May 20, 2013

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 2013-2014.

A new Associate in Science Degree for paramedics and licensed practical nurses to transition to registered nurses is proposed. All Associate in Applied Science degrees will be deleted in accordance with Florida law and transition plans for students in the degrees are provided. Other course, certificate, and degree deletions in credit workforce programs are presented to update curriculum and assure timely progression through degrees and certificates.

Overview and Background

The Academic Planning Committee Curriculum members review and make recommendations for Board approval for new programs and courses. Recommendations align with state policy, SACS accreditation standards, and the College's mission. The Committee presents the Board with the attached recommendations. The Board has the responsibility for approval and discontinuance of courses and programs in accordance with Florida state law.

Past Actions by the Board

The Board approves curriculum changes periodically. These changes will be effective for the 2013-2014 academic year.

Funding/Financial Implications

These curriculum changes require no new funding.

Staff Resource

Barbara Sloan

Recommended Action

That the Board approve the recommendation for academic course and program changes for the 2013-2014 academic year as attached.

NEW PROGRAMS

AS Degree in LPN/Paramedic to RN

The program will allow Florida licensed practicing nurses and paramedics to transition into the nursing program and receive 14 credit hours of exemptions. The students will take a 7 credit hour transition course at the beginning of the nursing program to assist with transitioning. This program provides an opportunity for a practicing LPN or Paramedic to build on knowledge previously learned. Graduates of this program will be eligible to site for the licensing exam to become a Registered Nurse.

PROGRAM DELETIONS

AS Degree in Graphic Design Technology, Interactive Media Track is proposed to be deleted because the AS Degree in Graphic Design Technology Graphic Design Track has been combined with Interactive Media Track in order to offer one single degree in Graphic Design Technology. The following certificates associated with the degree will also be deleted:
- Certificate in Interactive Media Production
- Certificate in Interactive Media Support

AS Degree in Biotechnology is proposed to be deleted due to low student enrollment and employability in our three county district is virtually non-existent.

The State Board of Education is requiring that all Applied Associate of Science (AAS) degree no longer be offered as of the 2013-2014 year. The following AAS programs and the associated certificates are proposed to be deleted:

- AAS Degree in Criminal Justice Technology, Corrections Specialization
- AAS Degree in Criminal Justice Technology, Crime Scene Investigation Specialization
- Certificate in Crime Scene Investigation
- AAS Degree in Criminal Justice Technology, Law Enforcement Specialization
- AAS Degree in Criminal Justice Technology-Academy Track, Corrections Specialization
- AAS Degree in Criminal Justice Technology-Academy Track, Law Enforcement Specialization
- AAS Degree in Construction Engineering Technology-Building Construction Specialization
- AAS Degree in Construction Engineering Technology-Construction Management Specialization
- AAS Degree in Electronic Engineering Technology-Electronics Specialization
- AAS Degree in Electronic Engineering Technology-Computer Electronics Specialization
- AAS Degree in Industrial Technology-Industrial Management Specialization
- AAS Degree in Industrial Technology-Aviation Maintenance Specialization
- Certificate in Geographic Information Systems (GIS) Technology

- AAS Degree in Business Administration
- Certificate in Business Operations
- Certificate in Business Management
- Certificate in Business Specialist

PROGRAM CHANGES

<u>AS Degree in Graphic Design Technology</u> proposed changes to combine courses to reflect current industry needs. Changes are based upon advisory committee discussions and a review of industry literature/standards. Total credit hours for program completion have not changed.

Add these courses:	GRA 2140 Web Page Design
	GRA 2143 Advanced Web Page Design
	Three Program Electives
Delete these courses:	ART 2955 Portfolio
	GRA 2230 Digital Pre-Press and Document Design
	Four Professional Electives

<u>Certificate in Graphic Design Production</u> proposed changes based on advisory committee discussions and a review of industry literature/standards. Total credit hours for program completion have not changed.

Add these courses:	GRA 2140 Web Page Design
Delete these courses:	GRA 2230 Digital Pre-Press and Document Design

<u>Certificate in Graphic Design Support</u> proposed changes to reflect advisory committee discussions and a review of industry literature/standards. Total credit hours for program completion have not changed.

Add these courses:	GRA 2121 Publication Design
Delete these courses:	PGY 1800C Digital Photography

<u>AS Degree in Radiologic Technology Technology</u> proposed changes are based upon updated licensure exam requirements and a review of curriculum standards. Changes include moving students' clinicals from 1 day per week to 2 days per week. Total credit hours for program completion have not changed.

Add these courses:	RTE 2562C Radiographic Special Procedures
	RTE 2572 Imaging Modalities and Cross-Sectional Anatomy
Delete these courses:	RTE 2920L Competency Lab

Certificate in Diagnostic Medical Sonography proposed changes are based upon a review of curriculum standards. Changes include moving changing the program name to Certificate in Sonography. In order to enlarge the applicant pool, changes also include the admission criteria: from licensed Radiologic Technologists to include licensed/certified (in Florida) health care practitioners who have AS degrees in clinical practice areas from SACS accredited programs. Total credit hours for program completion have not changed. The program will be offered over five semesters instead of four semesters and the program includes mandated clinical hours.

Add these courses: SON 2000 Introduction to Sonography
SON 2009 Sonography Review
SON 2113 Cross-sectional Anatomy
SON 2116 Abdominal Physiology
SON 2834 Clinical Experience IV
SON 2844 Clinical Experience V
Delete these courses: SON1100 Principles & Protocols of Sonographic Imaging
SON1214 Practical Aspects of Sonography I
SON1215 Practical Aspects of Sonography II
SON1864 Summer Clinical Experience

AS Degree in Recreation Management proposed changes are based on more options for students. The proposed changes include allow students to expand the variety of courses available to choose for an elective. Currently students may choose courses with the prefix PET, PEM, or HUN. The proposed change is to add the option for students to also choose HUN courses because the HUN courses offered also align with the program learning outcomes.

AS Degree in Office Administration proposed changes to delete a course and add an additional elective. The proposed changes are due to program redesign and the course that is being deleted from the program did not align with any of the program learning outcomes. Total credit hours for program completion have not changed.

AS Degree in Computer Programming and Analysis – Computer Game Design and Logic proposed changes to make the degree more flexible as well as to add more graphics classes. The change also includes allowing students to choose a programming course such as COP 2221, COP 2332, or COP 2800. Total program hours are not changing.

Add these courses: Any 2nd level General Education Communications
Any General Education Mathematics
CGS 1000 Introduction to Computer Technology
CGS 2540 Database Concepts
MNA 2130 Business Communications
GRA 2100 CG Characters Production
CAP 2703 Advanced Animation
Delete these courses: ENC 1102 Argument and Persuasion
MGF 1106 Mathematics I for Liberal Arts

CGS 1555 The Internet
CGS 2525 Advanced Multimedia Programming
CAP 2204 Portfolio Presentation
GRA 1131C Multimedia Graphics
One 3 credit hour elective

Certificate in Computer Programming and Analysis proposed changes to make the certificate more flexible and technical in nature. The change also includes allowing students to choose a programming course such as COP 2221, COP 2332, or COP 2800. Total program hours are not changing.

Add these courses: CGS 1520 Introduction to Multimedia Programming
One 3 credit hour elective
Delete these courses: MNA 1161 Introduction to Customer Service
COP 2221 Intermediate Programming with C++

Certificate in Computer Programming Specialist proposed changes to make the certificate more flexible and technical in nature. The change also includes allowing students to choose a programming course such as COP 2221, COP 2332, or COP 2800. Total program hours are not changing.

Add these courses: CGS 1820 Web Page Authoring
COP 2221 Intermediate C++ Programming
Delete these courses: MNA 1161 Introduction to Customer Service
MNA 2130 Business Communications

AS Degree in Web Technologies proposed changes to make the due to Advisory Board suggestions. Total program hours are not changing.

Add these courses: GRA 1131C Multimedia Graphics Design
PGY 2801C Photoshop
GRA1206C Typography
GRA1751 Web Interface Design
GRA1103C Computer Based Design
GRA 2755 Web Technologies Capstone
CGS 1520 Introduction to Multimedia Programming
COP 2840 Internet Programming
Delete these courses: ENC 2210 or MNA 2130 Option
CGS 1000 Introduction to Computer Technology
CGS 1060 Computer and Internet Literacy
CGS 2069 Starting a Business on the Internet
CGS 1555 The Internet
CNT 2401 Introduction to Network Security
CTS 2106 Introduction to Unix

One 3 credit hour elective

Certificate in Web Technologies proposed changes to make the due to Advisory Board suggestions. Total program hours are changing from 33 to 36 credit hours.

Add these courses: GRA 1131C Multimedia Graphics Design
PGY 2801C Photoshop
GRA1206C Typography
GRA1751 Web Interface Design
GRA1103C Computer Based Design
One 3 credit hour program elective

Delete these courses: CGS 1000 Introduction to Computer Technology
CGS 1555 The Internet
CGS 2069 Starting a Business on the Internet
CTS 2106 Introduction to Unix

NEW COURSES

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

RTE 2562C	Radiographic Special Procedures I
RTE 2572	Imaging Modalities and Cross-Sectional Anatomy
NUR 2057C	Health Profession to RN
SON2000	Introduction to Sonography I
SON2009	Diagnostic Medical Sonography Review
SON2113	Sonographic Cross-Sectional Anatomy
SON2116	Abdominal Physiology
SON2834	Clinical Experience IV
SON2844	Clinical Experience V
MAT 0055	Developmental Math Module I
GRA 1751	Web Interface Design
GRA 2755	Web Technologies Capstone

COURSE DELETIONS

Based on review of curriculum content and assessment, deletion of programs, as well as State Board of Education Rule 6A-10.0331 which states courses which have not been taught for five years are deleted from the catalog, the following course deletions are recommended.

NUR 2005	LPN Transition
GRA 2203	Digital Prepress/Document Design
RTV 2214	Digital Audio/Video Production
HUM 2950	Humanities Abroad Option

CJE 2140	Public and Private Security
CJE 2300	Police Administration
DSC 1005	Terrorism
CJC 2300	Correctional Administration and Operations
MNA 2345	Effective Supervision I
MNA 2346	Effective Supervision II
CAP 2204	Portfolio Presentation
CTS 2441	Database programming
PEL 1346	Beginning Badminton
PEL 1441	Racquetball
PEL 1442	Intermediate Racquetball
BSC 1404	Introduction to Biotechnology Methods
BSC 1421	Introduction to Biotechnology
CHM 1031	Physiological Chemistry
CHM 1031L	Physiological Chemistry Lab
SON 1111L	Abdominal Sonography I Lab
SON 1112L	Abdominal Sonography II Lab
SON 1121L	Sonographic OB/GYN I Lab
SON 1122L	Sonographic OB/GYN II Lab
SON 1141L	Small Parts Sonography Lab
SON 1170L	Sonography of the Circulatory System Lab
CGS 2525	Advanced Multimedia Programming
CAP 2204	Portfolio Presentation

COURSE CHANGES

DEH 1802L - Dental Hygiene II Clinic; Course content change; Rationale is that students will be demonstrating clinical competency for administering local anesthesia under direct supervision of a licensed dentist

DEH 2804L - Dental Hygiene III Clinic; Course content change; Rationale is that students will be demonstrating clinical competency for administering local anesthesia under direct supervision of a licensed dentist

SON1111 - Abdominal Sonography I; *Course # change* to SON2111C; *Pre-requisites change* from "admission to the program" to SON2000, SON2211, SON2113, SON2804; *Co-requisites change* from SON1100, SON1111L, SON1121, SON1121L, SON1214, SON1804 to SON2212, SON2121C, SON2814 to SON2212, SON2121C, SON2814; *Course description change;* Rationale is that the Sonography program has an AS degree as an admission requirement, thus the courses should merit the level.

SON1112 - Abdominal Sonography II; *Course # change* to SON2112C; *Pre-requisites change* from SON1100, SON1111, SON1111L, SON1121, SON1121L, SON1214, SON1804 to

SON2000, SON2211, SON2113, SON2804, SON2212, SON2121C, SON2111C, SON2814, SON2170C, SON2400, SON2824; *Co-requisites change* from SON1112L, SON1122, SON1122L, SON1211, SON1814 to SON2122C, SON2141C, SON2834; Rationale is that the Sonography program has an AS degree as an admission requirement, thus the courses should merit the level.

SON1121- Sonographic OC/GYN I; *Course # change* to SON2121C; *Name change* to Obstetrics and Gynecology Sonography I;
Pre-requisites change from "admission to the program" to SON2000, SON2211, SON2113, SON2804; *Co-requisites change* from SON1111, SON1111L, SON1121L, SON1214, SON1804, SON1100 to SON2212, SON2111C, SON2814; *Course description change*; Rationale is that the Sonography program has an AS degree as an admission requirement, thus the courses should merit the level.

SON1122 - Sonographic OC/GYN II; *Course # change* to SON2122C; *Name change* to Obstetrics and Gynecology Sonography II;
Contact hour change from 90 to 75 (removed 15 clinical hours); *Pre-requisites change* from SON1100, SON1111, SON1111L, SON1121, SON1121L, SON1214, SON1804 to SON2000, SON2211, SON2113, SON2804, SON2212, SON2121C, SON2111C, SON2814, SON2170C, SON2400, SON2824; *Co-requisites change* from SON1112, SON1112L, SON1122L, SON1211, SON1814 to SON2112C, SON2141C, SON2834; *Course description change;* Rationale is that the Sonography program has an AS degree as an admission requirement, thus the courses should merit the level.

SON1141 - Small Parts Sonography; *Course # change* to 2141C; *Credit hour change* from 3 to 2; *Contact hour change* from 75 to 60 (removed 15 clinical hours); *Pre-requisites change* from SON1112, SON1112L, SON1122, SON1122L, SON1211, SON1814 to SON2000, SON2211, SON2113, SON2804, SON2212, SON2121C, SON2111C, SON2814, SON2170C, SON2400, SON2824; *Co-requisites change* from SON1141L, SON1212, SON1864 to SON2122C, SON2112C, SON2834; *Course description change; Delivery method change* to "Hands on experience at GCHE, with simulators under the direct guidance of an instructor." Rationale is that the Sonography program has an AS degree as an admission requirement, thus the courses should merit the level.

SON1170 and SON1170L - Sonography of the Circulatory System and Lab; *Course # change* to SON2170C; *Name change* to Sonography of the Circulatory System; *Credit hour change* from 3 to 2; *Contact hour change* from 30 lecture and 60 lab to 15 lecture and 45 lab; *Pre-requisites change* from SON1141, SON1141L, SON1212, SON1864 to SON2000, SON2211, SON2113, SON2804, SON2212, SON2121C, SON2814; *Co-requisites change* from SON1170L, SON1215, SON1400, SON1824 to SON2400, SON2824; *Course description change*; Rationale is that the Sonography program has an AS degree as an admission requirement, thus the courses should merit the level.

SON1211 - Medical Sonographic Physics I; *Course # change* to SON2211; *Pre-requisites change* from SON1100, SON1111, SON1111L, SON1121, SON1121L, SON1214, SON1804 to "admission into the program"; *Co-requisites change* from SON1112, SON1112L, SON1122, SON1122L, SON1814 to SON2000, SON2113, SON2804 ; *Course description change;* Rationale is that the Sonography program has an AS degree as an admission requirement, thus the courses should merit the level.

SON1212 - Medical Sonographic Physics II; *Course # change* to SON2212; *Pre-requisites change* from SON1112, SON1112L, SON1122, SON1122L, SON1211, SON1814 to SON2000, SON2211, SON2113, SON2804; *Co-requisites change* from SON1141, SON1141L, SON1864 to SON2111C, SON2121C, SON2814; Rationale is that the Sonography program has an AS degree as an admission requirement, thus the courses should merit the level.

SON1400 - Introduction to Echocardiography; *Course # change* to SON2400; *Pre-requisites change* from SON1141, SON1141L, SON1212 and SON1864 to SON2000, SON2211, SON2113, SON2804, SON2212, SON2121C, SON2111C, SON2814; *Co-requisites change* from SON1170, SON1170L, SON1215, SON1824 to SON2170C, SON2824; *Course description change*

SON1804 - Clinical Experience I; *Course # change* to SON2804; *Credit hour change* from 3 to 1; *Contact hour change* from 360 to 120 clinical; *Co-requisites change* from SON1100, SON1111, SON111L, SON1121, SON1121L, SON1214 to SON2000, SON2211, SON2113 *Course description change*; *Delivery method change*: This will be the first exposure the student will have in the professional Sonography world and will largely consist of observation only.

SON1814 - Clinical Experience II; *Course # change* to SON2814; *Credit hour change* from 3 to 2; *Contact hour change* from 360 to 240 clinical; *Pre-requisites change* from SON1100, SON1111, SON1111L, SON1121, SON1121L, SON124, SON1804 to SON2000, SON2211, SON2113, SON2804; *Co-requisites change* from SON1112, SON1112L, SON1122, SON1122L, SON1211 to SON2212, SON2121C, SON2111C; *Course description change*

SON1824 - Clinical Experience III; *Course # change* to SON2824; *Pre-requisites change* from SON1141, SON1141L, SON1212, SON1864 to SON2000, SON2211, SON2113, SON2804, SON2212, SON2121C, SON2111C, SON2814; *Co-requisites change* from SON1170, SON1170L, SON1215, SON1400 to SON2170C, SON21400; *Course description change*

RTE1000 - Orientation to Radiography; *Credit hour change* from 4 to 3; Course description change; Course Learning Outcome change; Course Content change

RTE1804 - Radiographic Clinical Education; *Credit hour change* from 1 to 2; *Contact hour change* from 120/semester to 240/semester; Course description change
Course Learning Outcome change; Course Content change

RTE1458 - Principles of Radiographic Exposure II; *Credit hour change* from 2 to 3; Course description change; Course Learning Outcome change; Course Content change

RTE1613 - Radiation Physics; *Credit hour change* from 4 to 2; Course description change; Course Learning Outcome change; Course Content change

GRA 1103C - Computer Based Design I; *Pre-requisites change* from GRA 1131C and GRA 1206 to GRA 1131C, GRA 1206C, and PGY 2801C; *Adding Co-requisite* GRA 2121

GRA 1105C - Computer Based Design II; *Credit hour change* from 3 credit hours to 4 credit hours; *Pre-requisites change* from GRA 1103C, GRA 1131C, GRA 2106 to GRA 1103C; *Course content change*

GRA 2121 - Professional Desktop Publishing; *Course Name change* from Professional Desktop Publishing to Publication Design; *Pre-requisites change* from GRA1131C to GRA 1131C, GRA 1206C, and PGY 2801C; *Course content change*

Foreign Language waivers for Disability Support Services Students – The legislation will require students to complete two years of foreign language in high school or two semesters in college prior to transferring to the university. Two course substitutions will be used for the foreign language requirements.

OST 1719 – Advanced Word Processing; *Course name change* to Advanced Document Processing and *Course Description change*.

CGS 1030 – Computer Basics; *Course Description change* to include a statement that students who have previously taken CGS 1060, CGS 2100, CTS 1220C, CTS 1230C, CTS 2225C, or CTS 2431C and earned a "C" or better may not take CGS 1030.

CGS 2100 – Microcomputer Applications for Business; *Course Description change* to include statement that the course is primarily designed for students planning to major in business or a related field. Students are expected to have keyboarding skills and prior computer knowledge.

CAP 2023 - Introduction to Game Programming; *Course change* to offer course in Fall semesters only because there is not enough demand to offer every semester.

CAP 2024 – Advanced Game Programming; *Course change* to offer course in Spring semesters only because there is not enough demand to offer every semester. *Course description* change as well.

CGS 1540 – Database Concepts; *Course number change* to CGS 2540 because the learning outcomes warrant a higher number.