

Palm Beach State College
Curriculum Committee Agenda
March 29, 2018 (Revised 03/27/18)

FA - Possible Financial Aid Action Warranted

Welcome

I. Approval of January 25, 2018 Minutes

Discussion: None

Data sources consulted: Minutes

Action:

II. For Your Information

Curriculum Actions Effective August 2018 (20191)

To facilitate curriculum processing for actions requested for fall term effective August 2018 (20191), it is required that the course action department put these courses on hold for fall registration (starts April 18th) until notification is given from Academic Services that the course changes have been processed. If students are allowed to register for these courses, the curriculum change approved cannot be processed for Fall Term. New courses effective August 2018 will not be available until after the start of early registration.

CCE/Avocational Course Dictionary Actions January 17 through March 14, 2018

New Avocational and CCE Courses	Title	Clock Hours
POO0562	Autism Spectrum Disorder Awareness	8
TIO0516	EPA Section 609 – Motor Vehicle Air Conditioning Certification	4
TIO0701	Florida Contractors Exam Prep – Business and Finance – All Contractor Trades	24
TIO0968	Chemical Peels – An Esthetic Procedure	6
TIO0969	Massage Techniques for Estheticians	5
YCO0269	Before Care 8 Weeks	64
YCO0273	Bak School of the Arts Preparatory Workshop	72
YCO0283	Dreyfoos School of the Arts Preparatory Workshop	72
YCO0291	After Care Week 1	6
YCO0292	After Care Week 2	6
YCO0293	After Care Week 3	6
YCO0294	After Care Week 4	6
YCO0295	After Care Week 5	4.5
YCO0296	After Care Week 6	6
YCO0297	After Care Week 7	6
YCO0298	After Care Week 8	6
YCO0299	After Care 8 Weeks	47
YCO0707	Paint the Town	48
YCO0708	No More Pencils	48
YCO0709	It Figures	48
YCO0710	Kiln It	48
YCO0711	Crime Fighters	48
YCO0712	Manipulation Nation	48
YCO0713	Design of the Times	48
YCO0714	Say Cheese	48
YCO0715	Put It on the Web	48
YCO0716	Strike a Pose	48
YCO0717	Oh the Drama	48
YCO0718	Quiet on the Set	48
YCO0719	Put It in Writing	48

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YCO0720	What's Your Emergency	48
YCO0721	What a Character	48
YCO0722	Robotics with Black Rocket	12
YCO0723	Code Breakers	12
YCO0724	Minecraft Designers	12
YCO0725	App Attack!	12
YCO0726	iPad Apps	12
YCO0740	Website Designer	12

Revised Avocational and CCE Courses	Title	Changes
AVO0391	Chinese and More in Three Weeks	Change course title from <i>Chinese 101</i> to <i>Chinese and More in Three Weeks</i> ; Change special fee from \$86.88 to \$109.88; Revise course description.
TIO0650	NCCER Core Certification	Revised course description
TIO0942	Hair Highlighting Techniques and Foil Placement	Change course title from <i>Highlighting Technique and Foil Placement</i> to <i>Hair Highlighting Techniques and Foil Placement</i> .
YCO0261	Before Care Week 1	Change course title from <i>Summer Youth Before & After Care Week 1</i> to <i>Before Care Week 1</i> ; Change clock hours from 10 to 8; Change special fee from 39.90 to \$24.92; Revise course description.
YCO0262	Before Care Week 2	Change course title from <i>Summer Youth Before & After Care Week 2</i> to <i>Before Care Week 2</i> ; Change clock hours from 10 to 8; Change special fee from \$39.90 to \$24.92; Revise course description.
YCO0263	Before Care Week 3	Change course title from <i>Summer Youth Before & After Care Week 3</i> ; Change clock hours from 10 to 8; Change special fee from \$39.90 to \$24.92; Revise course description.
YCO0264	Before Care Week 4	Change course title from <i>Summer Youth Before & After Care Week 4</i> ; Change clock hours from 10 to 8; Change special fee from \$39.90 to \$24.92; Revise course description.
YCO0265	Before Care Week 5	Change course title from <i>Summer Youth Before & After Care Week 5</i> ; Change clock hours from 10 to 6; Change special fee from \$39.90 to \$24.94; Revise course description.
YCO0266	Before Care Week 6	Change course title from <i>Summer Youth Before & After Care Week 6</i> ; Change clock hours from 10 to 8; Change special fee from \$39.90 to \$24.92; Revise course description.
YCO0267	Before Care Week 7	Change course title from <i>Summer Youth Before & After Care Week 7</i> ; Change clock hours from 10 to 8; Change special fee from \$39.90 to \$24.92; Revise course description.
YCO0268	Before Care Week 8	Change course title from <i>Summer Youth Before & After Care Week 8</i> ; Change clock hours from 10 to 8; Change special fee from \$39.90 to \$24.92; Revise course description.

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VPAA Action/DBOT Action

Evote – June 8-12, 2015 The Nursing Program put through curriculum changes that included the listing of the Program Learning Outcome in a capstone course NUR2943L. Those changes were not captured on the Program Learning Outcomes website. It is necessary to make the changes now using the 2015 curriculum committee minutes.

DBOT Approval of New/Revise/Deleted Program: The following program action was approved by PBSC District Board of Trustee.

Curriculum Date	Program Action and Effective Date	Program Length	CIP#	DBOT 2 nd Read Approval
October 26, 2017	New Program – Real Estate Sales Associate Post-Licensing PSAV 5493 effective August 2018 (20191)	45 Clock Hours	0252150101	February 20, 2018
November 30, 2017	New Program – Barbering PSAV 5395 effective August 2018 (20191)	1200 Clock Hours	0612040200	March 20, 2018

Five Year Rule Courses: BOT Policy 6Hx-18-2.08 requires a review of courses that have not had enrollment in five years. This policy requires that these courses be inactivated at Palm Beach State and inactivated on the SCNS list of courses for Palm Beach State. The following courses fall under this criteria. Those courses included in programs offered at Palm Beach State must also have related curriculum actions to remove the courses from those programs.

Inactivation of AA Courses-5-Year No Enrollment Rule Effective Fall 2018 (end termed 2018-3)		
Course ID	Course Title	Credit Hours
SPC2511	Argumentation and Debate	3

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-Supervision & Management/Information Management

Revised Courses

Effective August 2018 (20191)

HSA3110	Health Care Organizational and Management (add prereq or co-requisite MAN3240 with a grade of C or higher)	3
HSA3160	Health Care Marketing (change prereq FIN3400, GEB3213 (C) to prereq FIN3400, GEB3213, HSA4109 with a grade of C or higher)	3
HSA4553	Ethics in Health Care (add prereq or co-requisite MAN4120 with a grade of C or higher)	3

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HSA4938	Capstone Experience: Health Management (change prereq FIN3400, GEB3213 (C), This course should be taken during the last semester of the program, and requires Bachelor's department approval to prereq FIN3400, GEB3213, HSA3160 with a grade of C or higher, This course should be taken during the last semester of the program, and requires Bachelor's department approval)	3
ENT4704	International Entrepreneurship (add prereq GEB4113, FIN3400, GEB3213 with a grade of C or higher)	3
ENT4013	Planning New Ventures (add prereq GEB4113, FIN3400, GEB3213 with a grade of C or higher)	3
ENT4900	Capstone Experience: Entrepreneurship (change prereq This course should be taken during the last semester of the program, and requires Bachelor's department approval to prereq ENT4124 with a grade of C or higher & This course should be taken during the last semester of the program, and requires Bachelor's department approval)	3
ISM4117	Data Mining and Data Warehousing (change prereq ISM3212 (C) to prereq or co-requisite COP2700, ISM3212 with a grade of C or higher)	3
ISM4211	Database Systems and Physical Design (add prereq ISM3212, ISM3113, COP2700 with a grade of C or higher)	3
ISM4323	Security Management (change prereq CNT4408 (C) to prereq ISM4220, CNT2402 with a grade of C or higher; add prereq or co-requisite CNT4408, ISM4320 with a grade of C or higher)	3
ISM4324	Computer Forensics (change prereq COP3530, ISM3113, ISM3212, ISM3314, ISM4220, ISM4320 (C) to prereq or co-requisite ISM4323 with a grade of C or higher)	3
ISM4330	Capstone Experience: Database Administration (change prereq This course should be taken during the last semester of the program, and requires Bachelor's department approval to ISM4211, COP4834, ISM4210, ISM4213, GEB3213, FIN3400 with a grade of C or higher; This course should be taken during the last semester of the program, and requires Bachelor's department approval)	3
CNT4406	Network Security and Cryptography (change prereq COP3530, ISM3113, ISM3212, ISM3314, ISM4220, ISM4320 (C) to prereq or co-requisite ISM4320 with a grade of C or higher, co-requisite ISM4220 with a grade of C or higher)	3
CNT4408	Information System Security (change prereq CNT2402, COP3530, ISM3113, ISM3212, ISM3314, ISM4220, ISM4320 (C) to co-requisites ISM4220, ISM3314 with a grade of C or higher)	3
COP4834	Web Scripting (change prereq COP1000 (C) to prereq or co-requisite COP1000, CTS4425 with a grade of C or higher)	3
ISM3113	Systems Analysis and Design (add prereq or co-requisite COP3530 with a grade of C or higher)	3
GEB4891	Strategic Management and Decision Making (add prereq or co-requisite MAN4504, MAR4802 with a grade of C or higher)	3
GEB4935	Capstone Experience; General Management (change prereq FIN3400, GEB3213 (C), This course should be taken during the last semester of the program, and requires Bachelor's department approval to prereq FIN3400, GEB3213, GEB4891 with a grade of C or higher, This course should be taken during the last semester of the program, and requires Bachelor's department approval)	3
MAN4120	Leadership Challenges and Supervision (add prereq or co-requisite MAN3240 with a grade of C or higher)	3

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- MAN4401 Labor Relations Management (add prereq or co-requisite MAN3301 with a grade of C or higher) 3
- MAN4504 Operational Decision Making (add prereq or co-requisite MAN4401 with a grade of C or higher) 3
- MAN4802 Entrepreneurship and Small Business Management (add prereq FIN3400, GEB3213, GEB4113 with a grade of C or higher) 3

Justification: Based on input from faculty and the advisory board during the recent curriculum reviews we are making changes to the course sequences for several concentrations that will result in improved student performance and time to completion along with more efficient scheduling of courses.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

B. Business

Hospitality and Tourism

New Courses

Effective August 2018 (20191)

HFT2XXX (HFT2434) Club Management (3 credits, 3 lecture contact hours, AW grading system, program code limit 2060, 6115, 6116, course learning outcomes, no special fee) 3

Revised Program

Effective August 2018 (20191)

Current Hospitality & Tourism AS2060			Proposed Hospitality & Tourism AS2060 New CIP 1252090101		
General Education		Credits: 15	General Education		Credits: 15
ENC1101	College Composition 1	3	ENC1101	College Composition 1	3
SPC1017	Fundamentals of Speech Communication	3	SPC1017	Fundamentals of Speech Communication	3
	Any course from Mathematics - Area III	3		Any course from Mathematics - Area III	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: 49	Required Courses		Credits: 45
HFT1000	Introduction to the Hospitality Business	3	HFT1000	Introduction to the Hospitality Business	3
HFT2220	Personnel Management Practices	3	HFT2220	Personnel Management Practices	3
CGS1100	Microcomputer Applications	3			
FSS2105	Purchasing for the Hospitality Industry	3	FSS2105	Purchasing for the Hospitality Industry	3
HFT1630	Management of Security in Hospitality Business	3	HFT1630	Management of Security in Hospitality Business	3
HFT1313	Hospitality Property Management	3	HFT1313	Hospitality Property Management	3
HFT2410	Hotel-Motel Front Office and Procedures	3	HFT2410	Hotel-Motel Front Office and Procedures	3
FOS1201	Food Service Sanitation	2	FOS1201	Food Service Sanitation	2
FSS1220	Professional Cooking	2	FSS1220	Professional Cooking	2
FSS1220L	Professional Cooking Lab	1	FSS1220L	Professional Cooking Lab	1
FSS2500	Food and Beverage Cost Control	3	FSS2500	Food and Beverage Cost Control	3
FSS1221C	Quantity Food Production 1	4	FSS1221C	Quantity Food Production 1	4
ACG2022	Financial Accounting	4			
HFT1850C	Dining Room Management	3	HFT1850C	Dining Room Management	3
FSS2242C	International Foods	3	FSS2242C	International Foods	3
HFT2600	Hospitality Industry Law	3	HFT2600	Hospitality Industry Law	3

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HFT2510	Sales Promotion and Advertising in Hotels and Food Service	3	HFT2510	Sales Promotion and Advertising in Hotels and Food Service	3
Total Program Credits: 64			HFT2XXX	Club Management	3
					Total Program Credits: 60

Current Food Service Management 6115			Proposed Food Service Management 6115		
Required Courses		Credits: 27	Required Courses		Credits: 27
HFT1000	Introduction to the Hospitality Business	3	HFT1000	Introduction to the Hospitality Business	3
FOS1201	Food Service Sanitation	2	FOS1201	Food Service Sanitation	2
FSS1220	Professional Cooking	1	FSS1220	Professional Cooking	1
FSS1220L	Professional Cooking Lab	2	FSS1220L	Professional Cooking Lab	2
HFT1850C	Dining Room Management	3	HFT1850C	Dining Room Management	3
FSS1221C	Quantity Food Production I	4	FSS1221C	Quantity Food Production I	4
FSS2242C	International Foods	3	FSS2242C	International Foods	3
FSS2500	Food and Beverage Cost Control	3	FSS2500	Food and Beverage Cost Control	3
CGS1100	Microcomputer Applications	3			
FSS2105	Purchasing for the Hospitality Industry	3	HFT2XXX	Club Management	3
Electives		Credits: 3	FSS2105	Purchasing for the Hospitality Industry	3
	Electives*	3	Electives		Credits: 3
Total Program Credits: 30				Electives*	3
*Electives: select from courses with the prefixes FSS or HFT.			Total Program Credits: 30		
			*Electives: select from courses with the prefixes FSS or HFT.		

Current Hospitality CCC 6116			Proposed Hospitality CCC 6116		
Required Courses		Credits: 27	Required Courses		Credits: 27
HFT1000	Introduction to the Hospitality Business	3	HFT1000	Introduction to the Hospitality Business	3
HFT2220	Personnel Management Practices	3	HFT2220	Personnel Management Practices	3
FSS2105	Purchasing for the Hospitality Industry	3	FSS2105	Purchasing for the Hospitality Industry	3
HFT2600	Hospitality Industry Law	3	HFT2600	Hospitality Industry Law	3
HFT2410	Hotel-Motel Front Office and Procedures	3	HFT2410	Hotel-Motel Front Office and Procedures	3
HFT1630	Management of Security in Hospitality Business	3	HFT1630	Management of Security in Hospitality Business	3
HFT1313	Hospitality Property Management	3	HFT1313	Hospitality Property Management	3
CGS1100	Microcomputer Applications	3			
FSS2500	Food and Beverage Cost Control	3	HFT2XXX	Club Management	3
Electives		Credits: 3	FSS2500	Food and Beverage Cost Control	3
	Electives*	3	Electives		Credits: 3
Total Program Credits: 30				Electives*	3
*Electives: select from courses with the prefixes FSS or HFT.			Total Program Credits: 30		
			*Electives: select from courses with the prefixes FSS or HFT.		

Justification: Palm Beach County has 170 golf courses, 120 private and public country clubs, along with 270 members in Club Management Association, this makes Club Management a viable topic needed in the Hospitality Program. The BPC stressed a need to bring back Club Management because of these facts. This course also allows for an additional

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avenue under the hospitality and tourism umbrella, rather than only lodging and food service. Also reducing number of credits from 64 to 60 as per the state requirement for this AS degree in 2018. This will be accomplished by removing the ACG2022 Financial Accounting.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

C. Public Safety

1. Emergency Medical Services – Paramedic

<u>Revise Courses</u>	Effective August 2018 (20191)	
EMS2620C Paramedic 1 (change course description)		12
EMS2621C Paramedic 2 (change course description)		12
EMS2622C Paramedic 3 (change course description)		5

Justification: The State of Florida has mandated that all Paramedic Programs teach to the National EMS Educational Standards Curriculum. The Paramedic Program has already complied in respect to texts, lesson plans, and evaluation instruments. However, the course descriptions found in the PBSC Catalog, and the respective syllabi, are incorrect (they reference the outdated 1998 DOT Curriculum). These course descriptions need to be updated to satisfy State of Florida DOH, DOE, and our accrediting agency's (CoAEMSP) requirements.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

2. Fire Science - Firefighter

<u>Revised Courses</u>	Effective January 2019 (20192)	
FFP0010 Firefighter 1 (change clock hours from 228 to 206)		206
FFP0020 Firefighter 2 (change clock hours from 222 to 192)		192

<u>Revised Program</u>			Effective January 2019 (20192)		
Current Firefighter PSAV 5043			Proposed Firefighter PSAV 5043		
Required Courses		Clock Hours	Required Courses		Clock Hours
FFP0010	Firefighter 1	228	FFP0010	Firefighter 1	206
FFO0020	Firefighter 2	222	FFP0020	Firefighter 2	192
Total Clock Hours		450	Total Clock Hours		398

Justification: FLDOE revised frameworks, reducing the total program clock hours to 398.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

3. Fire Science – EMT/Firefighter Combination PSAV FA

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New Courses

Effective January 2019 (20192)

EMS0XXX (EMS0110) Emergency Medical Technician (300 clock hours, AW grading system, program limit code new EMT/Firefighter Combination, NFSI, course learning outcomes, Medical Accident/ Standard Liability, special fees \$50.00) 300

New Program

Effective January 2019 (20192)

EMT/Firefighter Combination PSAV CIP 0743020312		
Required Courses		Clock Hours
FFP0010	Firefighter 1	206
FFP0020	Firefighter 2	192
EMS0XXX	Emergency Medical Technician	300
Total Clock Hours		698

Justification: This is a new format combining 2 existing programs EMT and Firefighter. This combination will create one clock hour program to meet the financial aid requirement threshold. The College offers Emergency Medical Technician as a 12 credit single semester program, and offers Firefighter as a PSAV clock hour 398 program. Both options will remain available for students, however this request will create another option that combines both programs into a single PSAV program EMT/Firefighter, combined hours of 698. Students will enter the program as a cohort, and complete together. This program was a collaborative initiative with the local and State Fire Chiefs, Fire Bureau, and DOE. Palm Beach County Fire Chiefs support this endeavor to remove financial barriers for entry into the industry.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

D. Trade and Industry

1. Automotive and Transportation

Revised Courses

Effective August 2018 (20191)

- AER0692 Automotive Electrical and Electronic Systems 2 (change co-requisites from AER0599 (with a grade of C or higher), VPI0100, VPI0200, VPI0300 to AER0691 (with a grade of C or higher), VPI0100, VPI0200, VPI0300, update general education learning outcomes, institutional learning outcomes, methods of assessment, and course learning outcomes) 150
- AER0599 Automotive Brake Systems (change corequisites from AER0691 (with a grade of C or higher), VPI0100, VPI0200, VPI0300 to AER0692 (with a grade of C or higher), VPI0100, VPI0200, VPI0300, update general education learning outcomes, institutional learning outcomes, methods of assessment, and course learning outcomes) 150
- AER0891 Automotive Engine Performance 1 (remove prereq AER0080 or AER0940 (with a grade of C or higher), change corequisites from VPI0100, VPI0200, VPI0300 to AER0692 (with a grade of C or higher), VPI0100, VPI0200, VPI0300, update general education learning outcomes, institutional learning outcomes, methods of assessment, and course learning outcomes) 150
- AER0759 Automotive Heating and Air Conditioning (remove prereq AER0080 or AER0940 (with a grade of C or higher), changes corequisites from VPI0100, VPI0200, VPI0300 to AER0692 (with a grade of C or higher), VPI0100, VPI0200, VPI0300, update general education learning outcomes, institutional learning outcomes, methods of assessment) 150
- AER0399 Automotive Manual Transmissions and Transaxles (remove prereq AER0080 or AER0940 (with a grade of C or higher), changes corequisites from VPI0100, VPI0200, VPI0300 to AER0692 (with a grade of C or higher), VPI0100, VPI0200, VPI0300, update general education learning outcomes, institutional learning outcomes, methods of assessment) 150

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AER0299 Automotive Automatic Transmissions and Transaxles (remove prereq AER0080 or AER0940 (with a grade of C or higher), changes corequisites from VPI0100, VPI0200, VPI0300 to AER0692 (with a grade of C or higher), VPI0100, VPI0200, VPI0300, update general education learning outcomes, institutional learning outcomes, methods of assessment) 150

Justification: The changes are a result of the curriculum changes previously made to the program to comply with the FLDOE changes to course numbering and the academic frameworks. Additionally, the changes required us to look at the academic flow of the program, co-requisite modules, and the academically correct sequencing of the modules. As a result of these changes we have re-ordered the sequence and the proper co-requisite to some of the modules as necessary.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

2. Heavy Equipment Mechanics PSAV

<u>Revised Program</u>		Effective August 2018 (20191)	
Current Heavy Equipment Mechanics PSAV 5456		Proposed Heavy Equipment Service Technician PSAV 5456 CIP 0647030201	
Total Clock Hours	1800	Total Clock Hours	1800

Justification: State of FL has discontinued Heavy Equipment Mechanics and changed to Heavy Equipment Service Technician.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

3. Electrical Power Technology

<u>Revised Courses</u>		Effective August 2018 (20191)	
EET2930C	Special Topics in Electrical Engineering (change course description, credits from 3 (1 lecture, 4 lab contact hours) to 4 (3 lecture, 3 lab contact hours), change general education learning outcomes, institutional learning outcomes, methods of assessment, course learning outcomes)	4	
ETP1200	(requested ETP1322) Power Plant Science (change course title to Electrical Power System, course description, general education learning outcomes, institutional learning outcomes, methods of assessments, course learning outcomes)	3	
ETS2520C	Process Measurement Fundamentals (change course description, credits from 2 (1 lecture, 2 lab contact hours) to 3 (2 lecture, 2 lab contact hours), change general education learning outcomes, institutional learning outcomes, methods of assessment, course learning outcomes, special fee \$40.00)	3	
ETP1402	(ETP1402C) (Convert to “C” course) Introduction to Solar Energy (change contact hours from 3 lecture to 2 lecture, 2 lab, change general education learning outcomes and course learning outcomes)	3	
Please note this course is included in the Engineering Technology program listed on pages 11-14			

Deleted Courses

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Course #	Course Title	Last Term Offered	Credits
ETP1220	Power Plant Fundamentals	May 2018 (20183)	3
ETP1540	Introduction to Hydro Power	May 2018 (20183)	3

Revised Program

Effective August 2018 (20191)

Current Electrical Power Technology AS2270			Proposed Electrical Power Technology AS2270		
General Education		Credits: 18	General Education		Credits: 18
ENC1101	College Composition 1	3	ENC1101	College Composition 1	3
MAC1105	College Algebra	3	MAC1105	College Algebra	3
SPC1017	Fundamentals of Speech Communication	3	SPC1017	Fundamentals of Speech Communication	3
PSY2012	General Psychology	3	PSY2012	General Psychology	3
PHY1001	Applied Physics	3	PHY1001	Applied Physics	3
	Any course from Humanities Area II	3		Any course from Humanities Area II	3
Core Program Requirements		Credits: 41 44	Core Program Requirements		Credits: 40
EET1015C	DC Circuit Analysis	3	EET1015C	DC Circuit Analysis	3
EET1025C	AC Circuit Analysis	3	EET1025C	AC Circuit Analysis	3
ETP1220	Power Plant Fundamentals	3			
ETII701	Environmental Health and Safety	3	ETII701	Environmental Health and Safety	3
CGS1100	Microcomputer Applications		EVS2015	Writing for Science	
	-or-			-or-	
EVR2266	Survey of Environmental Mapping/GIS/Remote Sensing *	3	EVR2266	Survey of Environmental Mapping/GIS/Remote Sensing *	3
ETP1200	Power Plant Science	3	ETP1XXX	Electrical Power System	3
ETII000	Industrial Tools and Equipment	3	ETII000	Industrial Tools and Equipment	3
EET1215C	Introduction to Electronics	3	EET1215C	Introduction to Electronics	3
CET2123C	Microprocessors 1	3	CET2123C	Microprocessors 1	3
CET2127C	Microprocessors 2	3	CET2127C	Microprocessors 2	3
ETS2700C	Fluid and Pneumatic Controls	3	ETS2700C	Fluid and Pneumatic Controls	3
ETS2530C	Process Control Technology	3	ETS2530C	Process Control Technology	3
EET2930C	Special Topics in Electrical Engineering	3	EET2930C	Special Topics in Electrical Engineering	4
ETS2520C	Process Measurement Fundamentals	2	ETS2520C	Process Measurement Fundamentals	3
Electives (Select 9-credits)		Credits: 9	Electives (Select 10 credits)		Credits: 10
ETP1510C	Biofuels and Biomass	3	ETP1510C	Biofuels and Biomass	3
ETP2137C	Electrical Distribution Substations	3	ETP2137C	Electrical Distribution Substations	3
ETI2941	EPT Internship (6 credits)	6	ETI2941	EPT Internship (6 credits)	6

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ETI2942	EPT Internship (3 credits)	3	ETI2942	EPT Internship (3 credits)	3
ETP1511C	Introduction to Bio Fuels	3	ETP1511C	Introduction to Bio Fuels	3
ETP1530C	Introduction to Wind Energy	3	ETP1530C	Introduction to Wind Energy	3
ETP1540	Introduction to Hydro Power	3			
ETP1402	Introduction to Solar Energy	3	ETP1402C	Introduction to Solar Energy	3
EVR2266	Survey of Environmental Mapping/GIS/Remote Sensing*	3	EVR2266	Survey of Environmental Mapping/GIS/Remote Sensing*	3
ETP2410C	Photovoltaic Technology	2	ETP2410C	Photovoltaic Technology	2
ETS1810C	Energy Efficient Buildings	3	ETS1810C	Energy Efficient Buildings	3
ETP1400C	Distributed Electrical Power Generation and Storage	2	ETP1400C	Distributed Electrical Power Generation and Storage	2
ETP1550	Alternative Fuels and Electric Vehicle	3	ETP1550	Alternative Fuels and Electric Vehicle	3
EET2325C	Electronic Communications Systems	3	EET2325C	Electronic Communications Systems	3
Total Program Credits: 68			Total Program Credits: 68		
*Course may only be used once toward the A.S. degree.			*Course may only be used once toward the A.S. degree.		

Justification: Program revisions as per Guided Pathway Mapping and Business Partnership Council.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

4. Engineering Technology

Revised Courses

Effective August 2018 (20191)

ETD2950C Special Topics in Engineering Technology (change credits from 3 to 4, lecture contact hours from 16 to 48, lab contact hours from 64 to 48, add methods of assessment) 4

ETI2851C Applied Mechanics (change prereq ETI1701, ETI1830 (C) to PHY1001, ETI1830 with a grade of C or higher, change methods of assessment and course learning outcomes) 3

ETP1402 See page 9 under Electrical Power Technology AS

Deleted Courses

Course #	Course Title	Last Term Offered	Credits
EET1611C	Standard Testing and Certification	May 2018 (20183)	2

Revised Program

Effective August 2018

Current Engineering Technology - Alternative Energy Systems AS2550A		Proposed Engineering Technology - Alternative Energy Systems AS2550A	
General Education	Credits: 18	General Education	Credits: 18

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ENC1101	College Composition 1	3	ENC1101	College Composition 1	3
MAC1105	College Algebra	3	MAC1105	College Algebra	3
SPC1017	Fundamentals of Speech Communication	3	SPC1017	Fundamentals of Speech Communication	3
PSY2012	General Psychology	3	PSY2012	General Psychology	3
PHY1001	Applied Physics	3	PHY1001	Applied Physics	3
	Any course from Humanities - Area II	3		Any course from Humanities - Area II	3
Core Courses		Credits: 18	Core Courses		Credits: 18
ETM1010C	Mechanical Measurements and Instruments	3	ETM1010C	Mechanical Measurements and Instruments	3
ETI1701	Environmental Health and Safety	3	ETI1701	Environmental Health and Safety	3
ETI2110	Introduction to Quality Assurance	3	ETI2110	Introduction to Quality Assurance	3
ETI1830	Materials and Processes 1	3	ETI1830	Materials and Processes 1	3
ETD2320C	Introduction to AutoCAD	3	ETD2320C	Introduction to AutoCAD	3
EET1084C	Electrical Circuits and Electronics	3	EET1084C	Electrical Circuits and Electronics	3
Required Concentration Courses		Credits: 14	Required Concentration Courses		Credits: 17
ETP1400C	Distributed Electric Power Generation and Storage	2	ETP1XXX	Electrical Power System	3
ETP1402	Introduction to Solar Energy	3	ETP1400C	Distributed Electric Power Generation and Storage	2
ETP1511C	Introduction to Bio Fuels	3	ETP1402C	Introduction to Solar Energy	3
ETP1530C	Introduction to Wind Energy	3	ETP1511C	Introduction to Bio Fuels	3
ETP1550	Alternative Fuels and Electric Vehicle Technologies	3	ETP1530C	Introduction to Wind Energy	3
Technical Electives - Choose 10 credits		Credits: 10	ETP1550	Alternative Fuels and Electric Vehicle Technologies	3
ETP2410C	Photovoltaic Technology	2	Technical Electives - Choose 7 credits		Credits: 7
ETS1810C	Energy Efficient Buildings	3	ETP2410C	Photovoltaic Technology	2
ETP1510C	Biofuels and Biomass	3	ETS1810C	Energy Efficient Buildings	3
ETP1540	Introduction to Hydro Power	3	ETP1510C	Biofuels and Biomass	3
ETD2950C	Special Topics in Engineering Technology	3	ETD2950C	Special Topics in Engineering Technology	4
ETD2941	Engineering Technology Internship	3	ETD2941	Engineering Technology Internship	3
EVR2266	Survey of Environmental Mapping/GIS/Remote Sensing	3	EVR2266	Survey of Environmental Mapping/GIS/Remote Sensing	3
Total Program Credits: 60			Total Program Credits: 60		

Current Engineering Technology - Electronics Concentration AS2550B			Current Engineering Technology - Electronics Concentration AS2550B		
General Education		Credits: 18	General Education		Credits: 18
ENC1101	College Composition I	3	ENC1101	College Composition I	3
MAC1105	College Algebra	3	MAC1105	College Algebra	3
SPC1017	Fundamentals of Speech Communication	3	SPC1017	Fundamentals of Speech Communication	3
PSY2012	General Psychology	3	PSY2012	General Psychology	3
PHY1001	Applied Physics	3	PHY1001	Applied Physics	3
	Any course from Humanities - Area II	3		Any course from Humanities - Area II	3
Core Courses		Credits: 18	Core Courses		Credits: 18
ETM1010C	Mechanical Measurements and Instruments	3	ETM1010C	Mechanical Measurements and Instruments	3
ETI1701	Environmental Health and Safety	3	ETI1701	Environmental Health and Safety	3

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EET2110	Introduction to Quality Assurance	3	EET2110	Introduction to Quality Assurance	3
EET1830	Materials and Processes 1	3	EET1830	Materials and Processes 1	3
ETD2320C	Introduction to AutoCAD	3	ETD2320C	Introduction to AutoCAD	3
EET2325C	Electronic Communications Systems	3	EET2325C	Electronic Communications Systems	3
Required Concentration Courses		Credits: 15	Required Concentration Courses		Credits: 15
EET1015C	DC Circuit Analysis	3	EET1015C	DC Circuit Analysis	3
EET1025C	AC Circuit Analysis	3	EET1025C	AC Circuit Analysis	3
EET1215C	Introduction to Electronics	3	EET1215C	Introduction to Electronics	3
CET2123C	Microprocessors 1	3	CET2123C	Microprocessors 1	3
CET2127C	Microprocessors 2	3	CET2127C	Microprocessors 2	3
Technical Electives - Choose 9 credits		Credits: 9	Technical Electives - Choose 9 credits		Credits: 9
EET2724C	Schematic Capture and Modeling	3	EET2724C	Schematic Capture and Modeling	3
EET1610C	Through-Hole Surface Mount Soldering	2	EET1610C	Through-Hole Surface Mount Soldering	2
EET2620C	Advanced Surface Mount Soldering Technology	2	EET2620C	Advanced Surface Mount Soldering Technology	2
EET1141C	Analog Devices	3	EET1141C	Analog Devices	3
EET1142C	Analog Circuits	3	EET1142C	Analog Circuits	3
EET2609C	Electronic Fabrication and Fiber Optics	3	EET2609C	Electronic Fabrication and Fiber Optics	3
ETD2950C	Special Topics in Engineering Technology	3	ETD2950C	Special Topics in Engineering Technology	4
ETD2941	Engineering Technology Internship	3	ETD2941	Engineering Technology Internship	3
Total Program Credits: 60			Total Program Credits: 60		

Current Engineering Technology - Advanced Technology Concentration AS2550C			Current Engineering Technology - Advanced Technology Concentration AS2550C		
General Education		Credits: 18	General Education		Credits: 18
ENC1101	College Composition 1	3	ENC1101	College Composition 1	3
MAC1105	College Algebra	3	MAC1105	College Algebra	3
SPC1017	Fundamentals of Speech Communication	3	SPC1017	Fundamentals of Speech Communication	3
PSY2012	General Psychology	3	PSY2012	General Psychology	3
PHY1001	Applied Physics	3	PHY1001	Applied Physics	3
	Any course from Humanities - Area II	3		Any course from Humanities - Area II	3
Core Courses		Credits: 18	Core Courses		Credits: 18
ETM1010C	Mechanical Measurements and Instruments	3	ETM1010C	Mechanical Measurements and Instruments	3
EET1701	Environmental Health and Safety	3	EET1701	Environmental Health and Safety	3
EET2110	Introduction to Quality Assurance	3	EET2110	Introduction to Quality Assurance	3
EET1830	Materials and Processes 1	3	EET1830	Materials and Processes 1	3
ETD2320C	Introduction to AutoCAD	3	ETD2320C	Introduction to AutoCAD	3
EET1084C	Electrical Circuits and Electronics	3	EET1084C	Electrical Circuits and Electronics	3
Required Concentration Courses		Credits: 14	Required Concentration Courses		Credits: 15
EET2325C	Electronic Communication Systems	3	EET2325C	Electronic Communication Systems	3
ETD2364C	SolidWorks Fundamentals	3	ETD2364C	SolidWorks Fundamentals	3
EET2851C	Applied Mechanics	3	EET2851C	Applied Mechanics	3
ETS2520C	Process Measurement Fundamentals	2	ETS2520C	Process Measurement Fundamentals	3
EET1212C	Non-Destructive and Destructive Testing	3	EET1212C	Non-Destructive and Destructive Testing	3
Technical Electives - Choose 10-credits		Credits: 10	Technical Electives - Choose 9 credits		Credits: 9
EET1611C	Standard Testing and Certification	2	EET1411	Manufacturing Process	2
EET1411	Manufacturing Process	2	ETD2218C	Geometric Dimensioning and Tolerancing	2
ETD2218C	Geometric Dimensioning and Tolerancing	2	EET1622	Concepts of Lean Manufacturing and Six	2

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				Sigma	
ETI1622	Concepts of Lean Manufacturing and Six Sigma	2	ETD2340C	AutoCAD 2	3
ETD2340C	AutoCAD 2	3	ETD2355C	AutoCAD 3D Modeling	3
ETD2355C	AutoCAD 3D Modeling	3	ETD2371C	Introduction to 3D Printing	3
ETD2371C	Introduction to 3D Printing	3	ETD2372C	Advanced Rapid Prototyping	3
ETD2372C	Advanced Rapid Prototyping	3	ETD2950C	Special Topics in Engineering Technology	4
ETD2950C	Special Topics in Engineering Technology	3	ETD2941	Engineering Technology Internship	3
ETD2941	Engineering Technology Internship	3	Total Program Credits: 60		
Total Program Credits: 60					

Current Alternative Energy Engineering Technology CCC6272			Proposed Alternative Energy Engineering Technology CCC6272		
Required Courses		Credits: 18	Required Courses		Credits: 18
ETP1200	Power Plant Science	3	ETP1XXX	Electrical Power System	3
ETP1511C	Introduction to Bio Fuels	3	ETP1511C	Introduction to Bio Fuels	3
ETP1530C	Introduction to Wind Energy	3	ETP1530C	Introduction to Wind Energy	3
ETP1402	Introduction to Solar Energy	3	ETP1402C	Introduction to Solar Energy	3
ETI1701	Environmental Health and Safety	3	ETI1701	Environmental Health and Safety	3
EVR2266	Survey of Environmental Mapping/GIS/Remote Sensing	3	EVR2266	Survey of Environmental Mapping/GIS/Remote Sensing	3
Total Program Credits: 18			Total Program Credits: 18		

Justification: Due to the course revisions and the Business Partnership Council suggestions, AS programs & CCC need to be revised to reflect those changes.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

E. Motion to Dismiss

Discussion: NA

Action:

The Curriculum Agendas and Minutes are at <http://www.palmbeachstate.edu/curriculum-development>.

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 TEC220, Boca Raton AD 406, Lake Worth ETA 101, Loxahatchee LGA 216, and Palm Beach Gardens AD 207)

Attendance	Faculty and Instructors
	Susan Aguila, English/LIT – 1 st Year LW
	Cynthia Alexandre, Mathematics - 2 nd Year LW
	Emmanuel Alvarado, Spanish – 1 st Year PBG
	Patty Braga, Sonography - 2 nd Year, PBG
	Robin D'Agati, Accounting – 1 st Year LW
	Timothy Finamore, Math – 1 st Year BR
	Wendy Mendez-Hasselmann, Spanish - 2 nd Year BR

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	Hector Hernandez, BAS IM – 2nd Year District
	Dan Neff, Trade & Industry – 2 nd Year LW
	Chastity O’Malley, Biology – 1 st Year BR
	Trineshia Sellars, Chemistry – 1 st Year LW
	Zenaida Espinosa, Interior Design – CHAIR 3 rd Year LW
	Administrative Members
	Dr. Velmarie Albertini – Dean Curriculum – 1 st Year District (Non-voting)
	Mike Sfiropoulos, Interim Academic Associate Dean -2 nd Year LW
	Michelle Williams, Campus Registrar – 1 st Year BG & Lox
	Teresa Armas, Financial Aid Associate Director
	Peter Biegel, Interim College Registrar, SR
	Kathleen Karran-Mccoy, Student Services Asst. Dean – 2 nd Year District
	Geri Spain, 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						