




April 20, 2015

MEMORANDUM

TO: District Board of Trustees
FROM: Jim Murdaugh, President 
SUBJECT: Academic Programs and Course Changes

Item Description

This item presents proposed changes in curriculum for 2015-2016.

Overview and Background

The Academic Planning Committee Curriculum members review and make recommendations for Board approval for new programs and courses. Changes are based on recommendations from Advisory Boards, on changes to curriculum frameworks that are provided by the State Board of Education, or on recommendation of the appropriate academic faculty. Major proposed changes for next year include new certificates for Health Informatics and Medical Coding and Billing due to changes in the State Curriculum Frameworks. A new A.S. Degree in Pharmacy Management along with an Applied Technical Diploma are also proposed (changing from clock hour credit which is being phased out.) Another major change includes adding SLS1510 (College Success) and SLS2261 (Dynamics of Student Leadership) as the two options for a three credit hour Social Science General Education requirement in College Success.

Past Actions by the Board

The Board approves the curriculum changes each year. The changes are for the 2015-2016. academic year.

Funding/Financial Implications

These curriculum changes require no new funding.

Staff Resource

Barbara Sloan, Calandra Stringer

Recommended Action

That the Board approve the recommendation for academic course and program changes for the 2015-2016 academic year as attached.

NEW PROGRAMS

Certificate in Health Informatics Specialist (24 credit hours) – This program replaces the current Health Informatics Specialist program which included 18 credit hours. The proposed change is mandated by the State Board of Education.

Certificate in Medical Coding and Billing Specialist (37 credit hours) – This program replaces the current Medical Coding and Billing Specialist program which included 34 credit hours. The proposed change is mandated by the State Board of Education

A.S. Degree in Pharmacy Management (70 credit hours) – This program replaces the current Pharmacy Technician PSAV program which included 1050 clock hours. The proposed degree will better meet the needs of our community partners, and permit academic as well as employment advancements for graduates.

Applied Technology Diploma in Pharmacy Technician (40 credit hours) – This diploma program is attached to the A.S. Degree in Pharmacy Management which allows students to earn a credential as a Pharmacy Technician.

PROGRAM CHANGES

A.S. Degree in Graphic Design Technology: Proposed changes are to delete one program course and add one course. An internship course, IDS2941 is also being added as an additional elective option for students. The changes are based upon a review of program content by faculty and input from the advisory board; total credit hours for program completion have not changed.

Add this course: CGS 1820 Web Page Authoring (3)

Delete this course: GRA2143 Advanced Web Design (3)

A.S. Degree in Drafting and Design Technology, Building Construction Specialization: Proposed changes include renaming the program to A.S. Degree in Drafting and Design and to combine program content with content from the Drafting and Design Technology, Surveying/ GIS Specialization, which is being deleted. The changes are based upon a review of program content by faculty; total credit hours for program completion have not changed.

Add this course: EGS1001 Introduction to Engineering (3)
BCN1040 Introduction to Sustainable/Green Building Principles (3)
ETI1110 Quality Insurance (3)
ETI1701 Industrial Safety (3)
ETM1010 Mechanical Measurements and Instrumentation (3)
SUR2390 GIS Applications for Engineering and Technology (3)

SUR2100 Fundamentals of Land Surveying (3)

Delete this course: ETD2563C Fire Protection Design (3)
IDS2182 Applied Ethics Seminar (3)
BCT2772 Construction Estimating II (3)
CBN2704 Construction Contracts, Codes, Laws and Safety (3)
BCT2705 Construction Management (3)
SMB2000 Small Business Management (3)
Elective course (3)

Certificate in CAD Foundations: Proposed change is to replace IDS2182 with the newly created Introduction to Engineering course; this ensures alignment with most AS programs and certificates, which offer a fundamental course in the disciplines. This change is based upon a review of program content by faculty; total credit hours for program completion have not changed.

Add this course: EGS1001 Introduction to Engineering (3)

Delete this course: IDS2182 Applied Ethics Seminar (3)

PSAV in Welding: Proposed change is to accelerate the program so that students have the opportunity to complete in four semesters instead of five semesters. The number of clock hours associated with the program will not change. However, more courses will be in each semester in order for students to finish the program at a quicker pace.

PROGRAM DELETIONS

Based on review of curriculum content and assessment and mandates by the State Board of Education in which some of the programs are being replaced by new degrees with different program lengths, the following program deletions are recommended:

Health Informatics Specialist Certificate (18 credit hours)
Medical Coding and Billing Specialist Certificate (34 credit hours)
Fire Sprinkler Design Technology Certificate (18 credit hours)
Drafting and Design Technology, Surveying/GIS Specialization A.S. (62 credit hours)

NEW COURSES

Based on review of curriculum content and assessment, and the new programs being proposed, the following new courses are recommended.

ARH 2000	Art Appreciation
HUM 2020	Introduction to Humanities
LIT 2000	Introduction to Literature
MUL 2010	Music Appreciation
THE 2000	Theatre Appreciation
PMT 0112	Advanced Oxygen Welding
PMT 0126	Advanced Shield Metal Arc Welding
PMT 0164	Fabrication Metal Products
PMT 0173	Gas Metal Arc Pipe Welding
PMT 0171	Gas Tungsten Arc Pipe Welding
PMT 0145	GMAW Flux Core Arc Welding
PMT 0130	Intro MIG
PMT 0106	Intro Oxygen Welding
PMT 0134	MIG Welding
PMT 0121	Shield Metal Arc Welding
PMT 0122	SMAW High Technology
PMT 0165	SMAW Pipe Welding
PMT 0138	Specialty TIG
PMT 0131	TIG Welding
EMS1525	Electrocardiography
PTN1001C	Introduction to Pharmacy
PTN1017	Pharmacy Calculations
PTN1121	Therapeutic Agents I
PTN1122	Therapeutic Agents II
PTN1131C	Applied Pharmacy Practice
PTN1132	Basic Business Skills for the Pharmacy Technician
PTN1930	Pharmacy Seminar
PTN1940	Pharmacy Practicum I
PTN1941C	Pharmacy Practicum II
PTN1942C	Pharmacy Practicum III
ANT2000	Introduction to Anthropology
EGS1001	Introduction to Engineering Technology
BCN1040	Introduction to Sustainable/Green Building Principles
COP2360	Introduction to C# Programming
COP2805	Java Programming II
CJE2330	Ethics in Criminal Justice
ENC0027	Integrated Reading and Writing II

COURSE DELETIONS

MUL 1110	Music Appreciation
PMT 0014	Welder Flux Cored

PMT 0013	Welder Gas Metal
PMT 0015	Welder Gas Tungsten
PMT 0016	Welder Pipe
PMT 0012	Welder Shielded Metal
PMT 0011	Welders Helper
THE1000	Introduction to the Theatre
BCT2272	Construction Estimating II
CAP2023	Introduction to Game Programming
CAP2024	Advanced Game Programming

COURSE CHANGES

PHI2010 Philosophy; Removal of ENC 1102 as a pre-requisite and add C or better in ENC 1101 as the pre-requisite.

ARH2050 Introduction to Art History and Art Criticism I; *Name Change* to Art History – Prehistory through Gothic.

ARH2051 Introduction to Art History and Art Criticism II; *Name Change* to Art History – Renaissance through Contemporary.

HUM2210 Humanities of the World I; *Name Change* to Humanities of the World: Prehistoric through Sixteenth Century. Change based on restructuring of the humanities curriculum and subsequent need to clarify time period covered in course.

HUM2230 Humanities of the World II; *Name Change* to Humanities of the World: Sixteenth Century through Contemporary. Change based on restructuring of the humanities curriculum and subsequent need to clarify time period covered in course.

GRA2140 Web Page Design; *Pre-Requisite Change* to add CGS1820. Change based on need for previous knowledge of HTML in order to master course content; and inclusion of the course in the Computer Programming and Web Development A.S. Degree.

GRA1206C Typography; *Pre-Requisite Change* to None. Review of class content and prior student knowledge suggests requiring GRA1111C as pre-requisite is not necessary; GRA1111C will be a suggested pre-or co-requisite. This change will allow for more flexibility for the students.

GRA1103C Computer Based Design I; *Course ID Change* to GRA2103C. *Co-Requisite Change* to None. Changes based on review of level of course content. Review of class content and level necessitates a course ID change; keeping a suggested co-requisite only will suffice.

GRA1105C Computer Based Design II; *Course ID Change* to GRA2105C. Change based on review of level of course content.

GRA1131C Multimedia Graphics; *Course ID Change* to GRA1111C; *Name Change* to Graphic Design I. Changes based on review of SCNS numbering system; new ID and name is a better description of the class and better aligns with core programs at other institutions.

PGY2801C Photoshop; *Pre-Requisite Change* to GRA1111C. Change based on review of course content and program sequence; GRA1111C is foundational and PGY2801C is a more advanced class.

HIM2012 Legal and Ethical Aspects of Healthcare; *Pre-Requisite Change* to “completion of developmental education reading and writing” only. Change based on review of course content, mention of developmental mathematics in prerequisite language not needed.

HIM2214 Health Statistics; *Pre-Requisite Change* to remove MGF1105 and MGF1106; *Co-Requisite Change* to HIM1000. Changes based on review of course content: mathematics component not needed at the current level, and HIM1000 can be taken as pre- or co-requisite.

BCN2230 Construction Materials and Methods; *Pre-Requisite Change* to None; Change based on changes to course content. Content from the current pre-requisite has been incorporated as a module in BCN2230.

BCN2241 Construction Operations; *Pre-Requisite Change* to None; Change based on changes to course content. Content from the current pre-requisite has been incorporated as a module in BCN2241.

ETD1320 Introduction to CAD; *Pre-Requisite Change* to None; Change based on review of course content. Content from the current pre-requisite is sufficiently covered at the beginning of ETD1320.

EGN2112C Computer Applications in Drafting and Design; *Course ID Change* to EGN2112; *Credit Hour Change* from 3 to 2; *Pre-Requisite Change* to add ETD2340; *Catalog Description Change*. By requiring two pre-requisites, students are better equipped to successfully complete the course; prior knowledge from the pre-requisites also allows the course to be shortened.

COP2332 Visual Programming; *Course ID Change* to COP1332; *Name Change* to Introduction to VB.Net Programming, *Pre-Requisite Change* to None; *Catalog Description Change*. Changes based on updated structure of AS degree in Computer Programming and Web Development, and a review of course level and content.

CGS2540 Database Concepts *Pre-Requisite Change* to any college-level mathematics course; Change based on review of necessary prior knowledge for successful completion.

CCJ2930 Seminar of Contemporary Criminal Justice Issues; *Pre-Requisite Change* to CCJ1020; *Credit and Contact Hour Change* from 4 to 3; *Catalog Description Change*. Changes based on

review of necessary prior knowledge for successful completion of this capstone course and credit hour revisions to AS degree in Criminal Justice Technology.

ETS1511C Motors and Control; *Pre-Requisite Change* to none. Changes based on the current pre-requisite being incorporated into the current course as a module.

MAT0018 Foundations of College Mathematics I; *Credit and Contact Hour Change* from 3 to 4. Changes based on additional content that was added to the course due to the changes in Developmental Education.

MAT0028 Foundations of College Mathematics II; *Credit and Contact Hour Change* from 3 to 4. Changes based on additional content that was added to the course due to the changes in Developmental Education.

SLS0003 Foundations of Student Development; *Co-Requisite Change* to ENC0015, REA0007, REA0017, ENC0022, ENC0027 and/or REA0056. Changes based on the Title III grant.

SLS1510 College Success; *Pre-Requisite Change* to SLS0003 for nonexempt student; Social Science General Education Requirement. Changes based on the Title III grant and the changes to the Fall 2015 General Education Package.

SLS2261 Dynamics of Student Leadership. Social Science General Education Requirement. Changes based on the Title III grant and the changes to the Fall 2015 General Education Package.