Engine should already be completed.

Change Item Description	Old	New
Course description for the catalog:	Preparation for the FAA Practical Test for Private or Commercial Pilot, Airplane Multi-Engine Land.	Preparation for the FAA Practical Test for Commercial Pilot, Airplane Multi-Engine Land.

AVTN 208: Multi-Engine Flight	1	Course Modification - Approved	Roberson | Ferreira-Lillo

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) Changing instructional method from Lecture to Lecture/Lab: Vocational/Technical to accurately reflect the content of the course.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture	Lecture/Lab: Vocational/Tech

AVTN 211: Fundamentals of Instruction	2	Course Modification - Approved	Roberson | Ferreira-Lillo

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AVTN 212: Flight Instructor Ground School	2	Course Modification - Approved	Roberson | Ferreira-Lillo

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AVTN 213: Flight Instructor Flight	1	Course Modification - Approved	Roberson | Ferreira-Lillo

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) Changing instructional method from Lecture to Lecture/Lab: Vocational/Technical to accurately reflect the content of the course. 3) Minor edits to catalog description to get it < 60 words. Corrected capitalization errors.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture	Lecture/Lab: Vocational/Tech

| Course description for the catalog: | Preparation of mastery in the areas of: Fundamentals of Instructing, Technical Subject Areas, Preflight Preparation and Lesson, Grand and Airport Operations, Take Offs and Climbs, Fundamentals of Flight, Stalls, Spins, Maneuvering During Slow Flight, Basic Instrument Maneuvers, Performance Maneuvers, Ground Reference Maneuvers, Emergency Operations, Approaches, Landings, and After Landing Procedures, by passing the FAA Practical Test for Flight Instructor Airplane, Single-Engine Land. | Preparation of mastery in: fundamentals of instructing, technical subject areas, preflight preparation and lesson, grand and airport operations, take offs and climbs, fundamentals of flight, stalls, spins, maneuvering during slow flight, basic instrument maneuvers, performance maneuvers, ground reference maneuvers, emergency operations, approaches, landings, and after landing procedures, by passing the FAA Practical Test for Flight Instructor Airplane, Single-Engine Land. |

AVTN 218: ATC Procedures	4	Course Modification - Approved	Roberson	Ferreira-Lillo

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

AVTN 245: Aviation Safety	2	Course Modification - Approved	Roberson	Ferreira-Lillo

CMU Tech CC Discussion: Updates to the topical course outline and SLOs were made to better reflect current course content. Semester changed to accurately reflect when the course is currently taught.

Change Item Description	Old	New
Please indicate the semester(s) in which the course will typically be offered:	Fall/Spring	Spring

AVTN 247: Aviation Physiology	2	Course Modification - Approved	Roberson	Ferreira-Lillo

CMU Tech CC Discussion: Change in course SLO to align with SLO guidelines. Change of semester to accurately reflect when course is currently taught.

Change Item Description	Old	New
Please indicate the semester(s) in which the course will typically be offered:	Fall/Spring	Spring

CADT 106: Computer Aided Design	3	Course Modification - Approved	Stelljes	Roberson

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 Activity and minutes changed to better reflect how course is currently taught. 3) Course description changed to align with Curriculum guidelines.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Course description for the catalog:	Basic principles of computer aided design through the development of practical drawing problems using a computer. One one-hour lecture and two one and one-half laboratories per week.	Basic principles of computer-aided design through the development of practical drawing problems using a computer.

CADT 108: CAD - Mechanical	3	Course Modification - Approved	Stelljes	Roberson

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) Course description updated to reflect current course content. 3) Instructional Activity and minutes changed to better reflect how course is currently taught.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Course description for the catalog:	Offers the student basic principles of computer aided drafting through the development of practical drawing problems using CAD software on the computer. One one-hour lecture and two one and one-half laboratories per week.	Basic principles of computer-aided drafting and 3D modeling through the development of practical drawing problems using CAD software.

CADT 109: CAD- Mechanical Engineering	3	Course Modification - Approved	Stelljes	Roberson

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 Activity and minutes changed to better reflect how course is currently taught. 3) Course description changed to align with Curriculum guidelines.

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

| Course description for the catalog: | Advanced work in computer aided drafting principles including 2-D and 3-D shading, solid based modeling and parametric modeling. One one-hour lecture and two one and one-half hour laboratories per week. | Advanced work in computer-aided drafting principles, including 2-D and 3-D drawing, solid-based modeling, and parametric modeling. |

CADT 130: CAD-Civil	3	Course Modification - Approved	Stelljes	Roberson

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 Activity and minutes changed to Mixed instructional Method to better reflect how course is currently taught. 3) Course description changed to align with Curriculum guidelines. 4) CADT 106 added as a prerequisite since CADT 130 uses Civil 3D, CAD program that is based on AutoCAD and CADT 106 is an introduction to AutoCAD. Students need to learn the basics of AutoCAD before using Civil 3D.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Course description for the catalog:	Civil drafting will explore the aspects of current day mapping and topography, instruments, conventions and practices, contours, traverses, profiles, surveying, and photogrammetry through CAD drawings. Students will be introduced to GIS,graphical interface systems. One one-hour lecture and two one and one-half hour laboratories per week.	Basic principles of civil drafting, including organizing data, working with points, surfaces, parcel contours, grading, and pipe networks. Students will be introduced to graphical interface systems (GIS).

CADT 135: CAD Civil II	3	Course Modification - Approved	Stelljes	Roberson

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 Activity and minutes changed to Mixed Instructional Method to better reflect how course is currently taught. 3) Course description changed to better reflect current course content.

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

Course description for the catalog:	Exploration of advanced aspects of current day mapping and topography. An in-depth instruction on road plan and profiles, cut and fill techniques and further instruction using skills from CADT 130.	Advanced work in configuring software and customizing sheet properties. Explore alternative methods to create surfaces and parcels and advanced corridor and pipe network design and further instruction using skills from CADT 130.	

CADT 140: Architectural Theory and Structural Materials	3	Course Modification - Approved	Stelljes	Roberson

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 Activity and minutes changed to Mixed Instructional Method to better reflect how course is currently taught. 3) Course description changed to better reflect current course content. 4) CADT 142 was added as a coreq since both courses share a final project and must be taken concurrently.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Course description for the catalog:	Elementary design strategies, theories and methods for architectural documents. Students will use appropriate computer software to meet professional standards, apply properties of architectural components and materials to develop buildable assemblies, and analyze an architectural process drawing for compliance. Codes, standards, and testing will be emphasized, including an introduction to mechanical, electrical, plumbing and systems requirements.	Elementary design strategies, theories, and methods for architectural documents. Application of architectural components and materials to develop buildable assemblies. Emphasis is placed on building codes and standards.
Corequisites:		CADT 142

CADT 142: CAD - Residential Architecture	3	Course Modification - Approved	Stelljes	Roberson

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 Activity and minutes changed to Mixed Instructional Method to better reflect how course is currently

taught. 3) Course description changed to better reflect current course content. 4) CADT 140 was added as a coreq since both courses share a final project and must be taken concurrently.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Course description for the catalog:	Residential Architectural CAD will provide the student with a realistic residential project that will begin with schematic design and take him/her through to construction documents. Construction documents will include: site plan, floor plan, exterior elevations, foundation plan, floor framing plan, roof framing plan, building section, and a variety of construction details. One one-hour lecture and two one and one-half hour laboratories per week.	Basic principles in residential architectural CAD through a realistic residential project, from concept through construction documents.
Corequisites:		CADT 140

CADT 143: CAD-Commercial Architecture	3	Course Modification - Approved	Stelljes | Roberson

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 Activity and minutes changed to Mixed Instructional Method to better reflect how course is currently taught. 3) Course description changed to align with Curriculum guidelines.

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

Course description for the catalog:	Commercial Architectural CAD will emphasize the creation of commercial project plans that will begin with schematic design and continue through to construction documents. Construction documents will include site plan, foundation floor slab plan, roof framing plan, building section and a variety of construction details. One one-hour lecture and two one and one-half hour laboratories per week.	Creation of commercial project plans that begin with schematic design and continue through to construction documents. Construction documents will include site plan, foundation floor slab plan, roof framing plan, building section, and a variety of construction details.

CADT 210: Project	3	Course Modification - Approved	Stelljes | Roberson

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 Activity and minutes changed to Mixed Instructional Method to better reflect how course is currently taught. 3) Course description changed to align with Curriculum guidelines. 4) CADT 106 and CADT 142 added as a prereq to provide the foundational knowledge needed in CAD - Residential Architecture to succeed in the course.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Course description for the catalog:	Exploration of computer aided drawings relating to Building Information Modeling. Teaches the concepts and principles of creating 3D parametric models of mechanical, electrical and plumbing systems from engineering design through construction documentation.	Exploration of computer-aided drawing, demonstrating learned concepts and principles of 3D parametric modeling to residential and commercial applications.
Prerequisites:		CADT 106 and CADT 142 (both may be taken concurrently)

CONC 101: Construction Safety and Regulations	3	Course Modification - Approved	Roberson | Stelljes

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) Additionally, the course description was updated to reflect more accurate and relevant information.

Change Item Description	Old	New
Course description for the catalog:	Construction safety and its effect on productivity and employee morale. Application of basic principles of accident prevention. Complying with the various federal, state, and local laws governing safety (OSHA), hazardous chemicals, and drugs in the work place.	Introduction to OSHA standards as applied to the construction industry. Discover how employee safety is critical to successful projects, both financially and in terms of the schedule. Discussion topics include: falls, electrocution, struck-by, caught in/between, managing safety and health, PPE, fire safety, excavations, cranes, and scaffolds. Special emphasis placed on recognizing the most common safety hazards in the construction industry.

CONC 104: Architectural/Civil Print Reading	2	Course Modification - Approved	Roberson	Stelljes

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) The course description was updated to reflect more accurate and relevant information.

Change Item Description	Old	New
Course description for the catalog:	Reading and hand-drafting prints as used in industry, application of that information to various architectural and civil industries.	Basic architectural design theory, principles, elements, and ordering systems. Read residential and civil drawings as used in the industry. Demonstrate architectural design and drawings skills.

CONC 116: Building Materials	3	Course Modification - Approved	Roberson	Stelljes

CMU Tech CC Discussion: 1) Updated course description and topical course outline to better reflect current course content. 2) Update SLOs to better align with SLO guidelines.

Change Item Description	Old	New

Course description for the catalog:	Introduction to building materials and methods commonly used in the construction industry. Includes an overview of foundation systems, concrete, steel, and wood products.	Introduction to foundation and utility systems, as well as proper construction and quality practices. Includes an emphasis on construction drawings and documents for each scope.

CONC 161: Building Mechanical/Electrical	3	Course Modification - Approved	Roberson | Stelljes

CMU Tech CC Discussion: 1) Updated course description and topical course outline to better reflect current course content. 2) Updated SLOs to better align with SLO guidelines.

Change Item Description	Old	New
Course description for the catalog:	Introduction to basic electrical, plumbing, heating, ventilation, and air conditioning systems found in residential and commercial buildings. Basic theory and design concepts included.	Introduction to the electrical, plumbing, and HVAC systems in a building. Provides an understanding of how these systems operate and contribute to building comfort and safety. Overview of utility infrastructure and its utilization.

CONC 218: Surveying	3	Course Modification - Approved	Roberson | Stelljes

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) "MATH 107 or higher" replaced "MATH 107 or MATH 113" as a prereq. This allows students more flexibility in choosing their math course. 3) Course description modified to better reflect current course content. 4) Instructional Activity changed to mixed instructional method to better reflect how course is currently taught.

Change Item Description	Old	New
Type of Instructional Activity:	Laboratory: Academic/Clinical	Mixed Instructional Method
Course description for the catalog:	The fundamentals of modern plane surveying techniques and basic surveying instruments. Emphasis on construction-related aspects of surveying and the development of skills in using surveying field information.	Theory and use of survey instruments dealing with measurements pertaining to plane surveying. Application of surveying methods in use of various layouts and scopes.
Prerequisites:	MATH 107 or MATH 113	MATH 107 or higher

CONC 228: Estimating and Cost Control	3	Course Modification - Approved	Roberson	Stelljes

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) The course description was updated to reflect more accurate and relevant information. 3) Prerequisites CADT 105, CONC 116, CONC 161, CONC 208 removed. The pre-requisite courses were removed because Construction Management Majors are not required to take CADT 106, which is a pre-req to CONC 228, (which is required). We also do not review MEP in CONC 228, so CONC 161 should not be required either. CADT 105 should actually be CADT 106, which is not required for Construction Management majors. CONC 208 is about horizontal estimating which does not prepare the students for CONC 228 either, and in CONC 116 we focus on concrete and foundations and codes which does not correlate to CONC 228.

Change Item Description	Old	New
Course description for the catalog:	The estimation process, the role of the estimator, types of estimation, CSI Divisions, bid/contract documents, change order pricing, value engineering, design build projects, and estimate compilation and cost controls.	Introduction to principles of construction cost estimates, including organization of information. Produce accurate quantity takeoffs both fundamentally and by use of takeoff softwares. Understand the organization of commercial contract documents and adaptation of CSI MasterFormat.
Prerequisites:	CADT 105, CONC 116, CONC 161, CONC 208 or permission of instructor	

CONC 265: Planning and Scheduling for the Construction Supervisor	3	Course Modification - Approved	Roberson	Stelljes

CMU Tech CC Discussion: 1) Academic engagement minutes and student preparation minutes, typical semester offered, SLOs, and topical course outline were added (info was not transferred when CIM was implemented). 2) The course description was updated to reflect more accurate and relevant information. 3) Permission of Instructor removed to reflect Curriculum guidelines. 4) Abbreviated name changed to add more letters to clarify title.

Change Item Description	Old	New

Course description for the catalog (do not list pre-reqs, co-reqs, and terms typically offered):	Planning the sequence, duration and relationship of activities for a construction process. Communicate the plan to contractual parties and to use the plan as reference point for examining project changes. Includes planning for safety, organization, manpower, problem solving, and site layout.	Introduction to the concepts of construction planning and scheduling, including planning the sequence, duration, and relationship of activities for a construction process.
Course abbreviated schedule name:	Plan/Schedule for Const Superv	Plan/Schedule Const Supervisor
Prerequisites:	Permission of instructor	

CUAR 156: Nutrition for the Hospitality Professional	**3**	**Course Modification - Approved**	**Ferreira-Lillo	Stanfill**

CMU Tech CC Discussion: 1) Change in instructional method and contact hours per week: The course has evolved over time to include hands-on lab work to enhance concepts introduced in lecture. This has led to improved student engagement and achievement of student learning outcomes. Additional contact time is needed to complete the lab portion of the course. 2) The semesters offered, topical course outline, and student learning outcomes were added into the CIM system record.

Change Item Description	**Old**	**New**
Type of Instructional Activity:	Lecture	Mixed Instructional Method

EDEC 100A: Parent Education and Infants	**1**	**Course Modification - Approved**	**Roberson	Stanfill**

CMU Tech CC Discussion: 1) Academic engagement minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Type of instructional activity and contact hours were incorrectly listed as lecture and now updated to Independent Studies.

Change Item Description	**Old**	**New**
Type of Instructional Activity:	Lecture	Independent Studies

EDEC 100B: Parent Education and Toddlers	**1**	**Course Modification - Approved**	**Roberson	Stanfill**

CMU Tech CC Discussion: 1) Academic engagement minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Type of instructional activity and contact hours were incorrectly listed as lecture, now changed to Independent Studies. 3) Changed repeatability to two times since the child can attend Little Mavs for two years.

Change Item Description	**Old**	**New**
Type of Instructional Activity:	Lecture	Independent Studies
Repeat limit:	1	2

EDEC 100C: Parent Education and Early Preschool	1	Course Modification - Approved	Roberson	Stanfill

CMU Tech CC Discussion: 1) Academic engagement minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Type of instructional activity and contact hours were incorrectly listed as lecture, now changed to Independent Studies. 3) Changed repeatability to two times since the child can attend Little Mavs for two years.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture	Independent Studies
Repeat limit:	1	2

EDEC 100D: Parent Education and School Readiness	1	Course Modification - Approved	Roberson	Stanfill

CMU Tech CC Discussion: 1) Academic engagement minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Type of instructional activity and contact hours were incorrectly listed as lecture, now changed to Independent Studies. 3) Changed repeatability to two times since the child can attend Little Mavs for two years.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture	Independent Studies
Repeat limit:	1	2

EDEC 101: Introduction to Early Childhood	3	Course Modification - Approved	Roberson	Stanfill

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) The course description was updated to reflect more accurate and relevant information.

Change Item Description	Old	New

Course description for the catalog:	Includes the eight key areas of professional knowledge: Child Growth and Development; Health, Nutrition, and Safety; Developmentally Appropriate Practices; Guidance; Family and Community Relationships; Diversity; Professionalism; Administration and Supervision. Overview of history and philosophy. Focuses on ages birth through age 8. Assignments require 3 hours of field experience and may include observation/participation in an early childhood setting.	Introduction to the profession of Early Childhood Education. Includes key areas of professional knowledge related to working with young children and their families in early care and education settings: child growth and development; health, nutrition, and safety; developmentally appropriate practices; guidance; family and community relationships; diversity and inclusion; professionalism; and administration and supervision. Addresses children ages birth through 8 years.

EDEC 102: Introduction to Early Childhood Professions Lab Experiences	**3**	**Course Modification - Approved**	**Roberson	Stanfill**

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) The course description was updated to reflect more accurate and relevant information. Instructional type was changed to more accurately reflect how the course is currently taught.

Change Item Description	**Old**	**New**

Course description for the catalog:	Field experience. Demonstrate knowledge of child growth and development, guidance techniques, planning and implementation of curriculum, assessment techniques and application of laws and standards. Supervised placement provides opportunity to observe, to practice appropriate interactions and to develop effective guidance and nurturing techniques. Addresses ages birth through 8. Assignments include a required field experience of 60 hours.	Classroom seminar and placement in a childcare setting. The supervised placement provides the student with the opportunity to observe children, practice appropriate interactions, and develop effective guidance and management techniques. Addresses ages birth through age 8. 60 hours of lab placement.

EDEC 103: Guidance Strategies	3	Course Modification - Approved	Roberson	Stanfill

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) The course description was updated to reflect more accurate and relevant information.

Change Item Description	**Old**	**New**
Course description for the catalog:	Explores guidance theories and techniques, real world applications, goals, and factors influencing expectations, classroom management issues. Techniques for prosocial skills, violence prevention, anger management and providing families with community resources discussed. Focus on birth through age 8. Assignments require 3 hours of field experience and may include observation/participation in an early childhood setting.	Exploration of guidance theories, techniques, and practices used to address repeated patterns of child behavior that interfere with a young child's ability to learn and engage in prosocial interactions with peers and adults. Covers factors that influence children's behaviors and aspects of early childhood educator professionalism related to ethical and equitable guidance practice. Addresses children ages birth through 8 years.

EDEC 113: Infant and Toddler Theory and Practice	3	Course Modification - Approved	Roberson	Stanfill

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) The course description was updated to reflect more accurate and relevant information.

Change Item Description	Old	New
Course description for the catalog:	Introduction to children from birth through age 3. Includes the eight key areas of professional knowledge: Child Growth and Development; Health, Nutrition and Safety; Developmentally Appropriate Practices; Guidance; Family and Community Relationships; Diversity; Professionalism; Administration and Supervision. Overview of history and philosophy of early childhood education. Assignments require 3 hours of field experience and may include observation/participation in an early childhood setting.	Overview of development and care pertinent to infant and toddler children, ages birth to three years, in early childhood settings. The course includes information on state requirements for regulating health, safety, and nutrition practices in early childhood settings, and on indicators of quality care for infants and toddlers.

EDEC 114: Introduction to Infant/Toddler Lab Techniques	**3**	**Course Modification - Approved**	**Roberson	Stanfill**

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) The course description was updated to reflect more accurate and relevant information. 3) Instructional activity changed to more accurately reflect how the course is currently taught.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture	Mixed Instructional Method

| Course description for the catalog: | Field experience. Demonstrate knowledge of child growth and development, guidance techniques, planning and implementation of curriculum, assessment techniques, and application of laws and standards. Supervised placement provides opportunity to observe, to practice appropriate interactions and to develop effective guidance and nurturing techniques. Addresses ages birth through age 3 years. Assignments include a required field experience of 60 hours. | Classroom seminar and placement in an infant and/or toddler setting. The supervised placement provides the student with the opportunity to observe, practice appropriate interactions, and develop effective guidance and nurturing techniques with infants and/or toddlers. Addresses ages prenatal through age 2. Assignments include a required field experience of 60 hours. |

EDEC 122: Ethics in Early Childhood Education	**1**	**Course Modification - Approved**	**Roberson	Stanfill**

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) The course description was updated to reflect more accurate and relevant information.

Change Item Description	**Old**	**New**

Course description for the catalog:	Practical approach to recognizing, understanding, and resolving issues confronting professionals in education and business. Emphasizes historical development of ethics. Application of critical thinking and decision-making skills to ethical dilemmas in classroom, business, community and governmental settings. Exploration of methods of resolution through ethical reasoning and the National Association for the Education of Young Children (NAEYC) professional codes. Emphasizes logical analysis, critical thinking, and responsible ethical decision making.	Practical approach to recognizing, understanding, and resolving issues confronting professionals in education and business. Application of critical thinking and decision-making skills to ethical dilemmas. Exploration of methods of resolution through ethical reasoning and the National Association for the Education of Young Children (NAEYC) professional codes. Emphasizes logical analysis, critical thinking, and responsible ethical decision making.

EDEC 125: Science/Math and the Young Child	3	Course Modification - Approved	Roberson | Stanfill

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) The course description was updated to reflect more accurate and relevant information. 3) Terms typically offered was changed to remove summer since the course is not offered in the summer.

Change Item Description	Old	New
Course description for the catalog:	Examination of theories of cognitive development as a framework for conceptualizing the way young children acquire scientific and mathematical skills, concepts, and abilities. Enables students to research and develop appropriate individual and group scientific/mathematical activities for young children. Assignments require 3 hours of field experience and may include	Examination of theories of cognitive development as a framework for conceptualizing the way young children acquire scientific and mathematical skills, concepts, and abilities. Enables students to research and develop appropriate individual and group scientific/mathematical activities for young children.

observation/participation in
an early childhood setting.

Please indicate the semester(s) in which the course will typically be offered:	Fall/Spring/Summer	Fall/Spring

EDEC 126: Art and the Young Child	2	Course Modification - Approved	Roberson	Stanfill

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) The course description was updated to reflect more accurate and relevant information. 3) Terms typically offered was changed to remove spring and summer to more accurately reflect when course is taught.

Change Item Description	Old	New
Course description for the catalog:	Preparation to plan and implement a comprehensive and developmentally-appropriate art program for young children. Investigates the development of self-taught art techniques in young children. Assignments require 2 hours of field experience and may include observation/participation in an early childhood setting.	Preparation to plan and implement a comprehensive and developmentally appropriate art program for young children. Investigates the development of self-taught art techniques in young children.
Please indicate the semester(s) in which the course will typically be offered:	Fall/Spring/Summer	Fall

EDEC 127: Music/Movement for the Young Children	1	Course Modification - Approved	Roberson	Stanfill

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was

implemented). 2) The course description was updated to reflect more accurate and relevant information. 3) Terms typically offered was changed to remove spring and summer to more accurately reflect when course is taught.

Change Item Description	Old	New
Course description for the catalog:	Focus on incorporating music and movement into the early childhood curriculum. Through active participation with hands-on experiences, students work with the concepts of age and developmental appropriateness when designing fun activities with both subjects. Assignments require 1 hour of field experience and may include observation/participation in an early childhood setting.	Exploration of the purposes of incorporating music and movement into the early childhood curriculum. Through active participation with hands-on experiences, students work with the concepts of age and developmental appropriateness when designing fun activities with both subjects.
Please indicate the semester(s) in which the course will typically be offered:	Fall/Spring/Summer	Fall

EDEC 201: Observation and Assessment in Early Childhood Techniques	1	Course Modification - Approved	Roberson	Stanfill

CMU Tech CC Discussion: 1) Updated SLOs to align with SLO guidelines. 2) Short title changed to more accurately reflect the title.

Change Item Description	Old	New
Course abbreviated schedule name:	Obs Assess ECE Techniques	Observe/Assess ECE Techniques

EDEC 205: Nutrition, Health, Safety	3	Course Modification - Approved	Roberson	Stanfill

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

EDEC 230: Curriculum and Development: Infant/Toddler	3	Course Modification - Approved	Roberson	Stanfill

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

EDEC 237: Theories and Techniques of Social and Emotional Growth	3	Course Modification - Approved	Roberson	Stanfill

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

EDEC 238: Early Childhood Development 0-8 Years	3	Course Modification - Approved	Roberson	Stanfill

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

EDEC 240: Curriculum and Development: Early Childhood	3	Course Modification - Approved	Roberson	Stanfill

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) Permission of instructor removed from prerequisites to align with curriculum guidelines. 3) Instructional activity changed to more accurately reflect how course is currently taught.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Lecture
Prerequisites:	EDEC 101 or permission of instructor	EDEC 101

EDEC 241: Early Childhood Administration: Human Relations	3	Course Modification - Approved	Roberson	Stanfill

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

EDEC 250: Exceptionalities in Early Education	3	Course Modification - Approved	Roberson	Stanfill

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) Removed permission of instructor to align with Curriculum guidelines. 3) Changed instructional activity to more accurately reflect how course is currently taught.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Lecture
Prerequisites:	EDEC 101 or permission of instructor	EDEC 101

EDEC 256: Working with Parents, Families, and Community Systems	**3**	**Course Modification - Approved**	**Roberson	Stanfill**

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

EDEC 264: Administration in Early Education	**3**	**Course Modification - Approved**	**Roberson	Stanfill**

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) Instructional activity changed to more accurately reflect how course is currently taught.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Lecture

EDEC 290: Early Literacy for the Young Child	**2**	**Course Modification - Approved**	**Roberson	Stanfill**

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

EDEC 297: Practicum	**1-2**	**Course Modification - Approved**	**Roberson	Stanfill**

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

EDEC 299: Student Teaching in Early Education	**3**	**Course Modification - Approved**	**Roberson	Stanfill**

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) Instructional activity was changed from Internship/Practicum to Mixed Instructional Method to better align with course content.

Change Item Description	Old	New
Type of Instructional Activity:	Internship/Practicum	Mixed Instructional Method

ELCE 102: Electrical Blueprint Reading	4	Course Modification - Approved	Stanfill	Stelljes

CMU Tech CC Discussion: 1) Added information to CIM that was not transferred when CIM was implemented: semester class is offered, topical course outline, student learning outcomes, Academic engagement minutes, and student preparation minutes. 2) Changed instructional method and minutes from Lecture/Lab: Vocational/Technical to Mixed Instructional Method to better align with course content.

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

ELCE 110: House Wiring	4	Course Modification - Approved	Stanfill	Stelljes

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) 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.

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

ELCE 120: Commercial Wiring	4	Course Modification - Tabled	Stanfill	Stelljes

CMU Tech CC Discussion: Proposal was tabled to get clarification on why prerequisite ELCE 110 is being added.

Change Item Description	Old	New

ELCE 124: Electrical Safety	1	Course Modification - Approved	Stanfill	Stelljes

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

ELCE 130: National Electrical Code I	4	Course Modification - Approved	Stanfill	Stelljes

CMU Tech CC Discussion: 1) Added information to CIM that was not transferred when CIM was implemented: semester class is offered, academic engagement and preparation minutes, topical course outline, and student learning outcomes. 2) Abbreviated name updated to match full name since there are plenty of characters available and it provides greater clarity for students.

Change Item Description	Old	New
Course abbreviated schedule name:	NEC I	National Electrical Code I

ELCE 144: Grounding and Bonding	1	Course Modification - Approved	Stanfill | Stelljes

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) Changing the classification of instructional activity from Lecture/Lab: Vocational/Technical to Lecture to more accurately reflects the course activities students can expect to take place.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Lecture

ELCE 167: Electrical Maintenance	4	Course Modification - Tabled	Stanfill | Stelljes

CMU Tech CC Discussion: Proposal was tabled to get clarification on why prerequisite ELCE 110 is being added.

Change Item Description	Old	New

ELCE 229: AC/DC Variable Speed Drive	2	Course Modification - Approved	Stanfill | Stelljes

CMU Tech CC Discussion: 1) Added information to CIM that was not transferred when CIM was implemented: semester class is offered, academic engagement and preparation minutes, topical course outline, and student learning outcomes. 2) Changed instructional method from Lecture/Lab: Vocational/Technical to Mixed Instructional Method to better align with course content.

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

ELCE 263: Specific Wiring for Structured Cabling Systems	2	Course Modification - Approved	Stanfill | Stelljes

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) Changing the classification of instructional activity from Lecture/Lab: Vocational/Technical to Lecture to more accurately reflects the course activities students can expect to take place. 3) Added more information by adding additional letters/words to abbreviated course title to more clearly explain the course.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Lecture

EMTS 121: EMT Fundamentals	3	Course Addition - Approved	Roberson | Stanfill

CMU Tech CC Discussion: There was a need to align our program with other Colorado EMT Schools. By aligning our course numbers, it will be more understandable to the industry as well as help students in the transfer process. This course will align with EMS 1021 - EMT Fundamentals and

introduces students to fundamental skills of the Emergency Medical Technician (EMT) student, including EMS systems, well-being of the EMT, communication, and patient assessment.

Change Item Description	Old	New

New Proposal: No differences to report

EMTS 122: EMT Medical Emergencies	**4**	**Course Addition - Approved**	**Roberson	Stanfill**

CMU Tech CC Discussion: There was a need to align our program with other Colorado EMT Schools. By aligning our course numbers, it will be more understandable to the industry as well as help students in the transfer process. This course will focus on the knowledge and skills to effectively provide emergency care and transportation to a patient experiencing a medical emergency and the integration of the physical exam, medical history, and pathophysiology when assessing and treating the medical patient.

Change Item Description	Old	New

New Proposal: No differences to report

EMTS 123: EMT Trauma Emergencies	**2**	**Course Addition - Approved**	**Roberson	Stanfill**

CMU Tech CC Discussion: There was a need to align our program with other Colorado EMT Schools. By aligning our course numbers, it will be more understandable to the industry as well as help students in the transfer process. This course will focus on knowledge and skills needed to provide appropriate emergency care and transportation of a patient who has suffered a traumatic injury. The concepts of kinematics and the biomechanics of trauma, along with pathophysiology and injury patterns, will provide the student with the ability to assess and manage the trauma patient.

Change Item Description	Old	New

New Proposal: No differences to report

EMTS 124: EMT Special Considerations	**2**	**Course Addition - Approved**	**Roberson	Stanfill**

CMU Tech CC Discussion: There was a need to align our program with other Colorado EMT Schools. By aligning our course numbers, it will be more understandable to the industry as well as help students in the transfer process. This course will focus on knowledge and skills required to modify the assessment, treatment, and transportation of special patient populations and patients in special circumstances and also provides an overview of incident command, mass casualty incidents, vehicle extrication, air medical support, hazardous materials, and terrorism.

Change Item Description	Old	New

New Proposal: No differences to report

EMTS 170: EMT Clinical	**1**	**Course Addition - Approved**	**Roberson	Stanfill**

CMU Tech CC Discussion: In order to be in compliance with the CCCS numbering system, changes needed to occur to the existing courses to better align with the state system, necessitating the changing of the course numbering and course titles. The additional two hours were needed to account for the clinical experiences that are necessary for the program, and for which students had not been receiving credit. The curriculum must be aligned with the State standardized curriculum for all EMT programs

across the state, which the changes will now allow. This will also ensure a more seamless transition for any student transferring between colleges/universities in the state in the EMT Program.

Change Item Description	Old	New
New Proposal: No differences to report		

MAMT 102: Machining Fundamentals	1	Course Modification - Approved	Roberson	Stanfill

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) Contact hours corrected to reflect hours required for a lab course.

Change Item Description	Old	New
Lab:	1.5	2
Total Contact Hours:	1.5	2

MAMT 105: Print Reading and Sketching	2	Course Modification - Approved	Roberson	Stanfill

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

MAMT 106: Geometric Tolerancing	2	Course Modification - Approved	Roberson	Stanfill

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) Added MAMT 105 as a prereq (can be taken concurrently) to ensure students had the basic knowledge needed to succeed in the course. The student needs to able to read and understand basic engineering drawings (MAMT 105) to comprehend the information in MAMT 106, which necessitates the prereq.

Change Item Description	Old	New
Prerequisites:		MAMT 105 (may be taken concurrently)

MAMT 115: Introduction to Machine Shop	3	Course Modification - Approved	Roberson	Stanfill

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) Instructional type and minutes changed to better reflect how course is taught. 3) Updated Catalog description to begin with a noun phrase, corrected punctuation errors, and removed contact hours from the description.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Course description for the catalog:	Safety procedures: using bench tools, layout tools, power saws, and taps;	Focus on safety procedures in machining, including: using bench tools, layout

sharpening general purpose drills, grinding lathe bits; and identifying and operating basic machines such as the bench grinder, drill press, band saw, and others. One hour lecture and three hours laboratory per week.		tools, power saws, and taps; sharpening general purpose drills; grinding lathe bits; and identifying and operating basic machines, such as the bench grinder, drill press, band saw, and others.	

MAMT 120: Machine Technology I	**4**	**Course Modification - Tabled**	**Roberson	Stanfill**

CMU Tech CC Discussion: Proposal tabled to get clarification on adding MAMT 115 as a prerequisite. Program 1128 does not require MAMT 115, so this may cause student's an issue when registering. This makes the certificate 15 credit hours as opposed to 12 credit hours and needs to be made clear to students who are in the program.

Change Item Description	**Old**	**New**

MAMT 125: Machine Technology II	**4**	**Course Modification - Tabled**	**Roberson	Stanfill**

CMU Tech CC Discussion: Proposal tabled to get clarification on adding MAMT 115 as a prerequisite. Program 1128 does not require MAMT 115, so this may cause student's an issue when registering. This makes the certificate 15 credit hours as opposed to 12 credit hours and needs to be made clear to students who are in the program.

Change Item Description	**Old**	**New**

MAMT 145: Machine Maintenance	**2**	**Course Modification - Approved**	**Roberson	Stanfill**

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) Permission of Instructor removed from prerequisite to align with Curriculum guidelines. 3) Instructional type and minutes changed to Mixed Instructional Method to better reflect how course is currently taught. 4) Updated Catalog description to begin with a noun phrase, corrected punctuation errors, and removed contact hours from the description.

Change Item Description	**Old**	**New**
Prerequisites:	Permission of instructor	
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Course description for the catalog:	Maintaining, lubricating, and repairing machinery including making gib adjustments, selecting and using proper lubricants and selecting or manufacturing parts of making repairs with emphasis on workmanship and inspection. One hour	Focus on maintaining, lubricating, and repairing machinery, including making gib adjustments, selecting and using proper lubricants, and selecting or manufacturing parts for making repairs, with emphasis on workmanship and inspection.

lecture, one and one-half
hours laboratory per week.

MAMT 170: Practical Applications	3	Course Modification - Approved	Roberson	Stanfill

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) Permission of instructor removed from prerequisite to align with Curriculum guidelines.

Change Item Description	Old	New
Prerequisites:	Permission of instructor	

MAMT 207: Introduction to Statistical Process Control	2	Course Modification - Approved	Roberson	Stanfill

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

MAMT 230: Machine Technology III	4	Course Modification - Tabled	Roberson	Stanfill

CMU Tech CC Discussion: Proposal tabled to get clarification on adding MAMT 115 as a prerequisite. Program 1128 does not require MAMT 115, so this may cause student's an issue when registering. This makes the certificate 15 credit hours as opposed to 12 credit hours and needs to be made clear to students who are in the program.

Change Item Description	Old	New

MAMT 260: Properties of Materials	3	Course Modification - Approved	Roberson	Stanfill

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

MOAP 110: Medical Office Administration	4	Course Modification - Approved	Roberson	Stelljes

CMU Tech CC Discussion: Condensing, updating, and rewording Student Learning Outcomes (SLOs) and course description to foster a more integrated understanding of core concepts and to align with competency-based trends, optimizing student learning. Course content did not change.

Change Item Description	Old	New

MOAP 111: Introduction to Medical Assisting	3	Course Modification - Approved	Roberson	Stelljes

CMU Tech CC Discussion: 1) Consolidating the current 19 SLOs into 3 fundamental SLOs to promote clearer objective and facilitates easier communication among stakeholders. 2) Updating course description for clarity. Content did not change.

Change Item Description	Old	New
Course description for the catalog:	Description and career opportunities. Professionalism and effective communication. Overview of health care, types of organizations and health care team. Legal considerations in the medical office, patient rights and the Health Information Portability and Accountability Act (HIPAA), and principles of law and ethics in health care.	Overview of the field of medical office assistant, including description and career opportunities. Professionalism and effective communication. Overview of health care, types of organizations, and health care team. Legal considerations in the medical office, patient rights, the Health Information Portability and Accountability Act (HIPAA), and principles of law and ethics in health care.

MOAP 130: Medical Office Administration Insurance Billing and Coding	3	Course Modification - Approved	Roberson | Stelljes

CMU Tech CC Discussion: Condensing, updating, and rewording Student Learning Outcomes (SLOs) to foster a more integrated understanding of core concepts and to align with competency-based trends, optimizing student learning.

Change Item Description	Old	New

MOAP 133: Basic Medical Sciences I	4	Course Modification - Approved	Roberson | Stelljes

CMU Tech CC Discussion: 1) The proposed changes align with MOAP 147 credit reduction and the addition of MOAP 148. SLOs and content on human disease were removed since that content is already covered in MOAP 147 and MOAP 148 and eliminates duplication that was occurring. 2) Course description changed to more accurately reflect current course content. 3) Condensing, updating, and rewording Student Learning Outcomes (SLOs) and topical course outline to foster a more integrated understanding of core concepts and to align with competency-based trends, optimizing student learning.

Change Item Description	Old	New

| Course description for the catalog: | Organization and function of the human body. Introductory anatomy, physiology, and pathophysiology of integumentary, musculoskeletal, cardiovascular, blood, lymphatic and immune, urinary, and respiratory systems. Health problems, illnesses, diagnostic tests, drug therapy, and treatment common in the ambulatory patient care setting. | Comprehensive survey of structural organization, including the normal functions of cardiovascular circulatory, digestive, and urinary systems, as well as comparisons of the structure and function of the human body across the lifespan. |

MOAP 135: Basic Medical Sciences II	4	Course Modification - Approved	Roberson | Stelljes

CMU Tech CC Discussion: 1) Course description changed to more accurately reflect current course content. 2) SLOs on human disease were removed since that content is already covered in MOAP 147 and MOAP 148 and eliminates duplication that was occurring. 3) Course topical outline changed to more accurately reflect current course content. 4)Prerequisite added since students should take MOAP 133 (BMS I) before MOAP 135 (BMS II) to ensure needed foundational knowledge. This is a correction that should have been in place and is now being addressed.

Change Item Description	Old	New
Course description for the catalog:	Organization and function of male and female reproductive systems, musculoskeletal system, and eyes, ears, nose, and throat. Implications in pediatrics, geriatrics, and nutrition are reviewed. Health problems, illnesses, diagnostic tests, drug therapy, and treatment common in the ambulatory patient care setting.	Exploration of the cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive systems, focusing on their organization and function within the human body.
Prerequisites:		MOAP 133

MOAP 136: Introduction to Clinical Skills	2	Course Modification - Approved	Roberson | Stelljes

CMU Tech CC Discussion: Condensing, updating, and rewording Student Learning Outcomes (SLOs) to foster a more integrated understanding of core concepts and to align with competency-based trends, optimizing student learning. Course content did not change.

Change Item Description	Old	New

MOAP 138: Medical Assisting Laboratory Skills	4	Course Modification - Approved	Roberson	Stelljes

CMU Tech CC Discussion: Condensing, updating, and rewording Student Learning Outcomes (SLOs) to foster a more integrated understanding of core concepts and to align with competency-based trends, optimizing student learning. Course content did not change.

Change Item Description	Old	New

MOAP 140: Medical Assisting Clinical Skills	4	Course Modification - Approved	Roberson	Stelljes

CMU Tech CC Discussion: Condensing, updating, and rewording Student Learning Outcomes (SLOs) to foster a more integrated understanding of core concepts and to align with competency-based trends, optimizing student learning. Course content did not change.

Change Item Description	Old	New

MOAP 147: Medical Terminology	1	Course Modification - Approved	Roberson	Stelljes

CMU Tech CC Discussion: The Kinesiology department has inquired about the potential to reduce the medical terminology course from 4 credits to 1-2 credits. Many health science programs typically require a 1-credit medical terminology class rather than 4 credits. Upon exploring other community colleges in CO, it was observed that the majority of medical terminology classes are within the range of 1-2 credits. Considering our existing 8-credit Basic Medical Science (AP) curriculum, I believe that 4 credits may be on the higher side for the MOA program. Adjusting the course to 1 credit could pave the way for the introduction of an "Intro to Health Diseases" course, offering several advantages: a. This adjustment would be advantageous for Kinesiology students, consequently supporting the MOA program and CMU Tech, given that Kinesiology students currently undertake our medical terminology class. b. MOA students would benefit from a dedicated disease-focused class, eliminating the need to divide their attention between medical terminology and BMS. c. Furthermore, prospective students who have previously delved into pathophysiology, whether due to a change in career plans or non-acceptance into a health science program, could potentially use that class as a substitution for Intro to Human Diseases. Updated and condensed SLOs and topical course outline to better reflect the decrease in credits from 1 to 4 credits.

Change Item Description	Old	New
Credit hours:	4	1
Lecture:	4	1
Total Contact Hours:	4	1
Academic engagement minutes per term:	3000	750
Student preparation minutes for a term:	6000	1500

MOAP 148: Introduction to Human Disease	3	Course Addition - Approved	Stelljes	Roberson

CMU Tech CC Discussion: The introduction of the "Introduction to Human Disease" course is pivotal for our curriculum, addressing the growing demand for foundational knowledge in health sciences. This course will provide a comprehensive overview of various diseases, their etiology, and impacts, fostering a holistic understanding essential for clinical preparedness. Importantly, the content of this course is currently distributed across various other courses, and consolidating it into a dedicated class streamlines the curriculum. MOAP 147 is being reduced to a 1-credit class to align with other programs

and institutions. The material that is being removed from that course is being used to generate this course.

Change Item Description	Old	New
New Proposal: No differences to report		

MOAP 150: Pharmacology for Medical Assistants	3	Course Modification - Approved	Roberson	Stelljes

CMU Tech CC Discussion: 1) Removing the MOAP 111 prerequisite, MOAP 111 does not prepare the student for MOAP 150 and is not needed. 2) Condensing, updating, and rewording Student Learning Outcomes (SLOs) and topical course outline to foster a more integrated understanding of core concepts and to align with competency-based trends, optimizing student learning. Course content did not change.

Change Item Description	Old	New
Prerequisites:	MOAP 111	

MOAP 183: Medical Assistant Internship	5	Course Modification - Approved	Roberson	Stelljes

CMU Tech CC Discussion: 1) Remove from the catalog description "positions are non-paid due to accreditation requirements." Medical Assistant program accreditors do allow for paid internships. 2) Condensing/updating student learning outcomes and topical course outline aims to enhance clarity, simplicity, and focus in line with evolving educational practices. This streamlined approach ensures efficient assessment, targeted professional development, and better aligns with current trends, ultimately preparing students for successful integration into their chosen fields. Content did not change.

Change Item Description	Old	New
Course description for the catalog:	Supervised placement in contracted facility for guided experience in application of knowledge and skills acquired in the classroom. Business and clinical procedures. Positions are non-paid due to accreditation requirements. Permission of program coordinator required to begin internship.	Supervised placement in contracted facility for guided experience in application of knowledge and skills acquired in the classroom. Business and clinical procedures. Permission of program coordinator required to begin internship.

MOAP 189: Review for Medical Assistant National Exam	1	Course Modification - Approved	Roberson	Stelljes

CMU Tech CC Discussion: Condensing, updating, and rewording Student Learning Outcomes (SLOs) and topical course outline to foster a more integrated understanding of core concepts and to align with competency-based trends, optimizing student learning. Course content did not change.

Change Item Description	Old	New

NURA 101: Nurse Aide Healthcare Skills	4	Course Modification - Approved	Roberson | Stelljes

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

NURA 170: Nurse Aide Clinical Experience	1	Course Modification - Approved	Roberson | Stelljes

CMU Tech CC Discussion: 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).

Change Item Description	Old	New

SURV 298: Internship/Capstone Project	4	Course Modification - Approved	Roberson | Stelljes

CMU Tech CC Discussion: 1) Replacing MATH 146 Calculus for Biological Sciences with MATH 131 Applied Calculus in the list of prerequisites. The Department of Math and Stats is inactivating MATH 146. MATH 131 covers the desired content and may be more appealing to students at 4 credits instead of 5. 2) SLOs modified to more accurately reflect course content.

Change Item Description	Old	New
Prerequisites:	SURV 100, SURV 102, SURV 200, SURV 203, SURV 204, SURV 205, SURV 206, SURV 207, STAT 200, MATH 130, and one of the following: MATH 141, MATH 121, MATH 135, MATH 146, or MATH 151	SURV 100, SURV 102, SURV 200, SURV 203, SURV 204, SURV 205, SURV 206, SURV 207, STAT 200, MATH 130, and one of the following: MATH 141, MATH 121, MATH 131, MATH 135, or MATH 151

TECI 132: Introduction to IT Hardware and System Software	3	Course Modification - Approved	Stelljes | Roberson

CMU Tech CC Discussion: 1) Changing the classification of instructional activity from Lecture to Mixed Instructional Method more accurately reflects the course activities students can expect to take place. 2) Academic engagement minutes, student prep minutes, term typically offered, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented).

Change Item Description	Old	New
Type of Instructional Activity:	Lecture	Mixed Instructional Method

TECI 180: Cisco Networking I	3	Course Modification - Approved	Stelljes | Roberson

CMU Tech CC Discussion: 1) Added information to CIM that was not transferred when CIM was implemented: semester class is offered, topical course outline, student learning outcomes, academic

engagement minutes and student preparation minutes. 2) Changed instructional method from Lab/Academic Clinical to Mixed Instructional Method to better align with course content. 3) Course description changed to meet Curriculum guidelines and reflect current course content.

Change Item Description	Old	New
Type of Instructional Activity:	Laboratory: Academic/Clinical	Mixed Instructional Method
Course description for the catalog:	The first of four semester courses in Cisco's Networking Academy curriculum. Concepts covered are: OSI model, internetworking devices, IP addressing, LAN media and topologies, structured cabling, electronics. CCNA certified individual can perform the following tasks: -Install and configure Cisco Switches and routers in multi-protocol internetworks using LAN and WAN interfaces. -Provide Level 1 troubleshooting service -Improve network performance and security-Perform entry-level tasks in the planning, design, installation, operation, and troubleshooting of Ethernet and TCP/IP networks.	Foundation for the Cisco Certified Network Associate (CCNA) certification. Introduces the architecture, structure, functions, components, and models of the internet and other computer networks. Includes principles and structure of Internet Protocol (IP) addressing and the fundamentals of ethernet concepts, media, and operations. This is the first of three semester-long courses at Cisco NetAcad when pursuing the CCNA.

TECI 270: Cisco Cybersecurity Operations Fundamentals (CBROPS)	**4**	**Course Modification - Approved**	**Stelljes	Roberson**

CMU Tech CC Discussion: Change terms course is offered to accurately reflect when a course is taught.

Change Item Description	Old	New
Please indicate the semester(s) in which the course will typically be offered:	Fall/Spring	Spring

UASP 101: UAS Pilot Ground School	**3**	**Course Modification - Approved**	**Roberson	Stanfill**

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Course description changes were made to reflect the current course offering. 3) Changing this courses instructional activity to lecture will better reflect the current course offering. 3) Student demand currently dictates offering the course once per academic year, so Spring and Summer were removed from semesters offered.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Lecture
Course description for the catalog:	Exploration of Unmanned Aircraft Systems (UAS). Includes history and terminology, all aspects of legal compliance, and what UAS can do. Includes programming and flying indoor UAS.	Exploration of Unmanned Aircraft Systems (UAS). Includes history and terminology, all aspects of legal compliance (both recreational and commercial), and what UAS can do.
Please indicate the semester(s) in which the course will typically be offered:	Fall/Spring/Summer	Fall

UASP 110: UAS Pilot License Preparation	1	Course Modification - Approved	Roberson | Stanfill

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Credits changed from 3 to 1 - after running this class now the students and instructors have agreed that material way beyond the scope of this class must be covered in order to fulfill the time requirements. Even in the original course description it lists navigation as a special emphasis. The FAA exam does not require navigation for the certificate. UAS instructors, our students and our advisory committee has discussed this course. It is unanimously agreed that 3 credits is overkill for this FAA exam. We had one student drop the class because, "I can just study on my own and then take the test. I don't have to bother wasting time writing essays." These changes will allow for more students to enroll, while still producing a quality course. The change from Lecture/lab to lecture not only reduces the time requirements as well, but there really is no need for any lab portion of this. The focus of the class is to pass the written exam. 3) Course description changes were made to reflect the current course offering. 4) Course went from lecture lab to lecture to reflect how course is currently taught since it is now only a one hour course. 5) Student demand currently dictates offering the course once per academic year, so Spring and Summer were removed from semesters offered.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Lecture
Course description for the catalog (do not list pre-reqs, co-reqs, and terms typically offered):	Detailed study of requirements for UAS Pilot License. All topics on the FAA Remote Pilot - Small Unmanned Aircraft Systems Knowledge Test are covered in-depth. Special emphasis on chart reading and navigation.	Preparation for the FAA Commercial UAS Pilot License. All topics on the FAA Remote Pilot - Small Unmanned Aircraft Systems Knowledge Test are covered.
Credit hours:	3	1
Please indicate the semester(s) in which the course will typically be offered:	Fall/Spring/Summer	Fall

UASP 120: UAS Pilot Operations and Applications	1	Course Modification - Approved	Roberson	Stanfill

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Credits changed from 3 to 1 - after running this class now the students and instructors have agreed that material way beyond the scope of this class must be covered in order to fulfill the time requirements. Even in the original course description it lists navigation as a special emphasis. The FAA exam does not require navigation for the certificate. UAS instructors, our students and our advisory committee has discussed this course. It is unanimously agreed that 3 credits is overkill for this FAA exam. We had one student drop the class because, "I can just study on my own and then take the test. I don't have to bother wasting time writing essays." These changes will allow for more students to enroll, while still producing a quality course. The change from Lecture/lab to lecture not only reduces the time requirements as well, but there really is no need for any lab portion of this. The focus of the class is to pass the written exam. 3) Student demand currently dictates offering the course once per academic year, so Spring and Summer were removed from semesters offered.

Change Item Description	Old	New
Credit hours:	3	1
Please indicate the semester(s) in which the course will typically be offered:	Fall/Spring/Summer	Fall

VETT 106: Exotic Animal Handling	2	Course Modification - Approved	Ferreira-Lillo	Roberson

CMU Tech CC Discussion: 1.) Academic engagement minutes, student preparation minutes, 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) Co-requisites have been deleted (VETT 115, VETT 206/206L, VETT 223, VETT 224, VETT 241, and VETT 281) as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 4) Pre-requisites have been edited to remove VETT 280 and add VETT 116 to include more relevant prerequisites that provide a basis for understanding the content of this course.

Change Item Description	Old	New
Prerequisites:	VETT 280	VETT 116
Corequisites:	VETT 115, VETT 206/VETT 206L, VETT 223, VETT 224, VETT 241, and VETT 281	
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method

VETT 108: Introduction to Laboratory Procedures	3	Course Modification - Approved	Ferreira-Lillo	Roberson

CMU Tech CC Discussion: 1) Minor changes to course topical outline and SLOS to better reflect course content. 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) Co-requirements VETT 102, VETT 109, VETT 116, VETT 120 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 4) Pre-requisite changed to entry into the program, which will assist in providing flexibility to students and still maintain the quality and the rigor of the content.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Corequisites:	VETT 102, VETT 109, VETT 116 and VETT 120	
Prerequisites:		Admission to the Veterinary Technology program

VETT 115: Surgical Nursing for Veterinary Technicians	**2**	**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) 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) Co-requirements VETT 106, VETT 206/206L, VETT 223, VETT 224, VETT 241, VETT 281 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 4) Pre-requirements have been edited to remove VETT 208 and Add VETT 116 to include a more relevant prerequisite that provide a basis for understanding the content of this course.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Prerequisites:	VETT 280	VETT 116
Corequisites:	VETT 106, VETT 206/VETT 206L, VETT 223, VETT 224, VETT 241, and VETT 281	

VETT 116: Humane Treatment and Handling of Animals	**3**	**Course Modification - Approved**	**Ferreira-Lillo	Roberson**

CMU Tech CC Discussion: 1) Topical course outline and SLOs modified to more accurately reflect course content. 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) Co-requisite VETT 108 has been deleted as it is not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 4) Pre-requisite has been changed to admission to the program to ensure only Vet Tech students are enrolled.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Prerequisites:		Admission to the Veterinary Technology program
Corequisites:	VETT 108	

VETT 134: Diagnostic Imaging	**2**	**Course Modification - Approved**	**Ferreira-Lillo | Roberson**

CMU Tech CC Discussion: 1) Course topical outline and SLOs minor edits to align with Curriculum guidelines. 2) Changing the classification of instructional activity from Lecture/Lab: Vocational/Technical to Lecture more accurately reflects the course activities students can expect to take place. 3) Co-requisites VETT 172, and VETT 205/205L have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 4) Pre-requisites VETT 108, VETT 109, VETT 120 have been removed to include more relevant prerequisites that provide a basis for understanding the content of this course.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Lecture
Prerequisites:	VETT 102, VETT 108, VETT 109, VETT 116, and VETT 120	VETT 102 and VETT 116
Corequisites:	VETT 172, VETT 205/VETT 205L, and VETT 280	VETT 280

VETT 172: First Year Clinical Basics	**2**	**Course Modification - Approved**	**Ferreira-Lillo | Roberson**

CMU Tech CC Discussion: 1) Co-requisites VETT 134, VETT 205/205L, and VETT 280 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program as part time or have transferred from a different program. This increases accessibility for non-traditional students. 2) Pre-requisites VETT 102 and VETT 108 have been removed because the remaining prerequisites of VETT 109, VETT 116 and VETT120 are more relevant pre-requisites that provide a basis for understanding the content of this course. 3) Course topical outline changed to align with Curriculum guidelines.

Change Item Description	Old	New
Prerequisites:	VETT 102, VETT 108, VETT 109, VETT 116, and VETT 120	VETT 109, VETT 116, and VETT 120
Corequisites:	VETT 134, VETT 205/VETT 205L, and VETT 280	

VETT 205: Veterinary Anatomy and Physiology I	3	Course Modification - Approved	Ferreira-Lillo | Roberson

CMU Tech CC Discussion: 1) Added VETT 205L as a corequisite because the two courses contain closely related material. 2) Co-requisites VETT134, VETT 175 and VETT 280 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program as part-time or have transferred from a different program. This increases accessibility for non-traditional students. 3) Pre-requisites VETT 108, VETT 109, and VETT 120 have been removed because the remaining prerequisites of VETT 102 and VETT 116 provide a better basis for understanding the content of this course and reduced to the only two courses truly needed. 4) Edited SLO's and Course Outline to meet style and grammar guidelines.

Change Item Description	Old	New
Prerequisites:	VETT 102, VETT 108, VETT 109, VETT 116, and VETT 120	VETT 102 and VETT 116
Corequisites:	VETT 134, VETT 172, VETT 205L, and VETT 280	VETT 205L

VETT 205L: Veterinary Anatomy and Physiology I Laboratory	1	Course Modification - Approved	Ferreira-Lillo | Roberson

CMU Tech CC Discussion: 1) Added VETT 205 as a corequisite because the lecture and lab courses are closely related material. 2) Co-requisites VETT 134, VETT 172, and VETT 280 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 3) Pre-requisites VETT 108, VETT 109, and VETT 120 have been removed because the remaining prerequisites of VETT 102 and VETT 116 provide a better basis for understanding the content of this course and reduced to the only two courses truly needed. 4) Edited SLO's and Course Outline to meet style and grammar guidelines.

Change Item Description	Old	New
Prerequisites:	VETT 102, VETT 108, VETT 109, VETT 116, and VETT 120	VETT 102 and VETT 116
Corequisites:	VETT 134, VETT 172, VETT 205, and VETT 280	VETT 205

VETT 206: Veterinary Anatomy and Physiology II	3	Course Modification - Approved	Ferreira-Lillo | Roberson

CMU Tech CC Discussion: 1) Co-requisites VETT 106, VETT 115, VETT 223, VETT 224, VETT 241, and VETT 281 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 2) Pre-requisites have been edited to remove VETT 280 and add VETT 205/205L to include more relevant prerequisites that provide a basis for understanding the content of this course. 3) Edited SLO's and Course Outline to meet style and grammar guidelines.

Change Item Description	Old	New
Prerequisites:	VETT 280	VETT 205/VETT 205L

| Corequisites: | VETT 106, VETT 115, VETT 206L, VETT 223, VETT 224, VETT 241, and VETT 281 | VETT 206L |

| **VETT 206L: Veterinary Anatomy and Physiology II Laboratory** | **1** | **Course Modification - Approved** | **Ferreira-Lillo | Roberson** |

CMU Tech CC Discussion: 1) Co-requisites VETT 115, VETT 206, VETT 223, VETT 224, VETT 241, and VETT 281 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 2) Pre-requisites have been edited to remove VETT 280 and add VETT 205/205L to include more relevant prerequisites that provide a basis for understanding the content of this course. 3) SLOs have been changed to clearly designate the application that will occur during this lab course.

Change Item Description	Old	New
Prerequisites:	VETT 280	VETT 205/VETT 205L
Corequisites:	VETT 106, VETT 115, VETT 206, VETT 223, VETT 224, VETT 241, and VETT 281	VETT 206

| **VETT 223: Introduction to Anesthesia** | **1** | **Course Modification - Approved** | **Ferreira-Lillo | Roberson** |

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Co-requisites VETT 106, VETT 115, VETT 206/206L, VETT 241, and VETT 281 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 3) Pre-requisites have been edited to remove VETT 280 and add VETT 108 to include a more relevant prerequisites that provide a basis for understanding the content of this course.

Change Item Description	Old	New
Prerequisites:	VETT 280	VETT 108
Corequisites:	VETT 106, VETT 115, VETT 206/VETT 206L, VETT 224, VETT 241, and VETT 281	VETT 224

| **VETT 224: Pharmacology for Veterinary Technicians** | **3** | **Course Modification - Approved** | **Ferreira-Lillo | Roberson** |

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, 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) Co-requisites VETT 106, VETT 115, VETT 206/206L, VETT 241, VETT 281 have been deleted as they are not needed for successful completion of this course and

in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 4) Pre-requisites have been edited to remove VETT 280 and add VETT 205 to include a more relevant prerequisites that provide a basis for understanding the content of this course.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Prerequisites:	VETT 280	VETT 205
Corequisites:	VETT 106, VETT 115, VETT 206/VETT 206L, VETT 223, VETT 241, and VETT 281	VETT 223

VETT 225: Anesthesiology 3	Course Modification - Approved	Ferreira-Lillo	Roberson

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, 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) Co-requisites have been changed to only VETT 238 as the rest VETT 227, VETT 232, VETT 239, VETT 242, VETT 250, and VETT 275 were removed as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 4) Pre-requisites have been edited to remove VETT 109 and VETT 281 and replaced with VETT 223 and VETT 224 to include a more relevant prerequisites that provide a basis for understanding the content of this course.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Prerequisites:	VETT 109 and VETT 281	VETT 223 and VETT 224
Corequisites:	VETT 227, VETT 232, VETT 238, VETT 239, VETT 242, VETT 250, and VETT 275	VETT 238

VETT 227: Animal Nutrition 2	Course Modification - Approved	Ferreira-Lillo	Roberson

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Co-requisites VETT 225, VETT 232, VETT 238, VETT 239, VETT 242, VETT 250, VETT 275 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 3) Pre-requisite has been edited to remove VETT 109 and VETT 281 and replace it with VETT 205 to include a more relevant prerequisite that provide the basis for understanding the content of this course.

Change Item Description	Old	New
Prerequisites:	VETT 109 and VETT 281	VETT 205

Corequisites:		VETT 225, VETT 232, VETT 238, VETT 239, VETT 242, VETT 250, and VETT 275	

VETT 232: Veterinary Dentistry	**1**	**Course Modification - Approved**	**Ferreira-Lillo	Roberson**

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Co-requisites VETT 225, VETT 227, VETT 238, VETT 239, VETT 242, VETT 250, VETT 275 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 3) Pre-requisites have been changed to remove VETT 109 and VETT 281 and replace with VETT 134 and VETT 180 because they are more relevant prerequisites and provide a basis for understanding the content of this course.

Change Item Description	Old	New
Prerequisites:	VETT 109 and VETT 281	VETT 134 and VETT 280
Corequisites:	VETT 225, VETT 227, VETT 238, VETT 239, VETT 242, VETT 250, and VETT 275	

VETT 238: Small Animal Nursing	**2**	**Course Modification - Approved**	**Ferreira-Lillo	Roberson**

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, 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) Co-requisites VETT 227, VETT 232, VETT 239, VETT 242, VETT 250, and VETT 275 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 4) Pre-requisites have been changed to remove VETT 109 and VETT 281 and add VETT 206 and VETT 223 as these courses are more relevant prerequisites that provide a basis for understanding the content of this course.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Prerequisites:	VETT 109 and VETT 281	VETT 206 and VETT 223
Corequisites:	VETT 225, VETT 227, VETT 232, VETT 239, VETT 242, VETT 250, and VETT 275	VETT 225

VETT 239: Large Animal Nursing	**3**	**Course Modification - Approved**	**Ferreira-Lillo	Roberson**

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, 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) Co-requisites VETT 227, VETT 232, VETT 239, VETT 242, VETT 250, and VETT 275 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 4) Pre-requisites have been changed to remove VETT 109 and VETT 223 and add VETT 206 and VETT 223 as these courses are more relevant prerequisites that provide a basis for understanding the content of this course.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Prerequisites:	VETT 109 and VETT 281	VETT 206 and VETT 223
Corequisites:	VETT 225, VETT 227, VETT 232, VETT 239, VETT 242, VETT 250, and VETT 275	VETT 225

VETT 241: Clinical Laboratory Procedures	4	Course Modification - Approved	Ferreira-Lillo	Roberson

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, 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) Co-requisites VETT 106, VETT 115, VETT 206/206L, VETT 223, VETT 224, and VETT 281 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 4) Pre-requisite has been edited to remove VETT 280 and replace it with VETT 108 which is the more relevant prerequisite and provide a basis for understanding the content of this course.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Prerequisites:	VETT 280	VETT 108
Corequisites:	VETT 106, VETT 115, VETT 206/VETT 206L, VETT 223, VETT 224, and VETT 281	

VETT 242: Veterinary Critical Care	2	Course Modification - Approved	Ferreira-Lillo	Roberson

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, 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) Co-requisites VETT 225, VETT 227, VETT 232, VETT 238, VETT 239, VETT 250, VETT 275 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or

have transferred from a different program. This increases accessibility for non-traditional students. 4) Pre-requisites have been edited to remove VETT 109 and VBETT 281 and replace with VETRT 206, VETT 223, and VETT 224 to include more relevant prerequisites that provide a basis for understanding the content of this course.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Prerequisites:	VETT 109 and VETT 281	VETT 206, VETT 223, and VETT 224
Corequisites:	VETT 225, VETT 227, VETT 232, VETT 238, VETT 239, VETT 250, and VETT 275	

VETT 243: Veterinary Diagnostic Microbiology	3	Course Modification - Approved	Ferreira-Lillo | Roberson

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, 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) Co-requisites VETT 282 and VETT 285 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 4) Pre-requisites have been changed to remove VETT 275 and replace with VETT 224 and VETT 241 to include more relevant prerequisites that provide a basis for understanding the content of this course.

Change Item Description	Old	New
Type of Instructional Activity:	Lecture/Lab: Vocational/Tech	Mixed Instructional Method
Prerequisites:	VETT 275	VETT 224 and VETT 241
Corequisites:	VETT 282 and VETT 285	

VETT 250: Clinical Competency Evaluation	1	Course Modification - Approved	Ferreira-Lillo | Roberson

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Co-requisites VETT 225, VETT 227, VETT 232, VETT 238, VETT 239, VETT 242, VETT 275 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 3) Pre-requisite has been changed to remove VETT 109 and keep VETT 281 as it is a more relevant prerequisite that provides a basis for understanding the content of this course.

Change Item Description	Old	New
Prerequisites:	VETT 109 and VETT 281	VETT 281

| Corequisites: | | VETT 225, VETT 227, VETT 232, VETT 238, VETT 239, VETT 242, and VETT 275 |

VETT 275: Specialty Rotation	2	Course Modification - Approved	Ferreira-Lillo | Roberson

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Co-requisites VETT 225, VETT 227, VETT 232, VETT 238, VETT 239, VETT 242, VETT 250 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 3) Pre-requisite has been changed to remove VETT 109 and keep VETT 281 as it is a more relevant prerequisite that provides a basis for understanding the content of this course.

Change Item Description	Old	New
Prerequisites:	VETT 109 and VETT 281	VETT 281
Corequisites:	VETT 225, VETT 227, VETT 232, VETT 238, VETT 239, VETT 242, and VETT 250	

VETT 280: Diagnostic Imaging Clinical	1	Course Modification - Approved	Ferreira-Lillo | Roberson

CMU Tech CC Discussion: 1) Topical course outline changed to align with Curriculum guidelines. 2) Co-requisites VETT 172, VETT 205/205L have been deleted, and VETT 134 was kept, as the rest are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 3) Pre-requisites have been changed to remove VETT 108, VETT 109, and VETT 120 and keeping VETT 102 and VETT 116 since these two courses are the relevant prerequisites that provide a basis for understanding the content of this course.

Change Item Description	Old	New
Prerequisites:	VETT 102, VETT 108, VETT 109, VETT 116, and VETT 120	VETT 102 and VETT 116
Corequisites:	VETT 134, VETT 172, and VETT 205/VETT 205L	VETT 134

VETT 281: Clinical I	2	Course Modification - Approved	Ferreira-Lillo | Roberson

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Co-requisites VETT 106, VETT 115, VETT 206/206L, VETT 223, VETT 224, and VETT 241 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 3) Pre-requisite has been changed to remove VETT 280 and add VETT 172 since this course is a more relevant prerequisite that provides a basis for understanding the content of this course.

Change Item Description	Old	New
Prerequisites:	VETT 280	VETT 172
Corequisites:	VETT 106, VETT 115, VETT 206/VETT 206L, VETT 223, VETT 224, and VETT 241	

VETT 282: Clinical II	3	Course Modification - Approved	Ferreira-Lillo | Roberson

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Co-requisites VETT 243 and VETT 285 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students.

Change Item Description	Old	New
Corequisites:	VETT 243 and VETT 285	

VETT 285: Veterinary Technician Exam Prep	1	Course Modification - Approved	Ferreira-Lillo | Roberson

CMU Tech CC Discussion: 1) Academic engagement minutes, student preparation minutes, topical course outline, and student learning outcomes were filled in (info was not transferred when CIM was implemented). 2) Co-requisites VETT 243 and VETT 282 have been deleted as they are not needed for successful completion of this course and in doing so remove obstacles for students who plan to do the program part-time or have transferred from a different program. This increases accessibility for non-traditional students. 3) Pre-requisites VETT 275 was removed and VETT 250 was added as it is a more relevant prerequisite that provides a basis for understanding the content of this course.

Change Item Description	Old	New
Prerequisites:	VETT 275	VETT 250
Corequisites:	VETT 243 and VETT 282	