EXECUTIVE SUMMARY

Board Transmittal

Recommendation that the Broward College Board of Trustees authorize pilot, new and revised courses.

Presenter: Dr. Linda Howdyshell

Considerations: Faculty members and administrators from the following departments proposed seven course revisions to the Curriculum Committee at their April meeting: Architecture, Art, Emergency Medical Services, Engineering, and Health Sciences. Information Technology faculty proposed seven new courses at the January Curriculum Committee meeting. The Committee recommends that the Board approve these revisions and additions to the College's curriculum.

How does this impact student success: These changes provide a current curriculum for BC students.

What specific goal of the Strategic Plan is advanced through this action: Goal 1 - To be best in class amongst all Florida peer colleges on student success; Goal 2 - To be equal to or better than all Florida peer colleges by July 1, 2017, in measurable market share; Goal 3 - To be equal to or better than all Florida peer colleges by July 1, 2017, for financial measures that support student success; Goal 5 - Broward College will steadily increase its engagement with alumni, donors, community, and industry partners to advance student success.

Fiscal Impact: The expense of offering courses is covered through tuition, course user fees if charged, and state funding.

Small Business Firm:  Yes ☐ No ☐ N/A ☒

Broward Firm: Yes ☐ No ☐ N/A ☒

Prepared by: Dr. Avis Proctor and Mr. Gino Galli

Reviewed by:

________________________________________  Budget Office
Attorney’s Office

________________________________________  SVP, Howdyshell or Olliff
VP, Campus President
MEMORANDUM

TO: J. David Armstrong, Jr., President
    Broward College
FROM: Dr. Linda Howdyshell
    College Provost and Senior Vice President for Academics and Student Success
RE: Courses
DATE: June 18th, 2013

Architecture: Revised Credit Courses

ARC2580 Architectural Structures, 4 Credits
Title: from Structures to: Architectural Structures
Grading Method: from AU to: AU and CR
Updated Course Description:
Basic study in the principles and evaluations of structures as applied to architecture. Major topics of study include statics, stress, and the characteristics of beam and column behavior. This course will enable the student to develop a structural sense in creating architectural solutions.

Art: Revised Credit Courses

ARH2402 Modern Art, 3 Credits
ARH2051 World Art prerequisite added

ARH2660 Latin American Art, 3 Credits
ARH2051 World Art prerequisite added

Emergency Medical Services: Revised Credit Courses

EMS2010 Paramedic A&P, Pathophysiology, Life Span Develop, 3 Credits
Title: from Body Systems for the Paramedic to: Paramedic A&P, Pathophysiology, Life Span Develop
Short Title: from BODY SYS PM to: PARAMEDIC A&P
Grading Method: from: CS to: CS and AU
Updated Course Description:
This course presents information on the structure and function of the human body in a normal and diseased state. The general concepts of anatomy and physiology for the assessment and management of emergency patients by the paramedic in the prehospital field area will be emphasized. The interaction of the body systems as they maintain homeostasis with particular attention placed on the nervous, cardiovascular and respiratory systems will be covered. Pathophysiology & Life Span Development are also included. Objectives from the United States Department of Transportation (USDOT) National Standard Paramedic Curriculum on anatomy, physiology, pathophysiology & life span development will be included.

EMS2631 Paramedic Science I, 3 Credits
Grading Method: from: CS to: CS and AU
Updated Course Description:
Topics deal with Patient Assessment, Critical Thinking, Clinical Decision Making, Documentation, Medication Administration and associated math, EMS Systems, Workforce Safety & Wellness, Public Health, Medical-Legal-Ethical issues, and EMS Communications. Basic math computation for medication
administration is introduced. Material includes current U.S. Department of Transportation, (DOT), National Paramedic curriculum objectives.

Engineering: Revised Credit Courses

**EET1015C DC Circuits, 3 Credits**
Credit Hours: from 5.00 to 3.00
Lecture Hours: from 64.00 to 32.00
Lab Hours: from 32.00 to 16.00

Health Sciences: Revised Credit Courses

**HSC1531 Medical Terminology, 3 Credits**
Updated Course Description
HSC 1531 provides a broad survey of the language of medicine and health technologies. Emphasis is placed primarily on the building of medical terms from word parts. The course is intended to be the foundation of a working medical vocabulary for individuals preparing for careers in both the health professions and other areas in which this knowledge is essential.

Information Technology: New Credit Courses

**CTS1390C Installing and Configuring Windows Server 2012, 4 Credits**
This course will give students the initial skills to implement and configure Windows Server 2012 core services, such as Active Directory and the networking services.
Lecture: 48.00 hours Lab: 16.00 hours Clinical: 0 hours Other: 0 hours Fee: $144.00

**CTS1391C Administering Windows Server 2012, 4 Credits**
This course will give students the skills to maintain a Windows Server 2012 infrastructure, such as user and group management, network access and data security.
Lecture: 48.00 hours Lab: 16.00 hours Clinical: 0 hours Other: 0 hours Fee: $144.00

**CTS1392C Configuring Advanced Windows Server 2012 Services, 4 Credits**
This course will give students necessary to deploy, manage and maintain a Windows Server 2012 infrastructure, such as fault tolerance, certificate services, and identity federation.
Lecture: 48.00 hours Lab: 16.00 hours Clinical: 0 hours Other: 0 hours Fee: $144.00

**CTS2393C Designing and Implementing a Server Infrastructure, 4 Credits**
This course will give students the skills and knowledge necessary to design, implement and maintain a Windows Server 2012 Infrastructure in an enterprise scaled, highly virtualized environment.
Lecture: 48.00 hours Lab: 16.00 hours Clinical: 0 hours Other: 0 hours Fee: $144.00

**CTS2394C Implementing Advanced Server 2012 Infrastructure, 4 Credits**
This course will give students the skills and knowledge necessary for planning, designing and deploying a Windows Server 2012 highly virtualized infrastructure including the Active Directory, storage, security and networking services.
Lecture: 48.00 hours Lab: 16.00 hours Clinical: 0 hours Other: 0 hours Fee: $144.00

**CTS2395C Implementing a Desktop Infrastructure, 4 Credits**
This course will give the students the skills and knowledge necessary to plan, configure, and implement of the Windows Server 2012 desktop services, such as desktop imaging and deployment, application / desktop virtualization, and RDP access and infrastructure.
Lecture: 48.00 hours Lab: 16.00 hours Clinical: 0 hours Other: 0 hours Fee: $144.00

**CTS2396C Implementing Desktop Application Environments, 4 Credits**
This course will give students the skills and knowledge necessary to plan, configure, and implement of the Windows Server 2012 desktop services, such as desktop imaging and deployment, application / desktop virtualization, and RDP access and infrastructure.

Lecture: 48.00 hours  
Lab: 16.00 hours  
Clinical: 0 hours  
Other: 0 hours  
Fee: $144.00