

Palm Beach State College
Curriculum Committee Agenda
January 29, 2015

FA - Possible Financial Aid Action Warranted

I. Approval of January 15, 2015 Minutes

Discussion: None

Data sources consulted: Minutes

Action:

II. For Your Information

CCE/Avocation Course Action January 9th through January 23, 2015

New Avocational and CCE Courses	Title	Clock Hours
TIO0656	Welding NCCER – Advanced Aluminum	160

Revised Avocational and CCE Courses	Title	Changes
HEO0106	Child Care 1 st Aid and CPR	Change course title to Child Care First Aid and CPR; Revised course description.
POO0093	Case Preparation and Courtroom Presentation	Reactivate course; Revise course description.
TIO0650	NCCER Core Craft Support	Reactivate course; Change course title to <i>Construction Craft Skills Intro NCCER Core</i> ; Revise course description.
TIO0653	Welding NCCER	Reactivate course; Change course title to <i>Welding NCCER – Level One</i> ; Change clock hours from 390 to 300; Remove \$2,550 special fee; Revise course description.

Minutes Corrections

11/20/15 IV.D. The correct title for the new Cisco CCNA Security CCC is Cisco Certified Network Associate (CCNA) Security CCC.

1/15/15 IV. D. EDG1314 Education Practicum 1- Prereq statement should read “Completion of all required course in an Early Childhood Education College Credit Certificate or AS degree.”

1/15/15 IV. E. 1. The Cisco Certified Network Associate (CCNA) CCC should be titled Cisco Certified Network Associate (CCNA) Router and Switching CCC. This title was listed in the paperwork but not reflected in the minutes.

III. Old Business

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

IV. New Business

Credits/Clock Hours

A. AA Courses

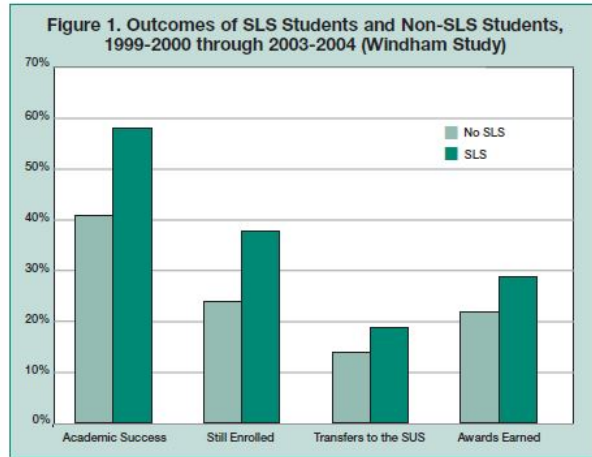
New Course

Effective August 2015

SLS 1201 Personal Development (3 credits, 3 lecture hours, no pre/corequisites, AW grading system, no special fees) 3

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Justification: Currently at Palm Beach State College we have several SLS (Student Life Skills) courses including, SLS1501 Introduction to the College Experience, SLS1301 Career Development, and SLS1303 Job Search. Our First Year Experience course, SLS1501 (Introduction to the College Experience) is required of all incoming first time in college students. All FTIC students must enroll in SLS1501 which is designed to support students as they transition to the college. We believe there is tremendous value in creating and offering more SLS or “Student Success” courses with varied content for the college. Research by the Florida Department of Education (2006) has shown that students who take Student Life Skills (SLS) courses or "student success" courses are more likely to earn a community college degree, transfer to the state university system, or remain enrolled in college. Please see Figure 1 below.



SLS1201 Personal Development is an empowerment and transformative course designed to further support student retention, success, and graduation. Other Florida colleges and universities including Valencia College, Florida State University, and Florida Gulf Coast University offer SLS1201-Personal Development as part of the Bridges to Success program (at Valencia College) and other student success initiatives. In addition, just about all of the 28 colleges/universities in the Florida state system offer a variety of SLS courses including Personal Development, Creative Life Skills, College Survival Skills, Career Development, Critical Thinking, Selected Topics in Student Life Skills, etc.

Nation-wide many of our most prestigious universities including University of California at Berkley, Harvard University, and University of Pennsylvania have developed courses on personal development—As a side note, many of these courses are the most popular of all courses taught at those colleges and universities. We believe there is both a need and a demand for more student success courses at Palm Beach State College as it is part of our mission to support students’ academic and personal growth.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

B. Developmental Education Courses

New Course

Effective August 2015

EAP 0388 Integrated Speech and Grammar (4 developmental education credits, 4 lecture hours, no pre/corequisites, AN grading, LOEP (Level of English Proficiency) test scores 71-85)	4
EAP 0400 Speaking and Listening 1 (3 developmental education credits, 3 lecture hours, LOEP test scores, AN grading, prerequisite test scores 86-95)	3
EAP 1500 Speaking and Listening 2 (3 AA credits, 3 lecture hours, LOEP test scores, prerequisite EAP0400 or LOEP Test scores 96-105, AW grading)	3
EAP 1600 Advanced Speaking and Listening (3 AA credits, 3 lecture hours, prerequisite of EAP1500 or test scores, LOEP test scores 106-115, AW grading)	3

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Revised Course

Effective August 2015

EAP 0382 Integrated Reading and Writing (changing testing to LOEP (Level of English Proficiency) test scores, prerequisite LOEP test scores 71-85)

4

Justification: **EAP 0382** - Based on data from the testing center provided by Debra Jackson, the College is showing a loss of roughly 1500 students who are turned away for various reasons. For example, they place into the foundation program, but these courses are no longer offered. **EAP 0388** - Data from testing center indicate roughly 1500 potential EAP students are turned away because there are no English courses offered at their levels. In addition, international students on F1 visas who test below the required level are placed into higher-level coursework than they require. In order to retain and support these students the cluster is proposing new and reactivated coursework for the program. **EAP 0400 and EAP 1500** - The cluster discussed program revision based on the number of students who have been turned away and the needs of the international student population. This is a follow-up to the discussion had with Francklin Laborde, Ed Mueller, Ginger Pedersen, and Susan Bierster, **EAP 1600** - International students on F1 visas who test below the required level are placed into higher-level coursework than they require. In order to retain and support these students the cluster is proposing new and reactivated coursework for the program. In addition, an advanced course in Listening and Speaking will be available and helpful for second language students at all levels who need help with oral communication skills.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

C. Business and Office Administration

Paralegal AS

Revised Course

Effective August 2015

PLA 1104	Legal Writing and Research 1(Add prerequisite of ENC1101 and corequisite of PLA1103)	3
PLA 1273	Tort Law (Add corequisite of PLA1103)	3
PLA 1949C	Co-op Legal Assistant 1 (Add prerequisite of PLA1003, PLA1104, PLA2209, and faculty approval)	3
PLA 2209	Court Systems: Procedures and Pleadings 1(Add corequisite of PLA 1003)	3
PLA 2465	Bankruptcy Law and Procedure (Add corequisite of PLA1003)	2
PLA 2483	Administrative Law (Add corequisite of PLA1003)	3
PLA 2600	Administration of Estates (Add corequisite of PLA1003)	3
PLA 2611	Real Estate Law and Property Transactions (Add corequisite of PLA1003)	3
PLA 2762	Paralegal Office Systems (Change title to Law Office Management; add corequisite of PLA1003)	3
PLA 2800	Family Law (Add corequisite of PLA1003)	3
PLA 2841	Immigration Law and Procedures (Add corequisite of PLA1003)	3

Justification: **All courses** The curriculum action is necessary comply with America Bar Association recommendations regarding course sequencing and to ensure necessary course training and competencies are met before a student can enroll in these courses. **PLA2762** The current course name is misleading and does not correctly reflect the course content or learning objectives. Additionally, the course name change is likely necessary to comply with anticipated standards required for Palm Beach State College paralegal program's ABA approval.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

D. Computer Science and Information Technology

Networking Administrator AS

New Course

Effective January 2015

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(All three new courses are part of the Information Security and CCNA Security CCCs developed in 11/20/14 CC Minutes)

CNT 2XXX Security Essentials (3 credits, 3 lecture contact hours, AW grading, pre/corequisite CGS1100, \$45 special fee)	3
CTS 2XXX Attack Prevention and Detection (3 credit, lecture course, AW grading, prerequisite of CNT2000, \$45 special fee)	3
CTS 2XXX Router and Switcher Security (3 credits, 3 lecture hours, AW Grading, prerequisite CTS2651, \$25 special fee)	3

New Program

Effective August 2015

Cisco Certified Entry Network Technician (CCENT) CCC (CIP 0511100114, 15 credits, articulates into Networking Administrator AS degree, all existing courses)

Cisco Certified Entry Network Technician (CCENT) CCC (CIP 0511100114)		
CGS 1100	Microcomputer Applications	3
CNT 2000	Network Technologies	3
CTS 2301	UNIX Installation and Administration Using LINUX	3
CTS 1650	Cisco Networking 1	3
CTS 2651	Cisco Networking 2	3
TOTAL		15

Justification: **CNT2XXX** New course for XCEL-IT Grant Information Security CCC The student will receive a comprehensive overview of the need for security, planning for security, risk management, security technologies, and security and personnel. (January 2015 –required of grant. To be offer in 12 week term.) **CTS2XXX** New course for XCEL-IT Grant Information Security CCC. This course will provide students with basic beginning training on combating some cyber security threats. (January 2015 –required of grant. To be offer in 12 week term.) **CTS2YYY** New course for XCEL-IT Grant new College Credit Certificate in Cisco CCNA Security program. This course provides students with skills necessary to understand security threats in network infrastructure and secure routers, switches, and other security appliances in a small to medium-sized networks. **CCENT CCC** This new College Credit Certificate in Cisco Certified Entry Network Technician or CCENT makes our existing Cisco Academy curriculum aligned with new changes that Cisco implemented in response to job market and industry demands for entry-level professional in the field of network infrastructure. The proposed CCENT CCC helps students prepare for entry-level networking career opportunities using routers and switches in small- to medium-sized organizations.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

E. Health Sciences

Dental Assisting PSAV

New Courses

Effective August 2015

Crs ID	Title	Pre/Co	Med Accident	Replace	Clock Hours
DEA 0137	Oral, Head and Neck Anatomy	NA	No	DES1020	48
DEA 0744	Dental Materials	C-DEA0744L	No	DES1100	32
DEA 0744L	Dental Materials Lab	C-DEA0744	Med Acc	DES1100L	32
DEA 0746	Dental Office Emergencies	NA	No	DES1600	16
DEA 0755	Dental Radiology	C-DEA0755L	No	DES1200	32
DEA 0755L	Dental Radiology Lab	C-DEA0755	Med Acc	DES1200L	32
DEA 0758	Introduction to Clinical Procedures	C-DEA0758L	No	DES1800	48

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DEA 0758L	Introduction to Clinical Procedures Lab	C-DEA0758	Med Acc	DES1800L	32
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Effective January 2016

Crs ID	Title	Pre/Co	Med Acc/Liab	Replace	Clock Hours
DEA 0743	Preventive Dentistry	NA	No	DES1840	32
DEA 0747	Office Management	NA	No	DES2502	16
DEA 0757	Expanded Functions	C-DEA0757L	No	DES1832	16
DEA 0757L	Expanded Functions Lab	C-DEA0757	Med Acc	DES1832L	32

Revised Courses

Crs ID	Title	Changes	Effective Dates	Clock Hours
DEA 0801L	Clinical Practice 2 Lab	Decrease clock hours from 256 to 192	January 2016 (2016-2)	256
DEA 0850L	Clinical Practice 3 Lab	Increase clock hours from 128 to 310	May 2016 (2016-3)	128
DEA 0940L	Dental Practicum 2 Lab	Decrease clock hours from 96 to 64	January 2016 (2016-2)	96

Deleted Courses

Crs ID	Title	Last Term Offered	Credits
DES1020	DES 1020 Dental Anatomy	May 2015 (2015-3)	3
DES1200L	DES 1200L Dental Radiology Lab	May 2015 (2015-3)	1
DES1600	DES 1600 Office Emergencies	May 2015 (2015-3)	1
DES1800L	DES 1800L Introduction to Clinical Procedures Lab	May 2015 (2015-3)	1
DES1100	DES 1100 Dental Materials	May 2015 (2015-3)	2
DES1100L	DES 1100L Dental Materials Lab	May 2015 (2015-3)	1
DES1832	DES 1832 Expanded Functions Lecture	May 2015 (2015-3)	1
DES2502	DES 2502 Office Management	May 2015 (2015-3)	1
DES1200	DES 1200 Dental Radiology	August 2015 (2016-1)	2
DES1800	DES 1800 Introduction to Clinical Procedures	August 2015 (2016-1)	3
DES1832L	DES 1832L Expanded Functions Lab	August 2015 (2016-1)	1
DES1840	DES 1840 Preventive Dentistry	August 2015 (2016-1)	2

Revised Program

Effective August 2015

Current	Proposed
Dental Assisting PSAV 5155	Dental Assisting PSAV 5155
REQUIRED COURSES CREDIT hours/voc. credits	REQUIRED COURSES Clock Hours
DES 1020 Dental Anatomy* 3/0	DEA 0137 Oral, Head and Neck Anatomy 48
DES 1200 Dental Radiology* 2/0	DEA 0755 Dental Radiology 32
DES 1200L Dental Radiology Lab* 1/0	DEA 0755L Dental Radiology Lab 32
DES 1600 Office Emergencies* 1/0	DEA 0746 Dental Office Emergencies 16
DES 1800 Introduction to Clinical Procedures* 3/0	DEA 0758 Introduction to Clinical Procedures 48
DES 1800L Introduction to Clinical Procedures Lab* 1/0	DEA 0758L Introduction to Clinical Procedures Lab 32
DES 1100 Dental Materials* 2/0	DEA 0744 Dental Materials 32
DES 1100L Dental Materials Lab* 1/0	DEA 0744L Dental Materials Lab 32
DES 1832 Expanded Functions Lecture* 1/0	DEA 0757 Expanded Functions 16
DES 1832L Expanded Functions Lab* 1/0	DEA 0757L Expanded Functions Lab 32
DES 1840 Preventive Dentistry* 2/0	DEA 0743 Preventive Dentistry 32
DES 2502 Office Management* 1/0	DEA 0747 Office Management 16
DEA 0130 Related Dental Theory 0/4	DEA 0130 Related Dental Theory 32
DEA 0800 Clinical Practice 1 0/4	DEA 0800 Clinical Practice 1 32

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DEA 0800L Clinical Practice 1 Lab	0/4	DEA 0800L Clinical Practice 1 Lab	128
DEA 0940L Dental Practicum 1 Lab	0/4	DEA 0940L Dental Practicum 1 Lab	24
DEA 0153 Dental Psychology and Communication	0/4	DEA 0153 Dental Psychology and Communication	32
DEA 0801 Clinical Practice 2	0/4	DEA 0801 Clinical Practice 2	32
DEA 0801L Clinical Practice 2 Lab	0/8	DEA 0801L Clinical Practice 2 Lab	192
DEA 0941L Dental Practicum 2 Lab	0/3	DEA 0941L Dental Practicum 2 Lab	96
DEA 0850 Dental Assisting Clinical Practice 3	0/4	DEA 0850 Dental Assisting Clinical Practice 3	16
DEA 0850L Clinical Practice 3 Lab	0/4	DEA 0850L Clinical Practice 3 Lab	310
Total Program Credits/Voc Credits	19/25	Total Program Clock Hours	1230
<i>*This course articulates with the Palm Beach State Dental Hygiene Program.</i>			

Justification: All New DEA PSAV Courses: The Dental Assisting Program is composed of DES college credit courses and DEA PSAV clock hour courses. A new federal regulation prevents students from receiving financial aid in the same term for both credit and non-credit classes. Therefore it is necessary for the DES courses to be converted into PSAV clock hour courses. **DEA 0801L, DEA0850L and DEA 0940L:** Due to ADA CODA revised Standard 2.21 effective January 2014, the students are required to have a minimum of 300 hours clinical experience. These clinical hours must be offered at the end of the program; after students receive basic clinical instruction. The program currently includes 128 Externship hours. Therefore, 172 hours will be needed to meet this requirement.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

F. Trade and Industry

1. Diesel Technology 1 PSAV

<u>Revised Course</u>	Effective May 2015 (20153)	
DIM 0007 Heavy Truck Brake Systems 1 (Removed prerequisite of DIM0303; keep corequisite listings)		150
DIM 0302 Diesel Electrical and Electronic Systems 1 (Remove prerequisite of DIM0006; keep corequisite listing)		150

Justification: DIM 0007 - Instructor experience has shown that the issue of a pre-req for a course other than the first and last course in the program really isn't necessary. This action removes the pre-req. A by-product of this solves an issue which didn't allow a student to register for all his classes in a term (without an override). As a result the student will now be eligible for a financial aid status of full time. **DIM 0302-** Prior to 2011, the sequence for Diesel Tech courses were Diesel Engines 1 & 2, followed by Diesel Electrical 1 & 2. Diesel Engines 2 was established as a pre-req for Diesel Electrical 1. It was determined by the Program Director that Electrical 1 should be run immediately following Diesel 1, because of the some electrical knowledge needed in the engine class. This change allows for the pre-req to be removed from Diesel Engines 2, because we changed the order of the courses to be Diesel Engines 1, Diesel Electrical 1, Diesel Engines 2 and Diesel Electrical 2.

Discussion:

Data sources consulted: Curriculum Support Documents

Action

2. Aeronautical Science AS

<u>Revised Courses</u>	Effective August 2015	
ASC 1101 Aero-Navigation (AS) (Revise course description and learning outcomes, remove "PP" special designator)		3
ASC 1210 Aero-Meteorology (AS) (Remove "PP" special designator)		3

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ASC 1310	Aero-Safety and Regulations (AS) (Remove “PP” special designator)	3
ASC 1640	Propulsion Systems (AS) (Revise course description, remove “PP” special designator)	3
ASC 2550	Aerodynamics (AS) (Revise course description, remove “PP” special designator)	3
ATF 1111C	Private Pilot Flight 1 - Airplane (AS) (Remove DE designator, revise course description.)	2
ATF 1112C	Private Pilot Flight 2 - Airplane (AS) (Add pre/coreq of ATT1100 with a grade of C or higher to CD panel, add PP designator, revise course description.)	2
ATF 1140C	Private Pilot Flight 1 - Helicopter (AS) (Revise course description)	2
ATF 1142C	Private Pilot Flight 2 - Helicopter (AS) (Add pre/coreq of ATT1100 with a grade of C or higher to CD panel, add PP special designator, revise course description)	2
ATF 1150LA	Flight Lab 1 - Airplane (AS) (Add pre/coreq of ATF1602C with a grade of C or higher to CD panel and prereq statement, remove AAS, and old CCC and AS control access codes from CD panel, revised course description)	.5
ATF 1150LB	Flight Lab 1 - Airplane (AS) (Add pre/coreq of ATF1602C with a grade of C or higher to CD panel and prereq statement, remove AAS and old CCC and AS control access codes from CD panel, revised course description)	.5
ATF 1342L	Flight Lab 1 - Helicopter (AS) (Add pre/coreq of ATF1602C with a grade of C or higher to CD panel and prereq statement and revise course description)	1
ATF 1602C	Flight Simulator (AS) (Remove AAS and old CCC and AS control access codes from CD panel, Remove PERT statement from prereq statement, revise course description)	3
ATF 2204C	Commercial Pilot Flight - Airplane (AS) (Add prereq of ATT2110 to CD panel, revise prereq statement, remove AAS and old CCC and AS control access codes from CD panel, remove DE special designator, revise course description)	2
ATF 2231C	Commercial Pilot Flight 1 Additional Rating - Airplane (AS) (Add “department chair permission required” to prereq panel, revise course description)	2
ATF 2232C	Commercial Pilot Flight 2 Additional Rating - Airplane (AS) (Add “department chair permission required” to prereq statement, revise course description)	2
ATF 2240L	Flight Lab 2 - Helicopter (AS) (Remove AAS and old CCC and AS control access codes from CD panel and revise course description)	1
ATF 2241C	Commercial Pilot Flight - Helicopter (AS) (Change ATT2110 from coreq to prereq only on CD and prereq statement, remove AAS and old CCC and AS control access codes from CD panel, revise course description)	2
ATF 2242L	Commercial Pilot External Load Flight - Helicopter (AS) (Add “department chair permission required” to prereq statement, remove AAS and old CCC and AS control access codes; add 2197A to control access codes on CD panel, revise course description)	1
ATF 2243	Commercial Pilot Turbine Flight - Helicopter (AS) (Add “department chair permission required” to prereq statement, remove AAS and old CCC and AS control access codes; add 2197A to control access codes on CD panel, revise course description)	1
ATF 2244L	Commercial Pilot Night Vision Goggles Flight - Helicopter (AS) (Add “department chair permission required” to prereq statement, remove AAS and old CCC and AS control access codes; add 2197A to control access codes on CD panel, revise course description)	1
ATF 2245C	Commercial Pilot Flight 1 Additional Rating – Helicopter (AS) (Add “department chair permission required” to prereq statement, revise course description)	2
ATF 2246C	Commercial Pilot Flight 2 Additional Rating – Helicopter (AS) (Add “department chair permission required” to prereq statement, revise course description)	2
ATF 2250L	Flight Lab 2 - Airplane (AS) (Remove AAS and old CCC and AS control access codes from CD panel, revise prereq statement and course description)	1
ATF 2300	Instrument Rating Flight 1 - Airplane (AS) (Add pre/coreq of ATF1602C with grade of C or higher to CD panel and prereq statement, change ATT2110 to prereq, remove AAS and old CCC and AS access codes from CD panel, remove DE special designator from CD panel, revise course description)	2
ATF 2302L	Instrument Rating Flight 2 - Airplane (AS) (Add pre/coreq of ATF1602C with a grade of C or higher to CD panel and prereq statement, remove AAS and old CCC and AS access codes from CD panel, add IA designator to CD panel, revise course description)	1
ATF 2340	Instrument Rating Flight 1 - Helicopter (AS) 2 (Change ATT2120 from coreq to prereq only, remove AAS and old CCC and AS control access codes from CD panel, revise course descriptions)	2
ATF 2341L	Instrument Rating Flight 2 - Helicopter (AS) (Remove AAS and old AS control access codes from CD panel, add IH special designator to CD panel, revise course description)	1
ATF 2400L	Commercial Pilot Multi-Engine Flight - Airplane (AS) (Add “department chair permission required” to	

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	prereq statement, remove AAS and old CCC and AS control access codes; add 2197H control access code to CD panel, revise course description)	1
ATF 2500C	Flight Instructor (Initial CFI) Flight - Airplane (AS) (Change ATT2131 from a coreq to a prereq, add “department chair permission required” to prereq statement, remove AAS and old CCC and AS control access codes, add 2197H to CD panel, remove 4A and DL special designators, revise course description)	2
ATF 2510L	Flight Instructor Multi-Engine (MEI) Flight – Airplane (AS) (Add “department chair permission required” to prereq statement, remove 1F and 4A designators off CD panel, add 3A designator to CD panel, remove AAS and old CCC and AS control access codes from CD panel, revise course description)	1
ATF 2530L	Flight Instructor Instrument (CFI-I) Flight - Airplane (AS) (Add “department chair permission required” to prereq statement, remove 1F and 2A designator and add 3A designator to CD panel, remove AAS and old CCC and AS control access codes, add 2197H control access to CD panel, revise course description)	1
ATF 2540L	Flight Instructor (Initial CFI) Flight - Helicopter (AS) (Change ATT2131 coreq to prereq on CD and in prereq statement, remove 4H designator from CD panel, remove AAS and old CCC and AS control access codes, add 2197A to CD panel, revise course description)	1
ATF 2541L	Flight Instructor Instrument (CFI-I) Flight - Helicopter (AS) (Add “department chair permission required” to prereq statement, remove 1F and 2H designators, add 3H designator to CD panel, remove AAS and old CCC and AS control access codes, add 2197A to CD panel, revise course descriptions)	1
ATT 1100	Private Pilot Ground School (AS) (Revise course description and learning outcomes, add special fee for FAA Knowledge Test (fee based on pending affiliation agreement), remove “PP” special designator)	3
ATT 2110	Commercial Pilot Ground School (AS) (Revise course description and learning outcomes, add pre/coreq of ATT2120 with a grade of C or higher to CD panel, add special fee for FAA Knowledge Test (fee based on pending affiliation agreement)	3
ATT 2120	Instrument Ground School (AS) (Revise course description and learning outcomes, add pre/coreq of ATT2120 with a grade of C or higher to CD panel, add special fee for FAA Knowledge Test (fee based on pending affiliation agreement)	3
ATT 2131	Flight Instructor Ground School (AS) (Revise course description and learning outcomes, add pre/coreq of ATT2110 with a grade of C or higher to CD panel, add special fee for FAA Knowledge Test (fee based on pending affiliation agreement)	3

Revised Program

Effective August 2015

The program sequence for both the Airplane AS Concentration and Helicopter AS Concentration was revised.

Current Airplane Course Sequence			Proposed Airplane Course Sequence		
	Science Prof Pilot Airplane (AS 2197A)			Science Prof Pilot Airplane (AS 2197A)	
Term One - Fall (Year One)		Credit: 13	Term One - Fall (Year One)		Credit: 16
ATF1111C	Private Pilot Flight 1 - Airplane (AS)	2		Any MAC prefix course from Mathematics – see PBSC Catalog Area III of General Education Courses	3
ATF1112C	Private Pilot Flight 2 - Airplane (AS)	2		Any ASC course	3
ATF1602C	Flight Simulator (AS)	3	ATF1111C	Private Pilot Flight 1 - Airplane (AS)	2
ATT1100	Private Pilot Ground School (AS)	3	ATF1112C	Private Pilot Flight 2 - Airplane (AS)	2
ATT2120	Instrument Ground School (AS)	3	ATT1100	Private Pilot Ground School (AS)	3
			ATT2120	Instrument Ground School (AS)	3
Term Two - Spring (Year One)		Credit: 13	Term Two - Spring (Year One)		Credit: 16
ATT2110	Commercial Pilot Ground School (AS)	3		Any PHY prefix course from Natural Science– see PBSC Catalog Area IV of General Education Courses	3
ATT2131	Flight Instructor Ground School (AS)	3	ATF1602C	Flight Simulator	3
	Elective	4	ATT2110	Commercial Pilot Ground School (AS)	3
	ATF1150LA-B - Flight Lab 1 - Airplane (AS)	1	ATT2131	Flight Instructor Ground School (AS)	3
ATF2300	Instrument Rating Flight 1 - Airplane (AS)	2		ATF1150LA-B - Flight Lab 1 - Airplane (AS)	1

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ATF2302L	Instrument Rating Flight 2 - Airplane (AS)	1	ATF2300	Instrument Rating Flight 1 - Airplane (AS)	2
ATF2250L	Flight Lab 2 - Airplane (AS)	1	ATF2302L	Instrument Rating Flight 2 - Airplane (AS)	1
ATF2204C	Commercial Pilot Flight - Airplane (AS)	2			
Term Three - Summer (Year One)			Term Three - Summer (Year One)		
	Elective	1	ENC1101	College Composition 1 (AA)	3
	Elective	1	SPC1017	Fundamentals of Speech Communication	3
	Elective	3		Any ASC course	3
				Any ASC course	3
			ATF2250L	Flight Lab 2 - Airplane (AS)	1
			ATF2204C	Commercial Pilot Flight - Airplane (AS)	2
Term One - Fall (Year Two)			Term One - Fall (Year Two)		
				Any course from Humanities – see PBSC Catalog Area II of General Education Courses	3
ASC2550	Aerodynamics (AS)	3		Any course from Social Science – see PBSC Catalog Area V of General Education Courses	3
-	Any course from Social Science – Area V	3		Any ASC Course	3
ENC1101	College Composition 1 (AA)	3		Any ASC Course	3
-	Any MAC prefix course from Mathematics - Area III	3		Elective	5
ASC1101	Aero Navigation (AS)	3			
ASC1310	Aero Safety and Regulations (AS)	3			
Term Two - Spring (Year Two)			Term Two - Spring (Year Two)		
ASC1640	Propulsion Systems (AS)	3			
ASC1210	Aero-Meteorology (AS)	3			
SPC1017	Fundamentals of Speech Communication (AA)	3			
-	Any course from Humanities – Area II	3			
-	Any PHY prefix course from Natural Science Area IV	3			
Total Program Credit: 64			Total Program Credit: 64		

Current	Helicopter Course Sequence		Proposed Helicopter Course Sequence	
Aeronautical Science Professional Pilot (AS 2197H)			Aeronautical Science Professional Pilot (AS 2197H)	
Term One - Fall (Year One)		Credits: 13	Term One - Fall (Year One)	
				Credits: 15
ATF1140C	Private Pilot Flight 1 - Helicopter (AS)	2		Any MAC prefix course from Mathematics – see PBSC Catalog Area III of General Education Courses
ATF1142C	Private Pilot Flight 2 - Helicopter (AS)	2		Any ASC course
ATF1602C	Flight Simulator (AS)	3	ATF1140C	Private Pilot Flight 1 - Helicopter (AS)
ATT1100	Private Pilot Ground School (AS)	3	ATF1142C	Private Pilot Flight 2 - Helicopter (AS)
ATT2120	Instrument Ground School (AS)	3	ATT1100	Private Pilot Ground School (AS)
			ATT2120	Instrument Ground School (AS)
Term Two - Spring (Year One)		Credits: 14	Term Two - Spring (Year One)	
ATT2110	Commercial Pilot Ground School (AS)	3	ATF1602C	Flight Simulator (AS)
ATT2131	Flight Instructor Ground School (AS)	3		Any PHY prefix course from Natural Science – see PBSC Catalog Area IV of

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				General Education Courses	
ATF1342L	Flight Lab 1 - Helicopter (AS)	1	ATT2110	Commercial Pilot Ground School (AS)	3
ATF2340	Instrument Rating Flight 1 - Helicopter (AS)	3	ATT2131	Flight Instructor Ground School (AS)	3
ATF2341L	Instrument Rating Flight 2 - Helicopter (AS)	1	ATF1342L	Flight Lab 1 - Helicopter (AS)	1
ATF2240L	Flight Lab 2 - Helicopter (AS)	1	ATF2340	Instrument Rating Flight 1 - Helicopter (AS)	2
ATF2241C	Commercial Pilot Flight - Helicopter (AS)	2	ATF2341L	Instrument Rating Flight 2 - Helicopter (AS)	1
	Elective	1			
Term Three - Summer (Year One)		Credits: 4	Term Three - Summer (Year One)		Credits: 15
-	Elective	1	ENC1101	College Composition 1 (AA)	3
-	Elective	1	SPC1017	Fundamentals of Speech Communication	3
-	Elective	1		Any ASC course	3
-	Elective	1		Any ASC course	3
-			ATF2240L	Flight Lab 2 - Helicopter (AS)	1
-			ATF2241C	Commercial Pilot Flight - Helicopter (AS)	2
Term One - Fall (Year Two)		Credits: 18	Term One - Fall (Year Two)		Credits: 17
ENC1101	College Composition 1 (AA)	3		Any ASC Course	3
-	Any MAC prefix course from Mathematics - Area III	3		Any ASC Course	3
-	Any course from Social Science - Area V	3		Any course from Humanities - see PBSC Catalog Area II of General Education Courses	3
ASC1101	Aero Navigation (AS)	3		Any course from Social Science - see PBSC Catalog Area V of General Education Courses	3
ASC1310	Aero Safety and Regulations (AS)	2		Elective	5
ASC2550	Aerodynamics (AS)	3			
Term Two - Spring (Year Two)		Credits: 15			
ASC1640	Propulsion Systems (AS)	-			
ASC1210	Aero Meteorology (AS)	3			
SPC1017	Fundamentals of Speech Communication (AA)	3			
-	Any course from Humanities - Area II	3			
-	Any PHY prefix course from Natural Science Area IV	3			
Total Program Credits: 64			Total Program Credits: 64		

Justification: This is a revision of an existing program. In 2008 when the helicopter track was added, references to “airplanes” in the course learning outcomes should have been changed to “aircraft.” Next, when the TSA changed the sequence of the Flight Simulator class (ATF1602C) to be included in the semester of the Instrument Rating training, ATF1602C should have become a Pre/Corequisite to the Instrument Rating courses. Finally, during a site visit to the affiliation flight schools, it was determined that many students were not successful in the flight courses because they had not completed their FAA Knowledge Test for that license or rating. Therefore, the FAA knowledge test will become a completion requirement for the FAA ground school classes. Then the FAA ground school classes will become prerequisites to the flight courses.

Discussion:

Data sources consulted: Curriculum Support Documents

Action

3. Engineering Technology AS

New Courses

Effective August 2015

Course	Title	Credits	Lecture/lab	Pre/coreq	Special fee	Med acc/liab
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Palm Beach State College
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EET1084C	Electrical Circuits and Electronics	3	32/48	P-MAC1105/C-PHY1001	\$33	both
EET1141C	Analog Devices	3	32/32	P-EET1025C	\$25	both
EET1142C	Analog Circuits	3	32/32	P-EET1141C	\$25	both
EET1610C	Through-Hole Surface Mount Soldering	3	32/32	P-EET1084C or EET1215C	\$35	both
EET2325C	Electronic Communications Systems	3	32/32	P-EET1084C or EET1215C or ETP1200	\$24	both
EET2609C	Electronic Fabrication and Fiber Optics	3	32/32	P-EET1084C or EET1215C	\$24	both
EET2620C	Advanced Surface Mount Soldering Technology	3	32/32	P-EET1610C	\$35	both
EET2724C	Schematic Capture and Modeling	3	32/32	P-EET1084C or EET1215C	\$18	both
EGS2122	Geometric Dimensioning and Tolerancing	2	32 lect	P-ETM1010C	None	both
ETD2320C	Introduction to AutoCAD	3	32/32	NA	None	NA
ETD2941	Engineering Technology Internship	3	240 clin (5 contact hrs per credit per week)	P-ETM1010C, ETI1701, ETI2110, ETI1830, ETD2320C, (EET1084C or EET1215C)	None	both
ETD2950C	Special Topics in Engineering Technology	3	16/64	P-ETM1010C, ETI1701, ETI2110, ETI1830, ETD2320C, (EET1084C or EET1215C)	\$55	both
ETI1830	Materials and Processes 1	3	48 lect	NA	None	NA
ETI2110	Introduction to Quality Assurance	3	48 lect	NA	None	NA
ETP1400C	Distributed Electric Power Generation and Storage	3	32/32	P-EET1084C or EET1215C or ETP1200	\$24	both
ETP1550	Alternative Fuels and Electric Vehicle Technologies	3	48 lect	P-EET1084C or EET1215C or ETP1200	None	NA
ETP2410C	Photovoltaic Technology	3	32/32	P-EET1084C or EET1215C or ETP1200	\$16	both
ETS1810C	Energy Efficient Buildings	3	32/32	NA	None	both

Effective August 2016

Course	Title	Credits	Lecture/lab	Pre/coreq	Special fee	Med acc/liab
EET1611C	Standard Testing and Certification	3	32/32	P-EET1084C or EET1215C	\$35	both
ETD2340C	AutoCAD 2	3	32/32	P-ETD2320C	None	both
ETD2355C	AutoCAD 3D Modeling	3	32/32	P-ETD2340C	None	both

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ETD2364C	SolidWorks Fundamentals	3	32/32	P-ETD2320C	None	NA
ETI1411	Manufacturing Process	3	48 lect	P-ETI2110 and ETI1830	None	NA
ETI622	Concepts of Lean Manufacturing and Six Sigma	3	48 lect	NA	None	NA
ETI2121C	Non-Destructive and Destructive Testing	3	32/32	P-ETI1701, ETI1830, ETI2851C	\$44	both
ET2460C	Composites Fundamentals	3	32/32	P-ETI2851C	\$85	both
ETI2851C	Applied Mechanics	3	32/32	P-ETI1830 and ETI1701	\$15	both
ETS1240	Fiber Optic Technologies	3	48 lect	P-EET1084C or EET1215C or ETP1200	None	both
ETM1010C	Mechanical Measurements & Instruments	2	16/32	P-MAC1105 and ETI1701	\$20	both

Revised Courses

Effective August 2015

CET 2123C	Microprocessors 1 (Change prereq to EET1215C or EET1084C with a grade of C or higher)	3
ETP 1402	Introduction to Solar Energy (Change prereq to ETP1200 or EET1215C or EET1084C with a grade of C or higher)	3
ETP 1511C	Introduction to Biofuels (Change prereq to ETP1200 or EET1215C or EET1084C with a grade of C or higher)	3
ETP1530C	Introduction to Wind Energy (Change prereq to ETP1200 or EET1215C or EET1084C with a grade of C or higher)	3
ETP 1540	Introduction to Hydro Power (Change prereq to ETP1200 or EET1215C or EET1084C with a grade of C or higher)	3

Effective August 2016

ETS 2520C	Process Measurement Fundamentals (Change prereq to EET1215C or EET1084C with a grade of C or higher)	2
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New Program

Effective August 2015

ENGINEERING TECHNOLOGY AS DEGREE (CIP 1615000001 60 Credits)

ALTERNATIVE ENERGY SYSTEMS CONCENTRATION (Program Code 1)

GENERAL EDUCATION COURSES

CREDITS

SPC 1017	Fundamentals of Speech Communication	3
MAC 1105	College Algebra	3
ENC 1101	College Composition 1	3
PSY2012	General Psychology	3
	Humanities Area II	3
PHY1001	Applied Physics	3
Total General Education Credits		18

CORE COURSES

ETM 1010C	Mechanical Measurements & Instruments (2 credit hours)	
ETI 1701	Environmental Health & Safety	3
ETI 2110	Introduction to Quality Assurance	3
ETI 1830	Materials and Processes 1	3
ETD 2320C	Introduction to AutoCAD	3

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EET 1084C Electrical Circuits and Electronics	3
Total Core Course Credits	17

ALTERNATIVE ENERGY SYSTEMS REQUIRED COURSES

ETP 1400C Distributed Electric Power Generation and Storage	3
ETP 1402 Introduction to Solar Energy	3
ETP 1511C Introduction to Biofuels	3
ETP 1530C Introduction to Wind Energy	3
ETP 1540 Introduction to Hydro Power	3
ETP 1550 Alternative Fuels and Electric Vehicle Technologies	3
Technical Electives (7 credits)	7
Total Alternative Energy Systems Concentration Credits	25

ALTERNATIVE ENERGY SYSTEMS TECHNICAL ELECTIVES:

ETP 2410C Photovoltaic Technology	3
ETS 1810C Energy Efficient Buildings	3
ETP 1510C Biofuels and Biomass	3

GENERAL TECHNICAL ELECTIVES:

EET 2325C Electronic Communication Systems	3
EET 2609C Electronic Fabrication and Fiber Optics	3
EET 1611 Standard Testing and Certification	3
EGS 2122 Geometric Dimensioning and Tolerancing	2
ETI 1411 Manufacturing Process	3
ETI 1622 Concepts of Lean Manufacturing and Six Sigma	3
ETD 2340C AutoCAD 2	3
ETD 2355C AutoCAD 3D Modeling	3
ETD 2950C Special Topics in Engineering Technology	3
ETD 2941 Engineering Technology Internship	3

TOTAL Program Credits	60
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ELECTRONICS CONCENTRATION (Program Code 2)

GENERAL EDUCATION COURSES

	CREDITS
SPC 1017 Fundamentals of Speech Communication	3
MAC 1105 College Algebra	3
ENC 1101 College Composition 1	3
PSY2012 General Psychology	3
Humanities Area II	3
PHY1001 Applied Physics	3

Total General Education Credits	18
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CORE COURSES

ETM 1010C Mechanical Measurements & Instruments (2 credit hours)	
ETI 1701 Environmental Health & Safety	3
ETI 2110 Introduction to Quality Assurance	3
ETI 1830 Materials and Processes 1	3
ETD 2320C Introduction to AutoCAD	3
EET 1084C Electrical Circuits and Electronics (*1)	3

Total Core Course Credits	17
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ELECTRONICS REQUIRED COURSES

EET 1015C DC Circuit Analysis	3
EET 1025C AC Circuit Analysis	3
EET 1215C Introduction to Electronics	3
CET 2123C Microprocessors 1	3
CET 2127C Microprocessors 2	3
EET 1141C Analog Devices	3
Technical Electives (7 credits)	7
Total Electronics Concentration Credits	25

ELECTRONICS TECHNICAL ELECTIVES:

EET 2724C Schematic Capture and Modeling	3
EET 1610C Through-Hole and Surface-Mount Soldering	3
EET 2620C Advanced Surface-Mount Soldering Technology	3
EET 1142C Analog Circuits	3
EET 2609C Electronic Fabrication and Fiber Optics	3

GENERAL TECHNICAL ELECTIVES:

EET 2325C Electronic Communication Systems	3
EET 2609C Electronic Fabrication and Fiber Optics	3
EET 1611 Standard Testing and Certification	3
EGS 2122 Geometric Dimensioning and Tolerancing	2
ETI 1411 Manufacturing Process	3
ETI 1622 Concepts of Lean Manufacturing and Six Sigma	3
ETD 2340C AutoCAD 2	3
ETD 2355C AutoCAD 3D Modeling	3
ETD 2950C Special Topics in Engineering Technology	3
ETD 2941 Engineering Technology Internship	3

TOTAL Program Credits **60**

*(*1) For Electronics concentration EET 1084C Electrical Circuits and Electronics is replaced with EET 2325C Electronic Communication Systems*

**A course cannot be used more than once in the program.*

Effective August 2016

ADVANCED TECHNOLOGY CONCENTRATION (Program Code 3)

GENERAL EDUCATION COURSES

	CREDITS
SPC 1017 Fundamentals of Speech Communication	3
MAC 1105 College Algebra	3
ENC 1101 College Composition 1	3
PSY2012 General Psychology	3
Humanities Area II	3
PHY1001 Applied Physics	3
Total General Education Credits	18

CORE COURSES

ETM 1010C Mechanical Measurements & Instruments	2
ETI 1701 Environmental Health & Safety	3
ETI 2110 Introduction to Quality Assurance	3
ETI 1830 Materials and Processes 1	3

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ETD 2320C Introduction to AutoCAD	3
EET 1084C Electrical Circuits and Electronics	3
Total Core Course Credits	17

ADVANCED TECHNOLOGY REQUIRED COURSES

EET 2325C Electronic Communication Systems*	3
ETD 2364C SolidWorks Fundamentals	3
ETI 2851C Applied Mechanics	3
ETS 1240 Fiber Optic Technologies	3
ETS 2520C Process Measurement Fundamentals	3
ETI 2121C Non-Destructive and Destructive Testing	3
ETI 2460C Composites Fundamentals	3
Technical Electives (4 credits)	4
Total Advanced Technology Concentration Credits	25

ADVANCED TECHNOLOGY TECHNICAL ELECTIVES:

EET1141C Analog Devices	3
EET 2724C Schematic Capture and Modeling	3
EET 1610C Through-Hole and Surface-Mount Soldering	3
EET 2620C Advanced Surface-Mount Soldering Technology	3
EET 1142C Analog Circuits	3
EET 2609C Electronic Fabrication and Fiber Optics*	3

GENERAL TECHNICAL ELECTIVES:

EET 2325C Electronic Communication Systems*	3
EET 2609C Electronic Fabrication and Fiber Optics*	3
EET 1611 Standard Testing and Certification	3
EGS 2122 Geometric Dimensioning and Tolerancing	2
ETI 1411 Manufacturing Process	3
ETI 1622 Concepts of Lean Manufacturing and Six Sigma	3
ETD 2340C AutoCAD 2	3
ETD 2355C AutoCAD 3D Modeling	3
ETD 2950C Special Topics in Engineering Technology	3
ETD 2941 Engineering Technology Internship	3

TOTAL Program Credits **60**

**A course cannot be used more than once in the program.*

Revised Program

Effective August 2015

Current	Proposed
Electrical Power Technology AS 2270	Electrical Power Technology AS 2270
GENERAL EDUCATION REQUIREMENTS	GENERAL EDUCATION REQUIREMENTS
CREDITS	CREDITS
ENC 1101 College Composition 1	ENC 1101 College Composition 1
3	3
MAC 1105 College Algebra	MAC 1105 College Algebra
3	3
SPC 1017 Fundamentals of Speech Communication	SPC 1017 Fundamentals of Speech Communication
3	3
PSY 2012 General Psychology	PSY 2012 General Psychology
3	3
PHY 1001 Applied Physics	PHY 1001 Applied Physics
3	3
Any course from Humanities Area II	Any course from Humanities Area II
3	3
Total Required General Education Credits	Total Required General Education Credits
18	18
CORE PROGRAM REQUIREMENTS	CORE PROGRAM REQUIREMENTS

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EET 1015C	DC Circuit Analysis	3	EET 1015C	DC Circuit Analysis	3
EET 1025C	AC Circuit Analysis	3	EET 1025C	AC Circuit Analysis	3
ETP 1220	Power Plant Fundamentals	3	ETP 1220	Power Plant Fundamentals	3
ETI 1701	Industrial Safety	3	ETI 1701	Industrial Safety	3
CGS 1100	Microcomputer Applications		CGS 1100	Microcomputer Applications	
-or-			-or-		
EVR 2266	Survey of Environmental Mappings/GIS/ Remote Sensing*	3	EVR 2266	Survey of Environmental Mappings/GIS/ Remote Sensing*	3
ETP 1200	Power Plant Science	3	ETP 1200	Power Plant Science	3
ETI 1000	Industrial Tools and Equipment	3	ETI 1000	Industrial Tools and Equipment	3
EET 1215C	Introduction to Electronics	3	EET 1215C	Introduction to Electronics	3
CET 2123C	Microprocessors 1	3	CET 2123C	Microprocessors 1	3
CET 2127C	Microprocessors 2	3	CET 2127C	Microprocessors 2	3
ETS 2520C	Process Measurement Fundamentals	2	ETS 2520C	Process Measurement Fundamentals	2
ETS 2700C	Fluid and Pneumatic Controls	3	ETS 2700C	Fluid and Pneumatic Controls	3
ETS 2530C	Process Control Technology	3	ETS 2530C	Process Control Technology	3
EET 2930C	Special Topics in Electrical Engineering	3	EET 2930C	Special Topics in Electrical Engineering	3
Total Required Core Program Credits		41	Total Required Core Program Credits		41
ELECTIVES (9 CREDITS REQUIRED)			ELECTIVES (9 CREDITS REQUIRED)		
ETI 2941	EPT Internship (6 credits)	6	ETI 2941	EPT Internship (6 credits)	6
ETI 2942	EPT Internship (3 credits)	3	ETI 2942	EPT Internship (3 credits)	3
ETP 1511C	Introduction to Bio Fuels	3	ETP 1511C	Introduction to Bio Fuels	3
ETP 1530C	Introduction to Wind Energy	3	ETP 1530C	Introduction to Wind Energy	3
ETP 1540	Introduction to Hydro Power	3	ETP 1540	Introduction to Hydro Power	3
ETP 1402	Introduction to Solar Energy	3	ETP 1402	Introduction to Solar Energy	3
EVR 2266	Survey of Environmental Mapping/GIS/ Remote Sensing*	3	EVR 2266	Survey of Environmental Mapping/GIS/ Remote Sensing*	3
ETP 1510C	Biofuels and Biomass	3	ETP 1510C	Biofuels and Biomass	3
ETP 2137C	Electrical Distribution Substations	3	ETP 2137C	Electrical Distribution Substations	3
Total Required Electives Credits		9	ETP 2410C	Photovoltaic Technology	3
Total Program Credits		68	ETS 1810C	Energy Efficient Buildings	3
<i>*Course may only be used once toward the A.S. degree.</i>			ETP 1400C	Distributed Electrical Generation and Storage	3
			ETP 1550	Alternative Fuels and Electric Vehicle Technologies	3
			EET2325C	Electronic Communications Systems	3
			Total Required Electives Credits		9
			Total Program Credits		68
			<i>*Course may only be used once toward the A.S. degree.</i>		

Justification: All new courses: Addition of this course is required for the approved new AS degree in Engineering Technology. This is a core/concentration/technical elective course for the new degree. **All revised courses:** Due to creation of a new AS degree in Engineering Technology and inclusion of this course in one of its concentrations, an additional option of a pre-requisite course selection was required. **New Engineering Technology AS Degree:** There is a huge unmet need for engineering technologists in the County. This new field of training has been requested and supported by most of the companies in Electrical Power Technology program BPC. The degree has been approved by the appropriate College's bodies. The first three proposed concentrations would cover the three main focuses identified by these companies: Alternative Energy Systems, Electronics, and Advanced Technology. The VPAA and PBG Campus Dean agreed that because of the scope of this program development, two concentrations would be included in the 2015-2016 catalog (Alternative Energy Systems and Electronics) and the remaining concentration (Advanced Technology) would roll-out for the 2016-2017 catalog. **Electrical Power Technology AS Revision:** This change includes the addition of new electives in alternative energy field due to addition of these new courses for new Engineering Technology AS program as well as changes to some pre-requisites due to inclusion of the existing EPT courses into new ET AS program.

Discussion:

Data sources consulted: Curriculum Support Documents

Action

Palm Beach State College
Curriculum Committee Agenda
January 29, 2015

G. 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					

Attendance	Faculty and Instructors
	Victor Aikhionbare, Political Science -1 st Year LW
	Garfield Basant, Math-2 nd Year LW
	Elizabeth Horvath, Computer Science 1 st Year LW
	Kristin Hopkins, Art and Graphic Design, 2 nd Year LW
	Lilian Jordan, Physics-1 st Year PBG
	Judy Maxwell, Aeronautical Science-3rd Year LW CHAIR
	Mary Pernal, English-Literature-2 nd Year PBG
	Nancy Peifer-Neil, BSN 2 nd Year District
	Doreen Singer, Surgical Technology PSAV-2 nd Year LW
	Victor Slesinger, Foreign Languages-2 nd Year LW
	Vetaley Stashenko, Natural Sciences-2 nd Year BG
	Michele Tiggie, BAS Health Adm-1 st Year District
	Debra Trigoboff, Education-1st Year BR
	Administrative Members
	Irving Berkowitz, Academic Dean, 1 st Year, LW
	Henry Ponciano, Student Services Asst. Dean, 1 st Year, PBG
	Edward Mueller, District Registrar
	Thomas Vo, District Financial Aid Director
	Nancy Zinser, Academic Associate Dean, Health Sciences 1 st Year LW
	Kathy Gamble, Academic Services (Non-voting)
	Ginger Pedersen, Dean- 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						