

Palm Beach State College
Curriculum Committee Agenda (*Revised 1/26/16*)
January 28, 2016

FA - Possible Financial Aid Action Warranted

Welcome

I. Approval of January 14, 2016 Minutes

Discussion: None

Data sources consulted: Minutes

Action:

II. For Your Information (Separate document for September meeting)

CCE/Avocation Course Action January 5th through January 26th, 2016

<i>New Avocational and CCE Courses</i>	<i>Title</i>	<i>Clock Hours</i>
<i>HEO0260</i>	<i>Understanding Infant/Toddler Language Development through GOLD</i>	<i>10</i>
<i>HEO0261</i>	<i>Understanding Infant/Toddler Social and Emotional Development through GOLD</i>	<i>10</i>
<i>LUO0174</i>	<i>Second Chances</i>	<i>36</i>
<i>POO0551</i>	<i>Commercial Vehicles: Beyond the Basics</i>	<i>16</i>
<i>TAO0355</i>	<i>Mastercam Mill Design and Toolpaths Associates Prep</i>	<i>70</i>

VPAA Action

GEB2930 to GEB2941 GEB2930 was created as a Business Capstone course but the number assignment from Statewide Course Numbering (SCNS) was not in line with the other Capstone courses offered at the College. The VPAA approved resubmitting the course to SCNS for number reassignment to GEB2941 (_941) so completer reporting will be more accurate. The change will be effective May 2016 (20163). *Programs affected are Business Administration and Management AS (2039A/B/C, Business Entrepreneurship AS (2040) and Industrial Management Technology AS (2224)*

Minutes Correction

1/14/15 CC-IV. B Course actions should read:

- HUS1850L Field Work in Human Services 1 Internship (**Change course number to HUS1850C**, title to Field Work/Internship in Human Services 1, Remove HUS1850 as a coreq; change contact hours from 9 lab hours to 1 lecture hour/9 lab hours, revise course description and course learning outcomes, add program limit codes of 2345, 2391, 2374, 6361, 6362, 6387) 3
- HUS2851L Field Work in Human Services 2 Internship (**Change course number to HUS2851C**, title to Field Work/Internship in Human Services 2, change prereq from HUS1200 or HUS1302 or HUS1308 to HUS1850C; remove HUS2851 as a coreq; change contact Hours from 9 lab hours to 1 lecture hour/9 lab hours, revise course description and course learning outcomes, add program limit codes of 2345, 2391, 2374, 6361, 6362, 6387) 3

11/19/15 CC-IV.F. Originally proposed and approved by Deans' Council in January 2015the following course was approved by Deans Council for development but overlooked in the final revised curriculum action. Course is needed as a Technical Elective for Engineering Technology AS-Advanced Technology Concentration.

New Course

Effective August 2016 (20171)

- EGS2122 Geometric Tolerancing and Dimensioning (2 credits, 2 lecture contact hours, AW grading system, Prereq: ETM1010C with a grade of C or higher) 2

Housekeeping

Professional Pilot VA SAA Compliance-Due to recent communication from the Veterans Administration State Approving Agency (SAA) regarding questions posed by Palm Beach State related to new compliance requirements and the Professional Pilot program which is in teach-out at Palm Beach State, the following will be enacted immediately:

The SAA acknowledges that PBSC is unable to remove the Private Pilot courses from the Aeronautical Science degrees as required by the new compliance requirement since they are in teach-out. The SAA agreed with the recommendation to stop allowing students to register for or continue in the affected courses by the established mandatory deadline of August 16, 2016, to meet the VA need for compliance to the new requirement.

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The last semester for identified Private Pilot courses will be 2016-3 (Starting May, 2016). Palm Beach State will ensure this information is communicated to all cohort students immediately. Also, students currently in the Aeronautical Science degree programs must maintain continuous enrollment in the program during fall and spring semesters to maintain continued VA eligibility in the program.

The courses affected by this decision are:

Last Term Offered May 2016 (20163)

- ATT1100 Private Pilot Ground School (AS) 3 credits
- ATF1111A Private Pilot Flight 1 - Airplane - Ground (AS) 2 credits
- ATF1112A Private Pilot Flight 2 - Airplane - Flight (AS) 2 credits
- ATF1140A Private Pilot Flight 1 - Helicopter - Ground (AS) 2 credits
- ATF1142A Private Pilot Flight 2 - Helicopter - Flight (AS) 2 credits

All students must complete the courses before August 16, 2016. A note will be added to the online catalog for each of these courses of this action and communicated to all students affected.

III. Old Business

Discussion: NA

Data sources consulted: Curriculum Support Documents

Action:

IV. New Business

Credits/Clock Hours

A. Bachelor Programs

Bachelor of Applied Science-Information Management-Project Management Concentration

Revised Courses

Effective August 2016 (20171)

GEB4940C Supervision and Management Internship (BAS) (Add Program code Limit T804)

3

Revised Program

Effective August 2016 (20171)

Current Information Management-Project Management BAS (T804)			Proposed Information Management-Project Management BAS (T804)		
Courses From A.S./A.A.S. Degree		Credits: 42	Courses From A.S./A.A.S. Degree		Credits: 42
	Courses from A.A./A.A.S. degree Lower division details.	42		Courses from A.A./A.A.S. degree Lower division details.	42
General Education Courses		Credits: 36	General Education Courses		Credits: 36
	General Education Courses (Transferable)	36		General Education Courses (Transferable)	36
Upper Division Common Core Courses		Credits: 21	Upper Division Common Core Courses		Credits: 21
BUL3130	Legal and Ethical Environment of Business	3	BUL3130	Legal and Ethical Environment of Business	3
COP3530	Programming Languages and Concepts	3	COP3530	Programming Languages and Concepts	3
GEB3213	Business Writing	3	GEB3213	Business Writing	3
FIN3400	Principles of Financial Management	3	FIN3400	Principles of Financial Management	3
ISM3113	Systems Analysis and Design	3	ISM3113	Systems Analysis and Design	3
ISM3212	Database Management Systems	3	ISM3212	Database Management Systems	3
ISM3314	Project Management	3	ISM3314	Project Management	3
Concentration Area Required Courses		Credits: 18	Concentration Area Required Courses		Credits: 15
ISM4313	Managing IT Integration	3	ISM4313	Managing IT Integration	3

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ISM4312	Project and Change Management	3	ISM4312	Project and Change Management	3
ISM4332	IT Project Schedule and Cost Control	3	ISM4332	IT Project Schedule and Cost Control	3
MAN4520	Quality Management Control	3	MAN4520	Quality Management Control	3
MAN4574	Acquisitions Management	3	MAN4584	Project Risk Management	3
MAN4584	Project Risk Management	3	Concentration Electives (Select 3 credits)		Credits: 3
Concentration Capstone Course		Credits: 3	MAN4574	Acquisitions Management	(3)
ISM4881	Capstone Experience: Project Management	3	GEB4940C	Supervision and Management Internship	(3)
Total Program Credits: 120			Concentration Capstone Course		Credits: 3
*Some courses in this concentration area are offered as hybrid courses which require on-campus attendance.			ISM4881	Capstone Experience: Project Management	3
			Total Program Credits: 120		
			*Some courses in this concentration area are offered as hybrid courses which require on-campus attendance.		

Justification: Bachelor students will have an elective option to have an internship as part of their program of study. This is in response to input from the marketplace that indicates a need for program graduates to have more hands on experience.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

B. Creative Arts And Communications

Interior Design AS

New Courses

Effective August 2016 (20171)

IND1XXX	Building Systems (3 credits, 3 lecture hours, AW grading system, no pre/coreqs)	3
IND2XXXC	Interior Detailing (4 credits, 3 lecture, 2 lab contact hours, AW grading system, prereq IND1234C, IND2460C with grade of C or higher, \$5 special fee)	4

Revised Courses

Effective August 2016 (20171)

IND1234C	Design Studio 2 (corequisite will change from IND2424C to IND2460C with a grade of C or Higher, <i>reduce special fee to \$5</i>)	4
IND1401C	Technical Design 1 (Change title to Technical Design, <i>reduce special fee to \$5</i>)	4
IND2237C	Design Studio 3 (Change Prerequisites IND1234C, IND2424C to IND1234C, IND2460C (with A Grade of C or higher); revise course description, <i>change software from CAD to Sketchup</i>)	4
IND2307C	Interior Design Graphics (Change credits from 3 to 4; contact hours from 2 lecture/2 lab to 3 lecture/2 lab contact hours, revise course description, <i>change software from CAD to Sketchup</i>)	3
IND2432C	Interior Lighting (Change Prerequisites: IND1234C, IND2424C to IND1234C, 2460C (with a Grade of C or higher), revise course description, <i>change software from CAD to Sketchup</i>)	3
IND2505	Professional Practices (Add prereq of IND2237C with a grade of C or higher)	3
IND2608C	Sustainable Design (Remove "C" from course number, change contact from 2 lecture; 2 lab to 3 lecture hours for 3 credits, remove \$20 special fee)	3

Deleted Courses

Last Term Offered

IND2202C	Kitchen & Bath Design	January 2018 (20182)	4
IND2424C	Technical Design 2	May 2017 (20173)	4

Revised Program

Effective August 2016 (20171)

Current Interior Design Technology AS		Proposed Interior Design Technology AS	
General Education	Credits: 15	General Education	Credits: 15

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ARH1000	Art Appreciation		ARH1000	Art Appreciation	
	-or-			-or-	
	Any course from Humanities - Area II	3		Any course from Humanities - Area II	3
ENC1101	College Composition I	3	ENC1101	College Composition I	3
SPC1017	Fundamentals of Speech Communication	3	SPC1017	Fundamentals of Speech Communication	3
PSY2012	General Psychology		PSY2012	General Psychology	
	-or-			-or-	
	Any course from Social Science - Area V	3		Any course from Social Science - Area V	3
	Any course from either Mathematics - Area III or			Any course from either Mathematics - Area III or	
	Natural Sciences - Area IV, Tier 1 & 2	3		Natural Sciences - Area IV, Tier 1 & 2	3
Required Courses		Credits: 60	Required Courses		Credits: 60
IND1233C	Design Studio 1	4	IND1233C	Design Studio 1	4
IND1234C	Design Studio 2	4	IND1234C	Design Studio 2	4
IND1401C	Technical Design 1	4	IND1401C	Technical Design	4
IND1935	Building and Barrier Free Codes	3	IND1935	Building and Barrier Free Codes	3
IND2100	History of Interiors 1	3	IND1XXX	Building Systems	3
IND2130	History of Interiors 2	3	IND2100	History of Interiors 1	3
IND2202C	Kitchen and Bath Design	4	IND2130	History of Interiors 2	3
IND2237C	Design Studio 3	4	IND2237C	Design Studio 3	4
IND2238C	Design Studio 4	4	IND2238C	Design Studio 4	4
IND2307C	Interior Design Graphics	3	IND2307C	Interior Design Graphics	4
IND2420	Materials, Estimating and Specifications	3	IND2420	Materials, Estimating and Specifications	3
IND2424C	Technical Design 2	4	IND2432C	Interior Lighting	3
IND2432C	Interior Lighting	3	IND2460C	CAD for Interiors 1	3
IND2460C	CAD for Interiors 1	3	IND2505	Professional Practices	3
IND2505	Professional Practices	3	IND2608C	Sustainable Design	3
IND2608C	Sustainable Design	3	IND2941	Interior Design Internship	2
IND2941	Interior Design Internship	2	IND2463C	CAD for Interiors 2	3
IND2463C	CAD for Interiors 2	3	IND2XXXXC	Interior Detailing	4
Total Program Credits: 75			Total Program Credits: 75		

Justification: IND1XXX Building Systems This course will include and replace content on building systems found in IND2424C Technical Design 2 (course to be deleted). Student learning expectations will include the understanding that design solutions affect and are impacted by structural/non-structural systems and distribution/service systems as well as be able to read and interpret construction drawings and documents. IND2XXXXC Interior Detailing: This course will include content on interior construction, millwork, and cabinetry found in IND2424C Technical Design 2 (course to be deleted). In addition, it will introduce students to materials used for millwork and custom furnishings, methods of joinery, and hardware types. Students will prepare detailed working drawings for built-in cabinets, freestanding custom furniture and interior detailing. IND1234C- The corequisite will change from IND2424C to IND2460C (C). In this course, students will learn how to produce construction and presentation drawings which will be developed for the final project in IND1234C as well as in following semester's studio courses. IND1401C This course was part one of a two-course sequence. The second course in the sequence will be deleted. Therefore, there is no need for the "1" after the course title. IND2202C Kitchen & Bath Design was a course that was part of the program's NKBA Accreditation. Since we no longer have this accreditation, the course is not required. It's important to note that the material covered in the Kitchen & Bath course is taught in IND1233C Design Studio 1 and IND1234C Design Studio 2, both residential studios. IND2424C- IND2424C Technical Design 2 is a manual drafting course that will be eliminated and its content will be covered under IND2460C CAD for Interiors 1 (construction documents and specifications), IND1XXX Building Systems (technical aspects of structure and MEP systems), and IND2XXXXC Interior Detailing (millwork). IND2460C is an existing course; IND1XXX Building Systems (3 cr.) and IND2XXXXC Interior Detailing (4 cr.) are new courses.

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IND2307C Both courses that will be deleted (IND2424C and IND2202C) are 4 credits each. The two new courses that will be added will total 7 credits which leaves one credit to distribute (program must maintain a total of 75 credits). Allocating the additional credit in IND2307C will provide additional contact hours necessary to develop a more comprehensive course which now teaches both manual and 3D computer rendering. IND2432C IND2424C prerequisite for this course will be deleted. The new prerequisite is existing course IND2460C. In IND2432C, students will develop and produce digital construction and presentation drawings which is taught in IND2460C. IND2505 Professional Practices does not have a prerequisite. The course covers portfolios, an important component in a job interview. As such and since this course is part of the last semester sequence, students will create a digital portfolio as one of the requirements for the class. Therefore, students need to have completed ¾ of the program in order to develop a diversified product and which will required the completion of IND2237C Design Studio 3. IND2608C- The program's commercial studios (IND2237C and IND2238C) include the application of sustainable practices and strategies. These studio courses are project-based and better suited for students to apply the concepts and theories of sustainability. Therefore, a lab/studio component in IND2608C is not required.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

C. Health Science

1. Massage Therapy PSAV

New Courses

Effective August 2016 (20171)

MSS0000 Introduction to Massage Therapy (78 clock hours, SU Grading system, *TABE Math-9, Reading-10, Language-10, program code limit 5232, special fee \$25*) 78

Revised Courses

Effective January 2017 (20172)

MSS0252 Massage Therapy 1 (*Change prereq of HSC0003 to MSS0000; revise course description and course learning outcomes*) 200
MSS0262 Massage Therapy 2 (*Revise course description and course learning outcomes*) 235

Effective May 2017 (20173)

MSS0263 Massage Therapy 3 (*Revise course description and course learning outcomes*) 237

Revised Program

Effective August 2016 (20171)

Current Massage Therapy PSAV 5232			Proposed Massage Therapy PSAV 5232		
Required Courses		Clock Hours: 750	Required Courses		Clock Hours: 750
HSC0003	Health Care Concepts	78	MSS0000	Introduction to Massage Therapy	78
MSS0252	Massage Therapy 1	200	MSS0252	Massage Therapy 1	200
MSS0262	Massage Therapy 2	235	MSS0262	Massage Therapy 2	235
MSS0263	Massage Therapy 3	237	MSS0263	Massage Therapy 3	237
Total Program Clock Hours: 750			Total Program Clock Hours: 750		

Justification: MSS0000 and Massage Therapy PSAV Program Revision This curriculum action is being done to replace HSC0003 Healthcare Concepts (78 clock hours) in the Massage Therapy PSAV program with MSS0000 Introduction to Massage Therapy (78 clock hours) in order to provide direct and enhanced application of the same state mandated Health Care Concepts competencies for the massage therapy student which will assure student retention and success. The program will integrate the HSC0003 competencies into the new course MSS0000, and the existing courses MSS0252, MSS0262 and MSS0263. This is allowed by FLDOE.

Discussion:

Data sources consulted: Curriculum Support Documents

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Action:

2. Medical Assisting PSAV

New Courses

Effective May 2016 (20163)

MEA0005	Introduction to Medical Assisting (78 clock hours, grading system AW, TABE scores Reading 10, Math 10, Language 10, Medical Accident/Standard Liability Insurance, special fee \$10)	78
MEA0231	Anatomy and Physiology (69 clock hours, grading system AW, TABE scores Reading 10, Math 10, Language 10)	69

Revised Program

Effective May 2016 (20163)

Current Medical Assisting PSAV (5236)			Proposed Medical Assisting PSAV (5236)		
Required Courses		Clock Hours: 1,340	Required Courses		Clock Hours: 1,330
HSC0003	Health Care Concepts	78	MEA0005	Introduction to Medical Assisting	78
PRN0022	Body Structure and Function	69	MEA 0231	Anatomy and Physiology	69
MEA0230	Medical Terminology for Body Systems	95	MEA0230	Medical Terminology for Body Systems	95
OTA0100	Introduction to Keyboarding/ Word Processing	60	OTA0100	Introduction to Keyboarding/ Word Processing	60
MEA0310	Introduction to Medical Office Procedures	90	MEA0310	Introduction to Medical Office Procedures	90
MEA0520	Phlebotomy for the Medical Assistant	75	MEA0520	Phlebotomy for the Medical Assistant	75
MEA0242	Pharmacology for the Medical Assistant	95	MEA0242	Pharmacology for the Medical Assistant	95
MEA0540	Electrocardiography for the Medical Assistant	75	MEA0540	Electrocardiography for the Medical Assistant	75
MEA0234	Diseases, Disorders, and Treatment for Medical Assisting 1	120	MEA0234	Diseases, Disorders, and Treatment for Medical Assisting 1	120
MEA0258	Radiology for the Medical Assistant	50	MEA0258	Radiology for the Medical Assistant	50
MEA0334	Medical Insurance and Coding	75	MEA0334	Medical Insurance and Coding	75
MEA0237	Diseases, Disorders, and Treatment for Medical Assisting 2	120	MEA0237	Diseases, Disorders, and Treatment for Medical Assisting 2	120
MEA0254	Basic Medical Laboratory Techniques for the Medical Assistant	50	MEA0254	Basic Medical Laboratory Techniques for the Medical Assistant	50
MEA0322	Advanced Medical Office Procedures	75	MEA0322	Advanced Medical Office Procedures	75
MEA0801	Externship in Medical Assisting	173	MEA0801	Externship in Medical Assisting	173
Total Program Clock Hours: 1,300			Total Program Clock Hours: 1,300		

Justification: Medical Assisting PSAV Program/Course Actions- Medical Assisting Program is currently Limited Access and will remain Limited Access. HSC0003 and PRN 0022 are historically aligned with the Practical Nursing Program Org # and as a result, the Medical Assisting Program does not receive PHI credit for duplicate headcount for these courses. In addition, all CLO's from HSC0003 have been included in MEA 0005 and all CLO's from PRN0022 have been included in MEA0231 for direct and enhanced application of required content as it related directly to medical assisting in order to assure student retention and success. Clock hours for MEA0005 will remain the same as HSC0003 (78 hrs.) and clock hours for MEA0231 will remain the same as PRN0022 (69 hrs.). There is no change to the overall program clock hours.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

3. Surgical Technology PSAV

Revised Courses

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STS0003	Introduction to Surgical Technology (Clock hours changed from 96 to 144; add coreq from none to STS0003L with a grade of C; revise course learning outcomes)	96
STS0003L	Introduction to Clinical Practicum (Clock hours change from 48 to 144; change grading to AN; add STS0003 with a grade of C as coreq, addition of course learning outcomes)	48
STS0008	Pharmacology for the Surgical Technologist (Revise clock hours from 48 to 32, remove Medical Accident/Standard Liability insurance)	48
STS0120	Surgical Specialties 1 (Change clock hours from 32 to 48)	32
STS0121	Surgical Specialties 2 (Change clock hours from 32 to 48)	32
STS0150C	Surgical Technology Procedures (change clock hours from 96 to 32 hours; contact hours to 16 lab/16 clinical, revise course learning outcomes)	96
STS0255L	Surgical Specialties 1 Clinical (Change clock hours to 441)	184
STS0256L	Surgical Specialties 2 Clinical (Change clock hours to 441, course description update)	184

Deleted Courses

	Last Term Offered	
STS 0005C	Principles of Asepsis	May 2016 (2016-3) 96
STS 0155L	Operating Room Technique	May 2016 (2016-3) 96
STS 0805	Perioperative Anatomy and Medical Terminology	May 2016 (2016-3) 48
STS 0805L	Perioperative Anatomy Lab	May 2016 (2016-3) 48
STS 0949C	Clinical Practicum	May 2016 (2016-3) 185

Revised Program

Effective Date August 2016 (20171)

Current Surgical Technology PSAV (5235)			Proposed Surgical Technology PSAV (5235)		
Required Courses		Clock Hours: 1,340	Required Courses		Clock Hours: 1,330
HSC0003	Health Care Concepts	78	STS0003	Introduction to Surgical Technology	144
PRN0022	Body Structure and Function	69	STS0150C	Surgical Technology Procedures	32
STS0003	Introduction to Surgical Technology	96	STS0008	Pharmacology for the Surgical Technologist	32
STS0155L	Operating Room Technique	96	STS0003L	Introduction to Clinical Practicum	144
STS0005C	Principles of Asepsis	96	STS0120	Surgical Specialties 1	48
STS0150C	Surgical Technology Procedures	96	STS0255L	Surgical Specialties 1 Clinical	441
STS0805	Perioperative Anatomy and Medical Terminology	48	STS0121	Surgical Specialties 2	48
STS0805L	Perioperative Anatomy Lab	48	STS0256L	Surgical Specialties 2 Clinical	441
STS0008	Pharmacology for the Surgical Technologist	48	Total Program Clock Hours: 1,330		
STS0003L	Introduction to Clinical Practicum	48			
STS0120	Surgical Specialties 1	32			
STS0255L	Surgical Specialties 1 Clinical	184			
STS0121	Surgical Specialties 2	32			
STS0256L	Surgical Specialties 2 Clinical	184			
STS0949C	Clinical Practicum	185			
	(4 Clinical days per week for 6 weeks)				
Total Program Clock Hours: 1,340					

Justification: Surg Tech PSAV Program is currently Limited Access and will remain Limited Access. Health Science Learning Outcomes redistributed to remaining STS courses, hours reallocated as well. Also, correct the overall clock hours from 1340 to 1330 per DOE curriculum frameworks. STS0003/STS0003L- Removal duplication of material from HSC0003, PRN0022, STS0005C, STS0805 and incorporate all competencies into STS0003 for direct and enhanced application of required didactic content which will provide more hours needed for clinical components in order to assure student retention and success. STS0008- Reduction in clock hours to accurately reflect time required to cover course content. STS0150C- Reduction in clock hours to accurately reflect time required to cover cause content. Previous CLO's incorporated into STS 0003L.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

D. Science and Environment

1. Environmental Science AS

New Program

Effective August 2016 (20171)

Hazardous Materials Specialist CCC (CIP 0703010403)		
Required Courses		Credits: 14
EVS2193C	Environmental Sampling Techniques	4
EVS2601	Hazardous Materials and Environmental Air Quality	3
CHM1045	Principles of Chemistry 1	3
CHM1045L	Principles of Chemistry Lab 1	1
* MAC1105	Intermediate Algebra	3
Total Program Credits: 14		
<i>* Non-exempt students registering in this course will need to provide adequate placement scores to enroll. All courses used for General Education must be completed with a grade of "C" or higher.</i>		

New Program

Effective August 2016 (20171)

Environmental Science Technician CCC (0703010407)		
Required Courses		Credits: 30
*ENC1101	College Composition 1	3
BSC1010	Principles of Biology 1	3
BSC1010L	Principles of Biology 1 Lab	1
EVR1001	Introduction to Environmental Science	3
CHM1045	General Chemistry 1	3
CHM1045L	General Chemistry 1 Lab	1
*MAC1105	Intermediate Algebra	3
GLY2030C	Environmental Geology	3
EVS2193C	Environmental Sampling Techniques	4
EVS2601	Hazardous Materials and Environmental Air Quality	3
EVS2020	Scientific Monitoring and Data Methods	3
Total Program Credits: 30		
<i>* Non-exempt students registering in these courses will need to provide adequate placement scores to enroll. All courses used for General Education must be completed with a grade of "C" or higher.</i>		

Justification: The Hazardous Materials Specialist CCC is part of the Environmental Science Technology - AS program. Encouraging student completion of this CCC will create a pool of individuals in the county prepared to handle incidents related to hazardous materials such as coastal oil spills (ex. Deep Water Horizon spill). This CCC will help to make our students more marketable for work related to environmental remediation. This new CCC will offer students in the Environmental Science AS program early recognition for accomplishing this specialized training. The Environmental Science Technician CCC makes up a portion of the Environmental Science Technology AS program. A College Credit Certificate would reward the students with a certificate as they complete the core courses progressing toward the AS degree. The certificate would also be recognized on their resume before they complete the AS program and make the student potentially more employable for local internships, potentially provide them with early entry into the workforce, and potentially allow them to respond to a demand for trained and certified workers in the event of a hazardous materials

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incident. Additionally, this certificate incorporates general education courses that cover general employability skills, as well as technical-based skills and foundational knowledge required for Environmental Science career opportunities

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

2. Landscape and Horticulture Management AS

Revised Courses

Effective August 2016 (20171)

BOT1010	General Botany (add BOT1010L (D) as coreq to course)	3
BOT1010L	General Botany Lab (add BOT1010 (D) as coreq to course)	1

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Current Landscape/Horticulture Management AS			Proposed Landscape/Horticulture Management AS		
General Education		Credits: 19	General Education		Credits: 19
ENC1101	College Composition 1	3	ENC1101	College Composition 1	3
BOT1010	General Botany	3	BOT1010	General Botany	3
BOT1010L	General Botany Lab	1	BOT1010L	General Botany Lab	1
	Any course from Mathematics - Area III	3		Any course from Mathematics - Area III	3
SPC1017	Fundamentals of Speech Communication	3	SPC1017	Fundamentals of Speech Communication	3
	Any course from Humanities - Area II	3		Any course from Humanities - Area II	3
	Any course from Social Science - Area V	3		Any course from Social Science - Area V	3
Required Courses		Credits: 33	Required Courses		Credits: 33
GCO2230	Pumping and Irrigation Systems	3	GCO2230	Pumping and Irrigation Systems	3
PMA2213	Plant Pest Management	3	PMA2213	Plant Pest Management	3
MAN2021	Principles of Management		MAN2021	Principles of Management	
	-or-			-or-	
MNA2345	Principles of Supervision		MNA2345	Principles of Supervision	
	-or-			-or-	
ENT1000	Fundamentals of Entrepreneurship	3	ENT1000	Fundamentals of Entrepreneurship	3
BOT2000	Plant Physiology	3	BOT2000	Plant Physiology	3
ORH2510	Ornamental Plant Identification 1	3	ORH2510	Ornamental Plant Identification 1	3
HOS1010	Introduction to Horticulture	3	HOS1010	Introduction to Horticulture	3
LDE2000	Introduction to Landscape Design	3	LDE2000	Introduction to Landscape Design	3
ORH1016	Environmental Issues in Horticulture	3	ORH1016	Environmental Issues in Horticulture	3
PLS2220	Plant Propagation	3	PLS2220	Plant Propagation	3
SWS1102	Soils and Fertilizers	3	SWS1102	Soils and Fertilizers	3
ORH2511	Introduction to Plants of South Florida Ecosystems	3	ORH1005L	Professional Landscape Installation and Maintenance	3
Electives - Choose 12 credits*		Credits: 12	Electives - Choose 8 credits*		Credits: 8
ORH2515	Plants of the South Florida Ecosystems - Grasses, Sedges, Rushes, and Grass-Like Native Plants	(1)	ORH2515	Plants of the South Florida Ecosystems - Grasses, Sedges, Rushes, and Grass-Like Native Plants	(3)
ORH2521	Horticultural Taxonomy	(3)	ORH2521	Horticultural Taxonomy	(3)
LDE2510	Computer-Aided Landscape Design	(3)	LDE2510	Computer-Aided Landscape Design	(3)
ORH1512	Plant Selections for Landscape Situations	(3)	ORH1512	Plant Selections for Landscape Situations	(3)
ORH2949C	Ornamental Horticulture Work Experience/Internship	(3)	ORH2949C	Ornamental Horticulture Work Experience/Internship	(3)
BSC1010	Principles of Biology 1	(3)	BSC1010	Principles of Biology 1	(3)

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BSC1005	Concepts in Biology	(3)	BSC1005	Concepts in Biology	(3)
ORH1005L	Professional Landscape Installation and Maintenance	(3)	ORH2511	Introduction to Plants of South Florida Ecosystems	(3)
ORH1320	Introduction to Palms and Their Culture	(3)	ORH1320	Introduction to Palms and Their Culture	(3)
ORH1840	Landscape Construction	(3)	ORH1840	Landscape Construction	(3)
ORH2251	Florida Horticulture Professional Preparation	(3)	ORH2251	Florida Horticulture Professional Preparation	(3)
ORH2241	Arboriculture	(3)	ORH2241	Arboriculture	(3)
Total Program Credits: 64			SLS1302	Career information and Decision Making	(1)
<i>* Completed courses can only be used to meet one program requirement.</i>			SLS1303	Job Search	(1)
			SLS1501	Introduction to the College Experience	(3)
			Total Program Credits: 60		
			<i>* Completed courses can only be used to meet one program requirement.</i>		

Justification: The DOE mandatory reduction of credits of the Landscape and Horticulture Management AS to 60 credits requires for the following actions- 1) The reduction of the number of electives needed in the program from 12 to 8 credits. 2.) In order for a student to be able to be completed this degree at exactly 60 credits several 1 credit courses related to job search and employability, were added to the elective list. 3.) SLS1501 Introduction to the College Experience was added as an elective option because many first-time students associate degree students already take it, so they could use it as an elective and as long as the course is listed in the program course listing, it will be allowed by financial aid. 4.) ORH2515 is a 3 credit course but is listed incorrectly in the catalog for this program so it is being corrected. 5.) Back in 2002, since BOT1010/L General Botany and its Lab were only used by students in the Landscape and Horticulture program, the cluster voted to remove them as coreqs. After some time as separate courses, Dr. Rogers has found that the students are better prepared for the program if they are required to complete both the lecture and the lab courses together as coreqs. He is asking to reinstate the coreq status of these two courses. 6.) The Horticulture Advisory Committee recommended that students needed more hands-on skills especially the use of equipment within the courses listed for the Landscape and Horticulture Management AS degree. To that end they recommended that ORH1005L Professional Landscape Installation and Maintenance (3) be switched from an elective course to a required course within the program. To keep the program within the required 60 credits, the current required course ORH2511 Introduction to Plants of South Florida Ecosystems (3) would be moved to elective course status

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

E. Motion to Dismiss

Discussion: NA

Action:

The Curriculum agendas and documentation are at <http://intranet.pbcc.edu/AcadServ/CurriculumMaterials.asp> and Curriculum Minutes <http://www.palmbeachstate.edu/curriculum-development/minutes.aspx> are posted online.

The Curriculum Committee meetings will be held in ETA 101 in Lake Worth and will be available for members and presenters in the reserved conference rooms at the other college locations. (Belle Glade CRA 105.3, Boca Raton AD 406, Lake Worth ETA 101, and Palm Beach Gardens AD 207)

Location Attendance

Location	Committee	Presenters	Faculty	Staff	Administrators
BG					
BR					
LW					
PBG					

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Attendance	Faculty and Instructors
	Victor Aikhionbare, Political Science -1 st Year LW
	Lauren Chambers, English/Lit-1st Year PBG
	Cheryl Christensen, Natural Science-1st Year BR
	Zenaida Espinosa, Interior Design-1st Year LW
	Tod Fairbanks, Microbiology-1st Year PBG
	Elizabeth Horvath, Computer Science 1st Year LW
	Lilian Jordan, Physics-1st Year PBG
	Cynthia Judd, Chemistry-1st Year PBG
	Richard Shreve, Chemistry-1st Year BR
	Doreen Singer, Surgical Technology PSAV-3rd Year LW CHAIR
	Michele Tiggle, BAS Health Adm-1st Year District
	Debra Trigoboff, Education-1st Year BR
	Administrative Members
	Susan Bierster, Acting Dean- Acting Dean Curriculum and Educational Technology -1st Year District
	Robert Gingras, Academic Assoc Dean-1st Year PBG
	Henry Ponciano, Student Serv. Asst. Dean-2nd Year PBG
	Teresa Armas, Financial Aid Specialist
	Amy McDonald, District Registrar
	Kathleen Karran-Mccoy, Student Services Asst. Dean, (Non-voting)
	Kathy Gamble, Academic Services (Non-voting)

Presenters:

Guests:

Degree Type	Program Action			Course Action		
	New	Rev	Delete	New	Rev	Delete
BAS/BS						
AA						
AS						
ATC						
ATD						
CCC						
College Prep						
PSAV						
TOTAL						