



**CMU Tech Curriculum Committee  
Meeting Minutes  
March 11, 2025  
Kayenta Hall 150**

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

**Members Absent:** Karrie Stanfill and Olga Grisak

**Ex-officio members present:** Carrie Moore, Janel Davis, Maggie Bodyfelt, John Stewart, and Tracie Seurer

**Recording Secretary:** Lisa Bessette

Chair Smith called the meeting to order at 3:32 pm.

**I. Announcements**

A. None.

**II. Ex-Officio Reports**

- A. Associate Vice President of Academic Affairs for Assessment and Accreditation
  - i. No update.
- B. Registrar's Office
  - i. Courses that were approved last term are being processed by the Registrar's Office, so they are ready when registration opens.
- C. Financial Aid Associate Director Stewart
  - i. No update.
- D. Librarian Seurer
  - i. No update.
- E. Catalog Description Reviewer Varner
  - i. No update.
- F. Essential Learning Scott Andrews
  - i. No update.

**III. Old Business**

- A. Discussion on shredding stale proposals: except for the AAS and certificates for FILM, all proposals that were edited but never submitted to CIM will be shredded. A copy will be saved to a Word document if the edits were made within this academic year.

**IV. Curriculum Proposals**

- A. Curriculum proposals begin on page 3.



**V. Information Items**

A. None.

**VI. New Business**

A. Chair Smith opened discussion for the election of committee officers for academic year 2025-2026. The election of Chair and Vice Chair will occur at the next curriculum meeting, April 8.

Ferreira-Lillo motioned to adjourn and with no objections from the committee, Chair Smith adjourned the meeting at 3:55 pm.



## CMU Tech CC Proposals March 11, 2025

### Effective Term - Summer 2025

### Programs

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

Program	Degree	Committee Action	Motion   Second
<b>1334: Land Surveying and Geomatics</b>	<b>AAS</b>	<b>Program Modification - Tabled</b>	<b>Stelljes   Roberson</b>

**CMU Tech CC Discussion:** MATH 114 will become a GTPathways course, but we are still waiting to hear if the math department will pursue MATH 130 as an Essential Learning course.

**Change Item Description**                      **Department Justification**

<b>: Dental Hygiene</b>	<b>AAS</b>	<b>Program Addition - Approved</b>	<b>Roberson   Stelljes</b>
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**CMU Tech CC Discussion:** Dental hygienist shortages are becoming a growing concern in many parts of the world. A shortage of dental hygienists can lead to longer wait times for appointments, increased costs for patients, and decreased access to care for those who need it most. Mesa County is now under a dental hygienist crisis. Dental practices have sent in many letters of support and extended their own practices as places that can be used to help the program be successful. A market analysis is available for review.

**Change Item Description**                      **Department Justification**

New Proposal: No differences to report

<b>: Transportation Services: Hybrid Vehicle Technician</b>	<b>TCT</b>	<b>Program Addition - Approved</b>	<b>Stelljes   Roberson</b>
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**CMU Tech CC Discussion:** Transportation services' advisory board members have expressed a desire for short-term training options for the hybrid engine skillset. This program also starts a foundation to build toward education of fully electric vehicles, a legislative issue at both the state (HB19-1198) and federal level (Public Law 95-91 and 15 U.S. Code 638). There are no new courses being added for this certificate, so there is overlap. It is, however, streamlined to provide adequate understanding of requirements of hybrid engines and systems. It is a good option for returning learners who want to upskill within their current career.

**Change Item Description**                      **Department Justification**

New Proposal: No differences to report

**Effective Term - Summer 2025**
**Courses**

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

<b>Title</b>	<b>Credits</b>	<b>Committee Action</b>	<b>Motion   Second</b>
<b>DEHY 100: Introduction to Dental Hygiene</b>	<b>1</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course serves as the foundational course for the Dental Hygiene program. Basic terminology, recognition of dental hygiene equipment, and HIPPA are covered. Students will leave the course with a basic overview of the program. This course meets specific CODA (Commission on Dental Accreditation) requirements.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			
<b>DEHY 101: Preclinical Dental Hygiene</b>	<b>2</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course introduces basic dental hygiene theory, instrumentation, and patient care assessment. Students will leave the course with a basic overview of the program. This course meets specific CODA (Commission on Dental Accreditation) requirements.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			
<b>DEHY 101L: Preclinical Dental Hygiene Laboratory</b>	<b>3</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course is an introduction to dental hygiene fundamental procedures and techniques to include instrumentation, infection control, and patient assessment. The course also provides a variety of clinical learning experiences to develop basic skills and knowledge for entry into the dental hygiene profession. This course meets specific CODA (Commission on Dental Accreditation) requirements.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			
<b>DEHY 102: Dental Anatomy and Histology</b>	<b>3</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course covers the general anatomy of the face, including landmarks, terminology, and tooth identification, with emphasis on the teeth's anatomical and histologic features and oral cavity structures. Embryology of the face, oral and nasal cavities, and tooth development are also introduced. This course meets specific CODA (Commission on Dental Accreditation) requirements.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			
<b>DEHY 103: Dental Radiology</b>	<b>3</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course is the introduction to the principles of x-radiation production and safety factors; application and theory of properly exposing, processing, mounting and evaluating radiographs; and identification of normal anatomic landmarks and pathologic conditions. It also			

focuses on the utilization of the laboratory in performing procedures necessary to produce quality radiograph. This course meets specific CODA (Commission on Dental Accreditation) requirements.

**Change Item Description**

**Old**

**New**

New Proposal: No differences to report

**DEHY 104: Dental Medical Emergencies**

**2**

**Course Addition - Approved**

**Stelljes | Roberson**

**CMU Tech CC Discussion:** This course provides an introduction to the management of emergency situations with an emphasis on prevention and identification that can occur in the dental office or during dental treatment. It also provides emergency management as dictated by state dental practice law and includes content and use of emergency kits, oxygen support systems, use of ASA classification to evaluate risk, and emergency management simulations. This course meets specific CODA (Commission on Dental Accreditation) requirements.

**Change Item Description**

**Old**

**New**

New Proposal: No differences to report

**DEHY 105: Periodontics I**

**2**

**Course Addition - Approved**

**Stelljes | Roberson**

**CMU Tech CC Discussion:** This course provides an introduction to the principles of periodontics with a focus on the recognition of tissues in health and disease, macro and microanatomy of the periodontium, and histopathology of periodontal diseases and other related gingival conditions. It also explains the theory and discussion of periodontal assessment, etiology, epidemiology, inflammatory process/immune response, and the American Academy of Pediatrics (AAP) Periodontal Disease Classification System. This course meets specific CODA (Commission on Dental Accreditation) requirements.

**Change Item Description**

**Old**

**New**

New Proposal: No differences to report

**DEHY 106: Head and Neck Anatomy**

**1**

**Course Addition - Approved**

**Stelljes | Roberson**

**CMU Tech CC Discussion:** This course analyzes the anatomy and function of the head and neck with emphasis on the muscles of mastication and facial expression, bones of the head and neck, the temporomandibular joint, lymphatics, glandular system, vascular supply, nervous system, and the oral cavity. This course meets specific CODA (Commission on Dental Accreditation) requirements.

**Change Item Description**

**Old**

**New**

New Proposal: No differences to report

**DEHY 107: Dental Materials**

**2**

**Course Addition - Approved**

**Stelljes | Roberson**

**CMU Tech CC Discussion:** This course will cover the science of dental materials, including their use, function, physical properties, chemistry, and clinical applications in dentistry, examined through didactic and laboratory experiences. This course meets specific CODA (Commission on Dental Accreditation) requirements.

**Change Item Description**

**Old**

**New**

New Proposal: No differences to report

<b>DEHY 108: Applied Nutrition in Dentistry</b>	<b>2</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course will focus on the development of foundational knowledge in general nutrition, including nutrient functions, sources, and their effects on the body, with a focus on the oral cavity, is emphasized. The integration of physiological and behavioral concepts through dietary assessment and nutritional intervention in dental hygiene care will also be covered. This course meets specific CODA (Commission on Dental Accreditation) requirements.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			
<b>DEHY 109: Clinical Theory of Dental Hygiene I</b>	<b>2</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course meets specific CODA (Commission on Dental Accreditation) requirements and prepare students with the knowledge and application of clinical dental hygiene principles, including patient assessment, infection control, and preventive care. Students will learn to apply theoretical concepts to clinical procedures, develop individualized treatment plans, and practice ethical, patient-centered care. The course prepares students to integrate evidence-based practices and professional standards into clinical settings.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			
<b>DEHY 109L: Clinical Practice of Dental Hygiene I</b>	<b>4</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course creates the direct clinical experience for the student dental hygienist by providing an opportunity to treat a variety of patients utilizing assessment, instrumentation, and additional preventative clinical procedures. This course meets specific CODA (Commission on Dental Accreditation) requirements.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			
<b>DEHY 200: Pain and Anxiety Management</b>	<b>2</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course provide a working knowledge of the theory and practice of local anesthesia in dentistry and dental hygiene, with an emphasis on mastering the armamentarium and techniques of regional anesthesia. The course also covers the necessary knowledge and skills for proficient and safe administration of local anesthetics, as well as the equipment and methods used for nitrous oxide/oxygen sedation in the dental office. This course meets specific CODA (Commission on Dental Accreditation) requirements.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			
<b>DEHY 201: General and Oral Pathology</b>	<b>3</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> The fundamentals of general pathology and the disease process are presented in this course with an emphasis on oral pathology and the recognition and identification of			

common pathologic conditions in the oral cavity. The course helps students identify appropriate referral mechanisms for a definitive diagnosis and meets specific CODA (Commission on Dental Accreditation) requirements.

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

<b>DEHY 202: Clinical Practice of Dental Hygiene I-A</b>	<b>2</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
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**CMU Tech CC Discussion:** This course provides patient care opportunities for the performance of dental hygiene treatment, which will be provided to both periodontally-compromised and healthy patients utilizing advanced instrumentation and power scaling. This course meets specific CODA (Commission on Dental Accreditation) requirements.

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

<b>DEHY 203: Applied Dental Pharmacology</b>	<b>2</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
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**CMU Tech CC Discussion:** This course is an examination of general pharmacology and relevant drugs that may influence the management of dental hygiene patients. Completion of the course enables students to perform safe and effective patient evaluations for dental hygiene treatment. This course meets specific CODA (Commission on Dental Accreditation) requirements.

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

<b>DEHY 204: Periodontics II</b>	<b>2</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
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**CMU Tech CC Discussion:** This course will center on the continued exploration of theoretical and clinical preparations of the dental hygiene process of care, treatment planning, non-surgical treatment, evaluation of treatment, and maintenance needs. Research and decision-making skills will be developed related to risk factors, etiologic agents, and treatment modalities and will include comprehensive periodontal assessment, supplemental diagnostics, periodontal pharmacology, and evidence-based treatment planning.

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

<b>DEHY 205: Advanced Clinical Skills</b>	<b>1</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
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**CMU Tech CC Discussion:** This course focuses on dental hygiene theory and laboratory experiences with major topics related to advanced clinical skills, including advanced instrumentation fulcrums, root morphology, periodontal files, periodontal file sharpening, mini curettes, after five curettes, nabors probe, universal focus spray ultrasonics, and scaling implants. This course meets specific CODA (Commission on Dental Accreditation) requirements.

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

<b>DEHY 206: Periodontics III</b>	<b>1</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course focuses on the comprehensive dental hygiene clinical management techniques for periodontal patients supported by application of basic clinical research sciences and on the therapy component of periodontics covering the general principles of periodontal surgery, the surgical management of soft tissues and osseous defects, wound healing, implants, and the role of occlusion in periodontal therapy. This course meets specific CODA (Commission on Dental Accreditation) requirements.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			

<b>DEHY 207: Ethics and Practice Management</b>	<b>2</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course meets specific CODA (Commission on Dental Accreditation) requirements.			
Students need ethics to ensure professionalism, integrity, and accountability in their practice. Ethical principles guide them in making informed decisions, respecting patient rights, and maintaining confidentiality. Ethics and practice management helps build trust with patients and colleagues while ensuring compliance with legal and moral standards.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			

<b>DEHY 208: Clinical Theory of Dental Hygiene II</b>	<b>2</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course serves as the transition from an educational environment to a working dental business, enabling students to learn management skills for operating a dental office. The course emphasizes self-exploration in the development of personal and professional goals, and examines professional ethics, legal issues, and their relationship to the licensed practice of dental hygiene. This course meets specific CODA (Commission on Dental Accreditation) requirements.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			

<b>DEHY 208L: Clinical Practice of Dental Hygiene II</b>	<b>6</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course covers patient care sessions for the performance of traditional dental hygiene treatment. The course continues and expands periodontal patient care and special patient care sessions and focuses on clinical competence in margination and polishing of restorations, nutrition counseling, oral irrigation, chemotherapeutics and OSHA compliance. This course meets specific CODA (Commission on Dental Accreditation) requirements.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			



<b>DEHY 209: Community Dental Health and Field Experience</b>	<b>3</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course focuses on the development of knowledge in the concepts, methods, and social determinants of health related to improving oral health in the community. Emphasis is placed on evidence-based strategies for the development of oral health promotion, oral disease prevention, and oral health management programs and incorporates supervised field experiences in low-income, school, and other public facilities as well as private health and education-oriented organizations. This course meets specific CODA (Commission on Dental Accreditation) requirements.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			
<b>DEHY 210: Clinical Theory of Dental Hygiene III</b>	<b>2</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course serves as the capstone course of the final semester of a two-year curriculum and prepares the student for two major goals: basic competence for transition to provision of dental hygiene services in private practice; and the ability to successfully pass both written National Boards examinations and regional dental hygiene clinical examinations. The course emphasizes the application of case-based learning. Major topics include cosmetic bleaching, air-powered polishing devices, application of the re-evaluation process in treatment planning for periodontally involved cases, preparation for the CRDTS regional clinical exam process, application of an effective tobacco cessation process, technique and process for gingival curettage, technique and process for amalgam polishing and margination, care of cosmetic dental restorations, and maintenance of implants. This course meets specific CODA (Commission on Dental Accreditation) requirements.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			
<b>DEHY 210L: Clinical Practice of Dental Hygiene III</b>	<b>6</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course focuses on the continuation of patient care sessions emphasizes achieving competency and efficiency for success in clinical board exams and private practice and on developing clinical skills in tobacco cessation, product selection, patient communication, curettage, and specialized patient treatments. Elective extra-mural clinical sites are provided for additional practice. This course meets specific CODA (Commission on Dental Accreditation) requirements.			
<b>Change Item Description</b>		<b>Old</b>	<b>New</b>
New Proposal: No differences to report			
<b>DEHY 211: Advanced Dental Hygiene Theory</b>	<b>2</b>	<b>Course Addition - Approved</b>	<b>Stelljes   Roberson</b>
<b>CMU Tech CC Discussion:</b> This course focuses on the care of patients with special needs (such as physical and mental disabilities and systemic conditions) and emphasizes patient management and treatment considerations. This course meets specific CODA (Commission on Dental Accreditation) requirements.			

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

New Proposal: No differences to report

**DEHY 212: National Boards Review**
**1**
**Course Addition - Approved**
**Stelljes | Roberson**

**CMU Tech CC Discussion:** This course provides the formal review sessions for second-year dental hygiene students preparing to sit for the National Board Examination. This course meets specific CODA (Commission on Dental Accreditation) requirements.

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

New Proposal: No differences to report

**FILM 111: Animation Expression**
**3**
**Course Addition - Approved**
**Roberson | Stelljes**

**CMU Tech CC Discussion:** 1.) Adding to modify Animation Principals I certificate to offer a specific course on the history of animation instead of blending Animation Students with the Film 110 course. 2.) No other courses on campus allow for a semester focusing on animation history. There are plenty of history courses for Art such as ARTE 118, History of Art: Pre-history to Renaissance & ARTE 119, History of Art, Renaissance to Present. These do not touch historical events with Animation. The Closest course coving some of the topics is ARTA 331 History of the Moving Image which is a blend of both film and animation through the industrial era through the contemporary era focusing on technological advancements. Where our Film Expression course being a 100 level will solely focus on animation and advancements of techniques over the history of the industry but also include specific historical events and advancements within studios such as Disney/Pixar/Warner Brothers and International Studios. 3.) Refining our Technical Animation Certificates knowing we started these with the intentions on blending courses with film students and after adding courses and certificates we believe that the certificates will continue to stand alone without the need of blending with film students and won't detriment the film numbers and allow us to offer unique animation focused courses like this one. Note: Proposed changes to the appropriate degree program(s) will be submitted in August 2025.

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

New Proposal: No differences to report

**FILM 162: Animation Environments & Backgrounds**
**3**
**Course Addition - Approved**
**Roberson | Stelljes**

**CMU Tech CC Discussion:** 1.) Adding to allow Animation Principals II certificate an elective to offer a specialization for environments and backgrounds for animation. 2.) No other courses on campus allow for a semester focusing on environments or backgrounds. Typically this is blended across multiple animation courses and is typically secondary to characters or story. 3.) Refining our Technical Animation Certificates knowing we started these with the intentions on blending courses with film students and after adding courses and certificates we believe that the certificates will continue to stand alone without the need of blending with film students and won't detriment the film numbers and allow us to offer unique animation focused courses like this one. Note: Proposed changes to the appropriate degree program(s) will be submitted in August 2025.

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

New Proposal: No differences to report

<b>FILM 171: Animation Shorts</b>	<b>3</b>	<b>Course Addition - Approved</b>	<b>Roberson   Stelljes</b>
<b>CMU Tech CC Discussion:</b> 1.) Adding to modify Animation Principals II certificate to offer an elective specific course to create short animations instead of blending Animation Students with the Film 170 Short Form Production course. 2.) Refining our Technical Animation Certificates knowing we started these with the intentions on blending courses with film students and after adding courses and certificates we believe that the certificates will continue to stand alone without the need of blending with film students and won't detriment the film numbers and allow us to offer unique animation focused courses like this one. Note: Proposed changes to the appropriate degree program(s) will be submitted in August 2025.			
<b>Change Item Description</b>	<b>Old</b>	<b>New</b>	
New Proposal: No differences to report			

<b>FILM 264: Multimedia and Special Effects</b>	<b>3</b>	<b>Course Addition - Approved</b>	<b>Roberson   Stelljes</b>
<b>CMU Tech CC Discussion:</b> This is a new course curriculum added to the Digital Filmmaking program to make the degree more comprehensive since the changes of merging Directing and Writing with Production Design. This course will focus on exploration of the art of visual storytelling through the creation of multimedia content enriched with digital special effects and innovative techniques. The course covers a wide range of key topics, including digital special effects, compositing 2D and 3D elements into live-action footage, motion graphics, 3D object import, advanced digital lighting, and advance rendering. Note: Proposed changes to the appropriate degree program(s) will be submitted in August 2025.			
<b>Change Item Description</b>	<b>Old</b>	<b>New</b>	
New Proposal: No differences to report			