

AGENDA

MIDLANDS TECHNICAL COLLEGE CURRICULUM AND FACULTY RELATIONS COMMITTEE

THURSDAY, FEBRUARY 6 | 7:30 A.M.

DR. PETER E. SERCER, SR. EXECUTIVE CONFERENCE ROOM, BSC 305 | BELTLINE CAMPUS

I. Midlands Technical College Curriculum and Faculty Relations Meeting

- A. Call to Order – Ms. Pam Harrison, Chair
- B. Approve Agenda
- C. Approve November 18, 2019 Minutes

II. Curriculum Actions

Dr. Diane Carr
Mrs. Sandra Hackley
Mr. Ben Gaston
Ms. Wanda Burwick
Mrs. Candace Doyle
Mr. Micah Norman

- 1. Network Systems Management Degree
- 2. Computer Technology Degree
- 3. Application Programming Certificate
- 4. Web Design Maintenance Certificate
- 5. Routing and Networking Configuration Certificate
- 6. Networking Specialist Certificate
- 7. Database Development Certificate
- 8. Enterprise Certificate
- 9. Information Systems Networking Certificate
- 10. LAN Network Systems Certificate
- 11. Criminal Justice Technology Degree
- 12. Human Services Degree
- 13. Early Childhood Development Degree
- 14. Infant/Toddler Certificate
- 15. Special Needs Certificate
- 16. Homeland Security Certificate
- 17. Expanded Duty Dental Assisting Diploma
- 18. Respiratory Care Degree
- 19. Radiologic Technology Degree
- 20. Medical Laboratory Technology Degree
- 21. Medical Assisting Certificate
- 22. Pre-Dental Hygiene Certificate
- 23. Pre-Medical Laboratory Technology Certificate
- 24. Pre-Respiratory Technology Certificate
- 25. Pre-Health Care Certificate
- 26. Paramedic Certificate

III. Online Courses and programs

Ms. Mary Helen Hendrix

IV. Guided Pathways Update

Dr. Diane Carr

V. Adjourn

Ms. Pam Harrison

Information Systems Technology

- **Network Systems Management Degree (Attachment A)**

Further refinement of changes made to this degree in Fall of 2018 include proposing switch to MAT 155 to better align with the functions and computations required in network systems management, switching from two separate network management courses to a single course that includes content on network security in addition to network management, and adding the COL 101 College Orientation course. Program requirements decreased from 63 credit hours to 60 credit hours.

- **Computer Technology-Application and Web Developer Degree (AAS) (Attachment X)**

Proposed switch to ENG 165 better aligns with the professional communication needs of the career. Accounting and Business Communications requirements have been removed and Internet Programming (IST 226) has been upgraded from an elective option to a requirement. COL 101 College Orientation has been added to the first semester requirements. Program requirements decreased from 67 credit hours to 62 credit hours.

- **Application Programming Certificate (Attachment B)**

Addition of courses to better prepare students for the field of Application Programming. Course additions include Introduction to Information Technology, Internet Programming, and Data Structure. Certificate hours increased from 19 credit hours to 22 credit hours.

- **Web Design and Maintenance Certificate (Attachment C)**

Elective courses in Information Technology, Programming and Client/Server Systems were moved to required courses to provide more focus on Information Systems. No change in total credit hours.

- **Routing and Network Configuration Certificate (Attachment D)**

Curriculum changes were made to provide more instruction in the integration of voice communications with network data services as well as network configuration and security. No change in total credit hours.

- **Networking Specialist Certificate (Attachment E)**

Curriculum changes were made to remove a course requirement related to web-mastery since this is no longer managed by network engineers, generally. That course will be replaced by **Cisco LAN Concepts** which will provide students introductory knowledge and skills in networking. No change in total credit hours.

- **Database Development Certificate (Attachment F)**

Addition of courses to better prepare students for the field of Internet Programming. Course additions include Internet Communications, Internet Programming, Java Programming, Introduction to Information Technology, and a Computer Programming Laboratory. Certificate hours increased from 18 credit hours to 31 credit hours.

- **Cancellation: Enterprise Certificate (Attachment G)**

This certificate was designed as a generalist certificate in various programming languages, but it does not provide focused study in any one language. Enrollment has been low in this program, and there are no students currently enrolled in the program. Students will be able to study programming language in other certificate programs within the department.

- **Cancellation: Information Systems Networking Certificate (Attachment H)**

This certificate was designed to prepare students for work with Wide-Area and Local Area Networks, but those skills are already taught in our other networking programs. Enrollment has been low in this program, and there are no students currently enrolled it.

- **Cancellation: LAN Networking Systems Certificate (Attachment I)**

This certificate was designed to prepare students for work with Local Area Networks, but those skills are already taught in our other networking programs. Enrollment has been low in this program, and there are no students currently enrolled it.

Education

- **Early Care and Education Degree (AAS) (Attachment J)**

Proposed switch of ENG 165 better align with the professional communication needs of the career. ENG 102 will still be an option for students planning to transfer to a four-year college. Refinement of elective choices to align with career options.

- **Criminal Justice Technology Degree (AAS) (Attachment Y)**

Switch CRJ 236 (Criminal Evidence) from elective option to program requirement. Use lab science to satisfy analytical reasoning competency and increase transferable credits. Add new Homeland Security course and College Orientation course. Delete 3 general electives and political science elective. Program requirements decreased from 68 credit hours to 62 credit hours.

- **Human Services Degree (AAS) (Attachment Z)**

Use lab science to satisfy analytical reasoning competency and increase transferable credits. Delete 1 general elective course and add COL 101 College Orientation course. Program requirements decreased from 68 credit hours to 64 credit hours.

- **Cancellation: Infant Toddler Certificate (Attachment K)**

This certificate was designed to meet certification requirements for Early Head Start teachers. These teachers are now required to have an associate degree, so the certificate program is no longer viable.

- **Cancellation: Special Needs Certificate (Attachment L)**

This certificate was created in a partnership with the University of South Carolina in support of a grant they had at the time. Interest in this program has declined with but only eight students completing the certificate in the past ten years. With the new Guided Pathways, students will be able to choose two electives to specialize in special needs while obtaining their AAS in Early Care and Education.

Public Service

- **New Certificate: Homeland Security Certificate (Attachment M)**

Proposed by the Criminal Justice Department, this certificate provides an overview and foundational understanding of crisis and security management. It is part of the Criminal Justice degree, and will be marketed towards criminal justice professionals and first responders.

Health Care

- **Expanded Duty Dental Assisting (Diploma) (Attachment N)**

Proposed switch of English and Math courses to better align with the communication and computation skills required of the profession. Revision of General Education Core to include General Anatomy and Physiology. No change in credit hours.

- **Respiratory Care (AAS) (Attachment O)**

Propose deletion of second English composition course (ENG 102) and Computer Application course. Research, presentation, and computer charting are taught in program courses. Combined competencies from multiple respiratory courses into clinical practice. Reduction of program hours from 83 credit hours to 73 credit hours.

- **Radiologic Technology (AAS) (Attachment P)**

Proposed switch of English and Math courses to better align with the communication and computation skills required of the profession. Addition of medical terminology and College Skills course to first semester requirements. Merged several radiology courses to reduce redundancy. Reduction of program hours from 84 credit hours to 74 credit hours.

- **Medical Laboratory Technology (AAS) (Attachment Q)**

Proposed switch of English course to better align with the communication skills required of the profession. Addition of College Skills course to first semester requirements.

- **Medical Assisting Certificate (Attachment R)**

Proposed switch of English and Math courses to better align with the communication and computation skills required of the profession. Revision of General Education Core to include General Anatomy and Physiology. Removal of Keyboarding and Computer Technology courses since these skills are covered in program courses. Program length reduced from 48 credit hours to 39 credit hours.

- **Cancellation: Pre-Dental Hygiene Certificate (Attachment S)**

Proposal to cancel the Pre-Dental Hygiene Certificate awarded when a student passes all of the Phase I courses. This is an arbitrary award and does not allow a person/student to work in any capacity in the Dental Hygiene field. It confuses prospective students more than anything as they think that getting this certificate will allow them to be clinicians, but to be a Dental Hygienist requires completion of an accredited DHG associate degree program and a passing score on the national licensing/credentialing board exam.

- **Cancellation: Pre-Medical Laboratory Technology Certificate (Attachment T)**

Proposal to cancel the Pre-Medical Laboratory Certificate awarded when a student passes all of the Phase I courses. This is an arbitrary award and does not allow a person/student to work in any capacity in the Medical Laboratory field. It confuses prospective students more than anything as they think that getting this certificate will allow them to be clinicians, but to be a Medical Laboratory Technologist requires completion of an accredited MLT associate degree program and a passing score on the national licensing/credentialing board exam.

- **Cancellation: Pre-Respiratory Care Certificate (Attachment U)**

Proposal to cancel the Pre-Respiratory Care Certificate awarded when a student passes all of the Phase I courses. This is an arbitrary award and does not allow a person/student to work in any capacity in the Respiratory Care field. It confuses prospective students more than anything as they think that getting this certificate will allow them to be clinicians, but to be a Respiratory Care clinician requires completion of an accredited RES associate degree program and a passing score on the national licensing/credentialing board exam.

- **Cancellation: Pre-Health Care Certificate (Attachment V)**

Proposal to cancel the Pre-Health Care Certificate. This is an arbitrary award and does not allow a person/student to work in any capacity in the Health Care field. It confuses prospective students more than anything as they think that getting this certificate will allow them to be clinicians, but to be a health care practitioner requires completion of an accredited health care associate degree program and a passing score on the related national licensing/credentialing board exam.

- **New Certificate: Emergency Medical Technology (Paramedic) Certificate (Attachment W)**

This certificate is part of the Associate Degree in Emergency Medical Technology already approved in Fall 2019. The plan of the college to address the community need for a comprehensive paramedic education program is to begin with a certificated paramedic program with the goal of transitioning into an associate's degree program over the next 1-2 years.