Palm Beach State College
Curriculum Committee Agenda
February 28, 2013 (*Revised 2/27/13*)

FA - Possible Financial Aid Action Warranted

I. **Approval of January 24, 2013 Minutes**

   Discussion:

   Data sources consulted: Minutes

   Action:

II. **FYI Information**

   CCE/Avocational Course Dictionary Actions January 17 to February 21, 2013

New Avocational and CCE Courses	Title	Clock Hours
CWO0280	Deskside Computer Coaching	2
FFO0418	Basic Fire Behavior	3
HEO0186	VPK Language and Literacy 2: Oral Language and Vocabulary	10
POO0522	Glock Armorer	8
POO0523	Glock Instructor	24

Revised Avocational and CCE Courses	Title	Changes
HRO0142	Budgeting Basics	Change course title to Budget Basics; Change special fee from $19 to $40; Update course description.

   Housekeeping
   The Physics Cluster proposed and approved changes to the course description of EGN1002C Introduction to Engineering that were not considered curriculum changes. These changes were made effective May 2013.

   Minutes Corrections
   1/24/13. IV. C. PHY2048 as Honors Physics with Calculus 1-the title should read Honors General Physics with Calculus 1 to reflect the correct title.

III. **Old Business**

   Discussion:

   Data sources consulted: Curriculum Support Documents

   Action:

IV. **New Business**   **Credits/Clock Hours**

   A. **AA Courses**

      1. **Honors Mathematics**

         New Courses   **Effective June 2013**
         MAC2311   Honors Calculus with Analytic Geometry 1 (4 lecture contact hours, Prerequisite:
                 Admission to the Honors College, (MAC1114 and MAC1140 with a grade of C or higher)
                 or MAC1147 with a grade of C or higher)   4
         MAC2312   Honors Calculus with Analytic Geometry 2 (4 lecture contact hours; Prerequisite Admission
                 to the Honors College, MAC2311 with a grade of C or higher)   4

Justification: To provide an Honors level Calculus course for students in the Math Science Institute and to expand the offering of Honors mathematics courses available through the Honors College. Approved by both Math Cluster and Honors Advisory Committee.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

2. **Photography**

Revised Course   **Effective August 2013**
PGY1401C   Introduction to Photography (change course repeat limit from 1 to 3 times)   3

Justification: Darkroom/chemical photography requires students to master technical skills that require practice using specific equipment not normally available to them outside of the lab or classroom. Repetition of Introduction to Photography would enable to the student not only to solidify the technical skills learned in the first semester but to gain experience in increasingly involved techniques and workflow problems. Students would have an opportunity to begin to build a body of consistent black and white photographic work.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

B. **Developmental Courses**

   EAP PERT Scores

Revised Courses   **Effective May 2013**
EAP0420   Intermediate Reading (Change PERT placement scores from 50-68 to 50-73. CPT scores
            will remain the same. All other details of the course description, outline and fees will remain the
            same.)   3
EAP0460   Intermediate Grammar (Change PERT placement scores from 50-71 to 50-80. CPT scores
            will remain the same. All other details of the course description, outline and fees will remain the
            same.)   3
EAP1520   High-Intermediate Reading (Change PERT placement scores from 69-83 to 74-8*3*. CPT scores
            will remain the same. All other details of the course description, outline and fees will remain the
            same.)   3
EAP1584   High Intermediate English ((Change PERT placement scores from 72-89 to 81-89. CPT scores
            will remain the same. All other details of the course description, outline and fees will remain the
            same.)   3

Justification: The EAP Cluster is requesting this curriculum action because since the first revision of the PERT scores, the trend in enrollment for the EAP0400 level has continued to decrease and enrollment in the EAP1500 level has continued to increase because the cut-scores are too low. Before the implementation of the new un-normed PERT scores, the EAP0400 level consistently had a healthy number of sections, but now we are down to one section on the Lake Worth campus and the Boca and Gardens campuses had to cancel their sections. Because of the drop in enrollment at the EAP0400 level, the EAP1500 level has increased in sections because they are being filled by students who should be in the EAP0400 level. The 1500 level has 8 to 9 sections this semester (spring, 2013-2) when before the PERT there used to be a consistent 5 sections. To validate the fact that students are placing too high, EAP instructors are experiencing and reporting that students entering the 1500 level of EAP have the skills of students who should be at the 0400 level. As a result, we need to change the cut-scores to re-capture the EAP0400 level population so we can continue to offer that

level of English instruction to the students who need it.

The EAP cluster arrived at the proposed cut-scores by taking an average of the students' PERT scores who are registered in the 1500 level and triangulating the results of the PERT with the results of a Diagnostic Exam administered the first week of classes. The overwhelming majority of students who did not pass the 1500 level diagnostic all scored just below or below 80 on the PERT. The cut-scores were adjusted based on that information, so instead of students who scored above 71 (old PERT Score) ending up in EAP1500 level, they will now need to score above 80 to place into the 1500 level. That way, students will test into the 0400 level where the material is more appropriate to address their needs.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

C. **Business and Office Management**

1. **Accounting Technology AS**

Revised AS Degree   **Effective August 2013**

Current Accounting Technology AS (2050)		Proposed Accounting Technology AS (2050)	
GENERAL EDUCATION REQUIREMENTS	**CREDITS**	**GENERAL EDUCATION REQUIREMENTS**	**CREDITS**
ENC 1101 College Composition 1	3	ENC 1101 College Composition 1	3
HSC 2100 Health Concepts and Strategies	3	HSC 2100 Health Concepts and Strategies	3
Any course from Mathematics - Area III	3	Any course from Mathematics - Area III	3
SPC 1017 Fundamentals of Speech Communication	3	SPC 1017 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
Total Required General Education Credits	**18**	**Total Required General Education Credits**	**18**
REQUIRED COURSES		**REQUIRED COURSES**	
ACG 2022 Financial Accounting	4	ACG 2022 Financial Accounting	4
ACG 2071 Managerial Accounting	3	ACG 2071 Managerial Accounting	3
ACG 2100 Intermediate Accounting	3	ACG 2100 Intermediate Accounting	3
ACG 2360 Cost Accounting	3	ACG 2360 Cost Accounting	3
ACG 2450 Microcomputer Operations - Accounting	3	ACG 2450 Microcomputer Operations - Accounting	3
CGS 1513 Electronic Spreadsheets	3	CGS 1513 Electronic Spreadsheets	3
APA 1111 Bookkeeping	3	APA 1111 Bookkeeping	3
APA 2172 Computerized Bookkeeping	3	APA 2172 Computerized Bookkeeping	3
BUL 2241 Business Law 1		BUL 2241 Business Law 1	
-or-		-or-	
GEB 1011 Introduction to Business		GEB 1011 Introduction to Business	
-or-		-or-	
MAN 2021 Principles of Management	3	MAN 2021 Principles of Management	3
CGS 1100 Microcomputer Applications	3	CGS 1100 Microcomputer Applications	3
MNA 2100 Human Relations in Business	3	MNA 2100 Human Relations in Business	3
GEB2214 Business Communications	3	GEB2214 Business Communications	3
TAX 2000 Federal Income Tax 1	3	TAX 2000 Federal Income Tax 1	3
TAX 2010 Federal Income Tax 2	3	TAX 2010 Federal Income Tax 2	3
Total Required Courses Credits	**43**	**Total Required Courses Credits**	**43**
ELECTIVE (3 CREDITS REQUIRED)		**ELECTIVE (3 CREDITS REQUIRED)**	
Select any course with the prefix BUL, CGS, ECO, GEB, MAN, MAR, MKA, MNA, OST, PLA, SBM, or TAX	3	Select any course with the prefix BUL, CGS, ECO, ENT, GEB, MAN, MAR, MKA, MNA, OST, PLA, or TAX	3
Total Program Credits	**64**	**Total Program Credits**	**64**

Justification: This housekeeping action corrects the elective list for Accounting Technology AS to reflect the change of SBM2000 Small Business Management to ENT1000 ~~Intro to~~ *Fundamentals of* Entrepreneurship.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

2. Office Administration CCC-AS

Revised Courses   **Effective August 2013**
OST2621C   Legal Transcription (Change prerequisite of OST 1100C, OST 2431 to OST 1100C ~~or OTA 0100~~,
                     Wording revised in outline; special fees and description remain the same.)   3
OST 2714C Word Processing (WordPerfect removed from course description; course outline and special fees
                     remain the same.)   3

Deleted Course   **Effective August 2013**
OST2603C   Machine Transcription (Course deleted as Five Year Rule course (no enrollment in five years))   3

Revised CCCs   **Effective August 2013**

Current Office Administration CCCs		**Proposed Office Administration CCCs**	
Legal Office Management CCC 6112		**Legal Office Management CCC 6112**	
REQUIRED COURSES	**CREDITS**	**REQUIRED COURSES**	**CREDITS**
CGS 1100 Microcomputer Applications	3	CGS 1100 Microcomputer Applications	3
MTB 1103 Business Mathematics	3	MTB 1103 Business Mathematics	3
OST 1100C Beginning Keyboarding*	3	OST 1100C Beginning Keyboarding*	3
OST 1110C Intermediate Keyboarding**	3	OST 1110C Intermediate Keyboarding**	3
OST 1355 Records Management	3	OST 1355 Records Management	3
OST 2431 Legal Office Procedures	3	OST 2431 Legal Office Procedures	3
OST 2621C Legal Transcription	3	OST 2621C Legal Transcription	3
OST 2714C Word Processing	3	OST 2714C Word Processing	3
ELECTIVE (3 CREDITS REQUIRED)		**ELECTIVE (3 CREDITS REQUIRED)**	
Select any course with the prefix BUL, OST, or PLA	3	GEB 2214 – Business Communications	3
~~Note: OST 1141L cannot be used as an elective.~~		or	
		Select any credit course with the prefix BUL, OST, or PLA***.	
Total Program Credits	**27**	**Total Program Credits**	**27**
*OST 1100C will not be offered in the program. In order to meet this course requirement, students must either successfully complete OTA 0100 or pass the challenge exam for the course.		**OST 1100C will not be offered in the program. In order to meet this course requirement, students must either successfully complete OTA 0100 or pass the challenge exam for the course.*	
**OST 1110C will not be offered in the program. In order to meet this course requirement, students must either successfully complete OTA 0131 or pass the challenge exam for the course.		***OST 1110C will not be offered in the program. In order to meet this course requirement, students must either successfully complete OTA 0131 or pass the challenge exam for the course.*	
		***OST 1141L cannot be used as an elective.	
Office Management CCC 6114		**Office Management CCC 6114**	
REQUIRED COURSES	**CREDITS**	**REQUIRED COURSES**	**CREDITS**
APA 1111 Bookkeeping	3	APA 1111 Bookkeeping	3
CGS 1100 Microcomputer Applications	3	CGS 1100 Microcomputer Applications	3
MTB 1103 Business Mathematics	3	MTB 1103 Business Mathematics	3
OST 1100C Beginning Keyboarding*	3	OST 1100C Beginning Keyboarding*	3
OST 1110C Intermediate Keyboarding**	3	OST 1110C Intermediate Keyboarding**	3
OST 1355 Records Management	3	OST 1355 Records Management	3
OST 2402 Office Procedures and Technology	3	OST 2402 Office Procedures and Technology	3
OST 2714C Word Processing	3	OST 2714C Word Processing	3
ELECTIVE (3 CREDITS REQUIRED)		**ELECTIVE (3 CREDITS REQUIRED)**	
CGS 1513 Electronic Spreadsheets		CGS 1513 Electronic Spreadsheets	
-or-		-or-	
CGS 1543 Database Management		CGS 1543 Database Management	
-or-		-or-	
Select any course with the prefix OST	3	GEB 2214 Business Communications	3
~~Note: OST 1141L cannot be used as an elective.~~		or	

Total Program Credits	**27**

*OST 1100C will not be offered in the program. In order to meet this course requirement, students must either successfully complete OTA 0100 or pass the challenge exam for the course.

**OST 1110C will not be offered in the program. In order to meet this course requirement, students must either successfully complete OTA 0131 or pass the challenge exam for the course.

Office Specialist CCC 6483

REQUIRED COURSES		CREDITS
CGS 1100	Microcomputer Applications	3
OST 1100C	Beginning Keyboarding*	3
OST 1355	Records Management	3
OST 2402	Office Procedures and Technology	3
OST 2714C	Word Processing	3

ELECTIVE (3 CREDITS REQUIRED)

Select any course with the prefix OST   3
~~Note: OST 1141L cannot be used as an elective.~~

Total Program Credits	**18**

*OST 1100C will not be offered in the program. In order to meet this course requirement, students must either successfully complete OTA 0100 or pass the challenge exam for the course.

Office Support CCC 6482

REQUIRED COURSES		CREDITS
CGS 1100	Microcomputer Applications	3
OST 1100C	Beginning Keyboarding*	3
OST 2714C	Word Processing	3

ELECTIVE (3 CREDITS REQUIRED)

Select any course with the prefix OST   3
~~Note: OST 1141L cannot be used as an elective.~~

Total Program Credits	**12**

*OST 1100C will not be offered in the program. In order to meet this course requirement, students must either successfully complete OTA 0100 or pass the challenge exam for the course.

Select any credit course with the OST prefix***

Total Program Credits	**27**

*OST 1100C will not be offered in the program. In order to meet this course requirement, students must either successfully complete OTA 0100 or pass the challenge exam for the course.

**OST 1110C will not be offered in the program. In order to meet this course requirement, students must either successfully complete OTA 0131 or pass the challenge exam for the course.

***OST 1141L cannot be used as an elective.

Office Specialist CCC 6483

REQUIRED COURSES		CREDITS
CGS 1100	Microcomputer Applications	3
OST 1100C	Beginning Keyboarding*	3
OST 1355	Records Management	3
OST 2402	Office Procedures and Technology	3
OST 2714C	Word Processing	3

ELECTIVE (3 CREDITS REQUIRED)

GEB 2214	Business Communications	3

or
Select any credit course with the OST prefix**

Total Program Credits	**18**

*OST 1100C will not be offered in the program. In order to meet this course requirement, students must either successfully complete OTA 0100 or pass the challenge exam for the course.

**OST 1141L cannot be used as an elective.

Office Support CCC 6482

REQUIRED COURSES		CREDITS
CGS 1100	Microcomputer Applications	3
OST 1100C	Beginning Keyboarding*	3
OST 2714C	Word Processing	3

ELECTIVE (3 CREDITS REQUIRED)

GEB 2214	Business Communications	3

or
Select any 3 credit course with the OST prefix**

Total Program Credits	**12**

*OST 1100C will not be offered in the program. In order to meet this course requirement, students must either successfully complete OTA 0100 or pass the challenge exam for the course.
** OST 1141L cannot be used as an elective.

<u>Revised AS Degree</u>

Effective August 2013

Current Office Administration AS 2485		**Proposed Office Administration AS 2485**	
GENERAL EDUCATION REQUIREMENTS	**CREDITS**	**GENERAL EDUCATION REQUIREMENTS**	**CREDITS**
ENC 1101 College Composition 1	3	ENC 1101 College Composition 1	3
SPC 1017 Fundamentals of Speech Communication	3	SPC 1017 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
Any course from Mathematics - Area III		Any course from Mathematics - Area III	
-or-		-or-	
Natural Science- Area IV	3	Natural Science- Area IV	3
Total Required General Education Credits	**15**	**Total Required General Education Credits**	**15**
REQUIRED COURSES		**REQUIRED COURSES**	
APA 1111 Bookkeeping	3	APA 1111 Bookkeeping	3
CGS 1513 Electronic Spreadsheets	3	CGS 1513 Electronic Spreadsheets	3
CGS 1100 Microcomputer Applications	3	CGS 1100 Microcomputer Applications	3
CGS 1543 Database Management		CGS 1543 Database Management	
-or-		-or-	

OST 1783	Workplace Technologies		OST 1783	Workplace Technologies	
-or-			-or-		
OST 1811	Desktop Publishing	3	OST 1811	Desktop Publishing	3
OST 1100C	Beginning Keyboarding*	3	OST 1100C	Beginning Keyboarding*	3
OST 1108	Building Typing Speed and Accuracy	1	OST 1108	Building Typing Speed and Accuracy	1
OST 1110C	Intermediate Keyboarding**	3	OST 1110C	Intermediate Keyboarding**	3
OST 1355	Records Management	3	OST 1355	Records Management	3
MTB 1103	Business Mathematics	3	MTB 1103	Business Mathematics	3
OST 1828	Presentation Graphics for Business	3	OST 1828	Presentation Graphics for Business	3
OST 1831	Microsoft Windows	1	OST 1831	Microsoft Windows	1
GEB 2214	Business Communications	3	GEB 2214	Business Communications	3
OST 2339	Business English Review	1	OST 2339	Business English Review	1
OST 2402	Office Procedures and Technology	3	OST 2402	Office Procedures and Technology	3
OST 2714C	Word Processing	3	OST 2714C	Word Processing	3
OST 2501	Administrative Office Management	3	OST 2501	Administrative Office Management	3
OST 1384	Customer Service	3	OST 1384	Customer Service	3
Total Required Courses Credits		**45**	**Total Required Courses Credits**		**45**
ELECTIVE (3 CREDITS REQUIRED)			**ELECTIVE (3 CREDITS REQUIRED)**		
APA 2172	Computerized Bookkeeping	4	APA 2172	Computerized Bookkeeping	4
ACG 2450	Microcomputer Operations Accounting	3	ACG 2450	Microcomputer Operations Accounting	3
BUL 2241	Business Law 1	3	BUL 2241	Business Law 1	3
CGS 2555	Introduction to the Internet	3	CGS 2555	Introduction to the Internet	3
CGS 1543	Database Management	3	CGS 1543	Database Management	3
GEB 1011	Introduction to Business	3	GEB 1011	Introduction to Business	3
MNA 2100	Human Relations in Business	3	MNA 2100	Human Relations in Business	3
OST 2431	Legal Office Procedures	3	OST 2431	Legal Office Procedures	3
OST 2621C	Legal Transcription	3	OST 2621C	Legal Transcription	3
~~OST 2603C~~	~~Machine Transcription~~	~~3~~	OST 1811	Desktop Publishing	3
OST 1811	Desktop Publishing	3	ENT 1000	Fundamentals of Entrepreneurship	3
ENT 1000	Fundamentals of Entrepreneurship	3	OST 1783	Workplace Technologies	3
OST 1783	Workplace Technologies	3	**Total Required Elective Credits**		**3**
Total Required Elective Credits		**3**	**Total Program Credits**		**63**
Total Program Credits		**63**			

OST 1100C will not be offered in the program. In order to meet this course requirement, students must either successfully complete OTA 0100 or pass the challenge exam for the course.

**OST 1110C will not be offered in the program. In order to meet this course requirement, students must either successfully complete OTA 0131 or pass the challenge exam for the course.*

Justification: OST2621C- Cluster is deleting ~~OTA~~*OTA*2431 from the prerequisite because students do not need to have previously taken this course to be successful in Legal Transcription. *~~OTA0100 Introduction to Keyboarding/Word Processing is being added to the prerequisite as an "or" option with OST 1100C Beginning Keyboarding. OTA0100 is equivalent to OST1100C. Since OST students are required to take OTA0100 as a replacement for OST1100C, it is being added as a prerequisite.~~* OST2603C and AS Degree Revision- This course was a Five year Rule course not having enrollment in the past five years. This was the reason for the AS degree revision as well. Revised CCCs-The listed certificate programs require an elective course where students "select any credit course with the OST prefix" to equal three credits. Before the latest curriculum changes went into effect in August 2012, students were able to take Business Communications as an elective because the course number was OST 2335. With the recent course number curriculum change, Business Communications now has a GEB prefix. This curriculum request is needed so that students can continue to take Business Communications to fulfill their elective requirement in the above listed certificate programs.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

D. Computer Science and Information Technology

<u>New Courses</u>   **Effective August 2013**
COP2XXX   C# Programming (3 lecture contact hours, AW grading system, Prerequisite: COP1000,
                   Special Fee: $25)   3
COP2XXX   Android Programming (3 lecture contact hours, AW grading system, Prerequisite: COP1000,
                   Special Fee: $10)   3

<u>Revised Courses</u>   **Effective August 2013**
CTS1650   Cisco 1 Networking Essentials (Change prerequisite CTS 1150 to CNT2000 (with a grade of B or
                   Higher. No description, outline or fee change)   3

<u>Deleted Course</u>   **Effective August 2013**
COP 2838   Advanced Visual Basic .NET (Five Year Rule course-no enrollment in five years)   3

<u>New Credit Certificates</u>   **Effective August 2013**
Computer Programming Specialist CCC (CIP 0507.030503)
    CGS 1100 Microcomputer Applications   3 credits
    COP 1000 Introduction to Programming Logic   3 credits
    COP 2840 Server-Side Programming *   3 credits
    Any three COP programming classes (Total of 9 credits)   9 credits
                                 TOTAL   18 credits

   *Student will need to complete COP1220, COP1332, COP2334, COP2800, or COP2831 to enroll in this
    certificate course.

Information Technology Administration CCC (CIP 0507.039904)
    CGS 1100 Microcomputer Applications   3 credits
    COP 1000 Introduction to Programming Logic   3 credits
    CGS 2555 Introduction to the Internet   3 credits
    CGS 1800 Introduction to Web Site Development   3 credits
    COP 2822 Web Page Design   3 credits
    CGS 2801 Advanced Web Page Media   3 credits
                                  TOTAL   18 credits
Information Technology Specialist CCC (CIP 0507.030403)
    CGS 1100 Microcomputer Applications   3 credits
    CTS 1110 Operating Systems   3 credits
    CTS 1150 Computer Maintenance and Repair   3 credits
    CTS 2301 UNIX Installation and Administration using Linux   3 credits
    CNT 2402 Implementing and Administrating Network Security   3 credits
    CNT 2000 Network Technologies   3 credits
    CTS 2334 Local Area Networks   3 credits
                                 TOTAL   21 credits

<u>Revised Credit Certificates</u>   **Effective August 2013**

Current Cisco CCNA CCC 6135			Proposed Cisco CCNA CCC 6135		
REQUIRED COURSES		**CREDITS**	**REQUIRED COURSES**		**CREDITS**
CTS 1650	Cisco 1 (Networking Essentials)	3	CTS 1650	Cisco 1 (Networking Essentials) *	3
CTS 2651	Cisco 2 (Router Technology)	3	CTS 2651	Cisco 2 (Router Technology)	3
CTS 2652	Cisco 3 (Switch Technology)	3	CTS 2652	Cisco 3 (Switch Technology)	3
CTS 2653	Cisco 4 (Project Based Learning)	3	CTS 2653	Cisco 4 (Project Based Learning)	3
Total Program Credits		**12**	**Total Program Credits**		**12**
			Students must complete CNT2000 with a grade of B or higher to enroll in this certificate course.		

Current Programming CCC 6137		
REQUIRED COURSES		**CREDITS**
CGS 1100	Microcomputer Applications	3
COP 1000	Introduction to Programming Logic	3
CIS 2321	Systems and Applications	3
COP 2700	Data Structures (SQL)	3
CIS 2513	Information Technology Project Management	3
CNT 2000	Network Technologies	3
CTS 2301	Unix Installation and Administration Using Linux	3
Total Required Courses Credits		**21**
PROGRAMMING LANGUAGES – CHOOSE 12 CREDITS		
COP 1220	Introduction to Programming in C	3
COP 2334	Programming in C++	3
COP 2800	Programming in Java	3
COP 2840	Server-side Programming	3
COP 1332	Visual Basic Programming	3
COP 2838	Advanced Visual Basic .NET	3
COP 2805	Advanced Java Programming	3
COP 2831	Advanced Web Page Applications (XML and JavaScript)	3
Total Programming Languages Credits		**12**
Total Program Credits		**33**

Proposed Programming CCC 6137		
REQUIRED COURSES		**CREDITS**
CGS 1100	Microcomputer Applications	3
COP 1000	Introduction to Programming Logic	3
CIS 2321	Systems and Applications	3
COP 2700	Data Structures (SQL)	3
CIS 2513	Information Technology Project Management	3
CNT 2000	Network Technologies	3
CTS 2301	Unix Installation and Administration Using Linux	3
Total Required Courses Credits		**21**
PROGRAMMING LANGUAGES – CHOOSE 12 CREDITS		
COP2XXX	C# Programming	3
COP 1220	Introduction to Programming in C	3
COP2XXX	Android Programming	3
COP 2334	Programming in C++	3
COP 2654	Objective C Programming	3
COP 2800	Programming in Java	3
COP 2840	Server-side Programming	3
COP 1332	Visual Basic Programming	3
COP 2805	Advanced Java Programming	3
COP 2831	Advanced Web Page Applications (XML and JavaScript)	3
Total Programming Languages Credits		**12**
Total Program Credits		**33**

Revised AS Degree   **Effective August 2013**

Current Computer Programming AS 2126		
GENERAL EDUCATION REQUIREMENTS		**CREDITS**
Unless otherwise specified, select courses from each General Education category. See pages 40-41.		
ENC 1101	College Composition 1	3
SPC 1017	Fundamentals of Speech Communication	3
Any course from Humanities - Area II		3
Any MAC prefix course from Mathematics – Area III		3
Any course from Health and Foreign Language - Area VI		3/4
Any course from Social Science - Area V		3
Total Required General Education Credits		**18**
REQUIRED COURSES		
CGS 1100	Microcomputer Applications	3
COP 1000	Introduction to Programming Logic	3
CIS 2321	Systems and Applications	3
COP 2700	Data Structures (SQL)	3
CIS 2513	Information Technology Project Management	3
CNT 2000	Network Technologies	3
CTS 2301	Unix Installation and Administration Using Linux	3
Total Required Courses Credits		**21**
PROGRAMMING LANGUAGES – CHOOSE 15 CREDITS		
COP 1220	Introduction to Programming in C	3
COP 2334	Programming in C++	3
COP 2800	Programming in Java	3
COP 2840	Server-side Programming	3
COP 1332	Visual Basic Programming	3
COP 2838	Advanced Visual Basic .NET	3
COP 2805	Advanced Java Programming	3
COP 2831	Advanced Web Page Applications (XML and JavaScript)	3
Total Programming Languages Credits		**15**
BUSINESS/COMPUTER ELECTIVES (9 CREDITS REQUIRED)		

Proposed Computer Programming AS 2126		
GENERAL EDUCATION REQUIREMENTS		**CREDITS**
Unless otherwise specified, select courses from each General Education category. See pages 40-41.		
ENC 1101	College Composition 1	3
SPC 1017	Fundamentals of Speech Communication	3
Any course from Humanities - Area II		3
Any MAC prefix course from Mathematics – Area III		3
Any course from Health and Foreign Language - Area VI		3/4
Any course from Social Science - Area V		3
Total Required General Education Credits		**18**
REQUIRED COURSES		
CGS 1100	Microcomputer Applications	3
COP 1000	Introduction to Programming Logic	3
CIS 2321	Systems and Applications	3
COP 2700	Data Structures (SQL)	3
CIS 2513	Information Technology Project Management	3
CNT 2000	Network Technologies	3
CTS 2301	Unix Installation and Administration Using Linux	3
Total Required Courses Credits		**21**
PROGRAMMING LANGUAGES – CHOOSE 15 CREDITS		
COP2XXX	C# Programming	3
COP 1220	Introduction to Programming in C	3
COP2XXX	Android Programming	3
COP 2334	Programming in C++	3
COP 2654	Objective C Programming	3
COP 2800	Programming in Java	3
COP 2840	Server-side Programming	3
COP 1332	Visual Basic Programming	3
COP 2805	Advanced Java Programming	3
COP 2831	Advanced Web Page Applications (XML and JavaScript)	3

Any courses with the prefix CEN, CIS, CGS, COP, CTS, ACG, APA, ECO, or GEB *		Total Programming Languages Credits	15
Total Required Electives Credits	**9**	**BUSINESS/COMPUTER ELECTIVES (9 CREDITS REQUIRED)**	
Total Program Credits	**63**	Any courses with the prefix CEN, CIS, CGS, COP, CTS, ACG, APA, ECO, or GEB *	
A course cannot be used more than once in the program.		**Total Required Electives Credits**	**9**
		Total Program Credits	**63**
		A course cannot be used more than once in the program.	

Justification: <u>COP2XXX C# Programming/COP2XXX Android Programming</u>- By rapid proliferation of mobile devices especially smart phones and tablets, the importance of mobile applications become vital for any computer science programming curriculum. Recently Microsoft joined the big players such as Google and Apple with its own tablet called Surface; in addition Microsoft has been increasing its market share in smart phone market. Therefore, the proposed new programming language, "C# Programming" provides the opportunity to serve our students. Currently Google with its Open Source Android platform closes the gap with Apple and this new proposed programming course, "Android Programming" provides our students with a comprehensive set of programming choices to make them more competitive in today's job market and even enable them to start their own businesses.

<u>CTS1650 and Cisco CCC</u> - Many students who only completed CTS 1150 Computer Maintenance and Repair did not have sufficient skills to be successful in the class. It was recommended that the pre-requisite for CTS1650 be changed to CNT 2000 Network Technology with a B or above. Ali Fazelpour also mentioned that Cisco Network Academy is trying to work on maintaining the integrity of the tests. Priority in registering should be given to those students who are pursuing the Cisco CCNA CCC or Network Administration AS degree. This course prerequisite change requires a note to be added to the Cisco CCC since CNT2000 is not included in the certificate.

<u>COP2838</u>- This course is a Five Year Rule course that has not had enrollment in 5 years. This course is being deleted and removed from the Programming CCC and the Computer Programming AS.

<u>Computer Programing Specialist CCC</u> - The courses in this new CCC are already part of a longer CCC, the Programming CCC. The Cluster wants to fill the needs of students who only need the core networking classes and encourage them to continue on the longer CCC and the Programming AS degree. The Computer Information Systems Business Partnership Council approved this certificate. The main goal is to allow students an exit point when they require only those skills covered in these classes which are necessary for their jobs.

<u>Information Technology Administration CCC</u> - The courses in this new CCC are already part of a longer CCC, the Web Development Specialists CCC. The Cluster wants to fill the needs of students who only need the core networking classes and encourage them to continue on the longer CCC and the Internet Services Technologies AS degree. The Computer Information Systems Business Partnership Council approved this certificate. The main goal is to allow students an exit point when they require only those skills covered in these classes which are necessary for their jobs.

<u>Information Technology Technician CCC</u> - The courses are already part of a longer CCC, the Information Management CCC. The Cluster wants to fill the needs of students who only need the core networking classes and encourage them to continue on the longer CCC and the Network Administration AS degree.

The Computer Information Systems Business Partnership Council approved this certificate. The main goal is to allow students an exit point when they require only those skills covered in these classes which are necessary for their jobs.

<u>Programming CCC and Computer Programming AS</u>- New programming languages are continuing to be developed. As new languages are added to the curriculum and others are dropped. It is necessary to add the new languages as programming core courses.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

E. **Public Safety**

Criminal Justice AS

<u>Deleted AS Degree Concentration</u>   **Effective August 2013**

Current Criminal Justice Technology AS	**Proposed Criminal Justice Technology AS**

CORRECTIONS OFFICER CONCENTRATION
AS 2605

GENERAL EDUCATION REQUIREMENTS — CREDITS

Unless otherwise specified, select courses from each General Education category. See pages 40-41.

ENC 1101	College Composition I	3
Any course from Mathematics - Area III		3
POS 1041	Introduction to American Government	3
HSC 2100	Health Concepts and Strategies	3
-or-		
SPN 1120	Elementary Spanish I	4
SPC 1017	Fundamentals of Speech Communication	3
Any course from Humanities - Area II		3
Total Required General Education Credits		**18/19**

REQUIRED COURSES

CCJ 1010	Introduction to Criminology	3
CCJ 1020	Administration of Criminal Justice	3
CJE1711	Criminal Justice Capstone Course	3
CJJ 2002	Juvenile Delinquency	3
CJB 2713	Introduction to Forensic Science	3
CJE 1300	Police Administration I	3
CJL 2100	Criminal Law	3
Total Required Courses Credits		**21**

REQUIRED CONCENTRATION

Corrections Academy - (Florida Corrections Academy and state exam passage required)	19
Total Required Concentration Credits	**19**

ELECTIVES (6 CREDITS REQUIRED)

CGS1100	Microcomputer Applications	3
CJE 1301	Police Administration II	3
CCJ 1618	Criminal Psychology	3
CJL 1062	Introduction to Constitutional Law	3
CJL 2130	Laws of Evidence	3
CJL 2403	Law of Arrest, Search and Seizure	3
CJE 2600	Criminal Investigation	3
DSC1002	Terrorism and U.S. Security	3
Total Required Electives Credits		**6**
Total Program Credits		**64**

For a suggested educational plan (course sequence), please see
www.palmbeachstate.edu/x3223.xml?id=106

LAW ENFORCEMENT OFFICER CONCENTRATION
AS 2606

GENERAL EDUCATION REQUIREMENTS — CREDITS

Unless otherwise specified, select courses from each General Education category. See pages 40-41.

ENC 1101	College Composition I	3
Any course from Mathematics – Area III		3
POS 1041	Introduction to American Government	3
HSC 2100	Health Concepts and Strategies	3
-or-		
SPN 1120	Elementary Spanish I	4
SPC 1017	Fundamentals of Speech Communication	3
Any course from Humanities - Area II		3
Total Required General Education Credits		**18/19**

REQUIRED COURSES

CCJ 1010	Introduction to Criminology	3
CCJ 1020	Administration of Criminal Justice	3

LAW ENFORCEMENT OFFICER CONCENTRATION
AS 2606

GENERAL EDUCATION REQUIREMENTS — CREDITS

Unless otherwise specified, select courses from each General Education category. See pages 40-41.

ENC 1101	College Composition I	3
Any course from Mathematics – Area III		3
POS 1041	Introduction to American Government	3
HSC 2100	Health Concepts and Strategies	3
-or-		
SPN 1120	Elementary Spanish I	4
SPC 1017	Fundamentals of Speech Communication	3
Any course from Humanities - Area II		3
Total Required General Education Credits		**18/19**

REQUIRED COURSES

CCJ 1010	Introduction to Criminology	3
CCJ 1020	Administration of Criminal Justice	3
CJE1711	Criminal Justice Capstone Course	3
CJJ 2002	Juvenile Delinquency	3
CJB 2713	Introduction to Forensic Science	3
CJE 1300	Police Administration I	3
CJL 2100	Criminal Law	3
Total Required Courses Credits		**21**

REQUIRED CONCENTRATION

Law Enforcement Academy (Florida Law Enforcement Academy and state exam passage required)	22
Total Required Concentration Credits	**22**

ELECTIVE (3 CREDITS REQUIRED)

CGS 1100	Microcomputer Applications	3
CJE 1301	Police Administration II	3
CCJ 1618	Criminal Psychology	3
CJL 1062	Introduction to Constitutional Law	3
CJL 2130	Laws of Evidence	3
CJL 2403	Law of Arrest, Search and Seizure	3
CJE 2600	Criminal Investigation	3
DSC1002	Terrorism and U.S. Security	3
Total Required Elective Credits		**3**
Total Program Credits		**64**

For a suggested educational plan (course sequence), please see
www.palmbeachstate.edu/x3223.xml?id=107

GENERAL (NON-SWORN) CONCENTRATION
AS 2611

GENERAL EDUCATION REQIREMENTS — CREDITS

Unless otherwise specified, select courses from each General Education category. See pages 40-41.

ENC 1101	College Composition I	3
Any course from Mathematics – Area III		3
POS 1041	American Government	3
HSC 2100	Health Concepts and Strategies	3
-or-		
SPN 1120	Elementary Spanish I	4
SPC 1017	Fundamentals of Speech Communications	3
Any course from Humanities - Area II		3
Total Required General Education Credits		**18/19**

REQUIRED COURSES

CCJ 1010	Introduction to Criminology	3
CCJ 1020	Administration of Criminal Justice	3

CJE1711	Criminal Justice Capstone Course	3
CJJ 2002	Juvenile Delinquency	3
CJB 2713	Introduction to Forensic Science	3
CJE 1300	Police Administration I	3
CJL 2100	Criminal Law	3
Total Required Courses Credits		**21**

REQUIRED CONCENTRATION

Law Enforcement Academy (Florida Law Enforcement	
Academy and state exam passage required)	22
Total Required Concentration Credits	**22**

ELECTIVE (3 CREDITS REQUIRED)

CGS 1100	Microcomputer Applications	3
CJE 1301	Police Administration II	3
CCJ 1618	Criminal Psychology	3
CJL 1062	Introduction to Constitutional Law	3
CJL 2130	Laws of Evidence	3
CJL 2403	Law of Arrest, Search and Seizure	3
CJE 2600	Criminal Investigation	3
DSC1002	Terrorism and U.S. Security	3
Total Required Elective Credits		**3**
Total Program Credits		**64**

For a suggested educational plan (course sequence), please see
www.palmbeachstate.edu/x3223.xml?id=107

GENERAL (NON-SWORN) CONCENTRATION
AS 2611

GENERAL EDUCATION REQIREMENTS	**CREDITS**

Unless otherwise specified, select courses from each General
Education category. See pages 40-41.

ENC 1101	College Composition I	3
Any course from Mathematics – Area III		3
POS 1041	American Government	3
HSC 2100	Health Concepts and Strategies	3
-or-		
SPN 1120	Elementary Spanish I	4
SPC 1017	Fundamentals of Speech Communications	3
Any course from Humanities - Area II		3
Total Required General Education Credits		**18/19**

REQUIRED COURSES

CCJ 1010	Introduction to Criminology	3
CCJ 1020	Administration of Criminal Justice	3
CJJ 2002	Juvenile Delinquency	3
CCJ1618	Criminal Psychology	3
CJB 2713	Introduction to Forensic Science	3
CJE 1300	Police Administration I	3
CJL 2100	Criminal Law	3
Total Required Courses Credits		**21**

REQUIRED CONCENTRATION

CCJ/CJE/CJL/CJB courses		18
CJE 1711	Criminal Justice Capstone Course	3
Total Required Concentration Credits		**21**

ELECTIVE (3 CREDITS REQUIRED)

CJE 1301	Police Administration II	3
CGS 1100	Microcomputer Applications	3
CJL 1062	Introduction to Constitutional Law	3
CJL 2130	Laws of Evidence	3
CJL 2403	Law of Arrest, Search, and Seizure	3
CJE 2600	Criminal Investigation	3
DSC1002	Terrorism and U.S. Security	3

CJJ 2002	Juvenile Delinquency	3
CCJ1618	Criminal Psychology	3
CJB 2713	Introduction to Forensic Science	3
CJE 1300	Police Administration I	3
CJL 2100	Criminal Law	3
Total Required Courses Credits		**21**

REQUIRED CONCENTRATION

CCJ/CJE/CJL/CJB courses		18
CJE 1711	Criminal Justice Capstone Course	3
Total Required Concentration Credits		**21**

ELECTIVE (3 CREDITS REQUIRED)

CJE 1301	Police Administration II	3
CGS 1100	Microcomputer Applications	3
CJL 1062	Introduction to Constitutional Law	3
CJL 2130	Laws of Evidence	3
CJL 2403	Law of Arrest, Search, and Seizure	3
CJE 2600	Criminal Investigation	3
DSC1002	Terrorism and U.S. Security	3
Total Required Elective Credits		**3**

Total Program Credits 64

Total Required Elective Credits	**3**
Total Program Credits 64	

Justification: The Corrections track of the Criminal Justice AS (2605) is being deleted from the program due to lack of enrollment and the privatization of the Corrections industry in the State of Florida.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

F. Trade and Industry

1. Green Building Trades PSAV

Revised Courses   **Effective August 2013**
BCV 0002   Green Building Trades Core Introductory Skills (Change title to Introduction to Sustainable Concepts, increase contact hours to 150, revise description and learning outcomes; no change to special fees.)   90
BCV 0830   Energy Efficient Construction Skills Green Building Trades Core Introductory Skills (Change title to Alternative Energy, increase contact hours to 150, revise description and learning outcomes; no change to special fees.)   120
BCV 0710   Insulation Practices Green Building Trades Core Introductory Skills (Change title to Introduction to Sustainable HVAC Practices, increase contact hours to 150, revise description and learning outcomes; no change to special fees.)   120
BCV 0605   Basics of the Electrical Trade Green Building Trades Core Introductory Skills (Change title to Solar Photovoltaic Systems Installer, increase contact hours to 150, revise description and learning outcomes; no change to special fees.)   120
BCV 0606   Applications of the Electrical Trade Green Building Trades Core Introductory Skills (Change title to Introduction to Sustainable Electrical Practices, increase contact hours to 150, revise description and learning outcomes; no change to special fees.)   120
BCV 0500   Basics of the Plumbing Trade Green Building Trades Core Introductory Skills (Change title to Introduction to Sustainable Plumbing Practices, increase contact hours to 150, revise description and learning outcomes; no change to special fees.)   120

Deleted Courses   **Effective August 2013**
BCV 0510   Applications of the Plumbing Trade   120
BCV 0831   Fundamental Applications of the Green Building Trades   90

Revised PSAV Certificate   **Effective August 2013**

Current Green Building Trades PSAV 5247		Proposed Green Building Trades PSAV 5247	
REQUIRED COURSES	**CLOCK HOURS**	**REQUIRED COURSES**	**CLOCK HOURS**
Group A		**Group A**	
BCV 0002 Green Building Trades Core Introductory Skills	90	BCV 0002 Introduction to Sustainable Concepts	150
BCV 0830 Energy Efficient Construction Skills	120	BCV 0830 Alternative Energy	150
BCV 0710 Insulation Practices	120	BCV 0710 Introduction to Sustainable HVAC Practices	150
BCV 0605 Basics of the Electrical Trade	120	BCV 0605 Solar Photovoltaic Systems Installer	150
Group B		**Group B**	
BCV 0606 Applications of the Electrical Trade	120	BCV 0606 Introduction to Sustainable Electrical Practices	150
BCV 0500 Basics of the Plumbing Trade	120	BCV 0500 Introduction to Sustainable Plumbing Practices	150
BCV 0510 Applications of the Plumbing Trade	120		
BCV 0831 Fundamental Applications of the Green Building Trades	90		
Total Program Clock Hours	**900**	**Total Program Clock Hours**	**900**

Justification: This PSAV program focuses not only on broad, transferable skills but also on highly technical applied green building trades skills and stresses understanding and demonstration of trades skills concepts that include, classroom and laboratory skills training. This program includes marketable skills necessary for entry level residential electrical, residential plumbing, residential HVAC and sustainable trades. With changes in the economy as well the demand for highly technical skills to enter the construction industry, this program offers a career pathway that responds to the portended critical shortage of technically trained entry level tradesmen. Palm Beach State College is an ACCREDITED TRAINING AND EDUCATION FACILITY (ATEF) for the National Center for Construction Education and Research (NCCER). Program completers will have compiled seven (7) certifications from NCCER for their employment portfolio.

The Green Building Trades program is being revised to better meet the standards of industry as it relates to Sustainability. The original program has not started therefore a teach-out plan is not required. Our objective is to start the new program August 2013. The new version will include 6 sections, each totaling 150 hours. The program length will remain the same at 900 hours. Each class contains specific sustainable curriculum related to the subject area. Topics from the previous curriculum remain in the new version along with an added section on HVAC and another section specific to alternative energy. Core, Weatherization, Solar, Sustainable Electrical practices and Sustainable Plumbing practices are all from the original version of the program. Fundamental Applications of the Green Building Trades will be consumed in each class as lab based tasks are required for each class.

The Green Building Trades program is being revised to better meet the standards of industry as it relates to Sustainability. The original program has not started therefore a teach-out plan is not required. Our objective is to start the new program August 2013. The new version will include 6 sections, each totaling 150 hours. The program length will remain the same at 900 hours. Each class contains specific sustainable curriculum related to the subject area. Topics from the previous curriculum remain in the new version along with an added section on HVAC and another section specific to alternative energy. Core, Weatherization, Solar, Sustainable Electrical practices and Sustainable Plumbing practices are all from the original version of the program. Fundamental Applications of the Green Building Trades will be consumed in each class as lab based tasks are required for each class.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

2. **HVAC PSAV**

Revised Courses   **Effective August 2013**

ACR 0066	Technical Engineering of HVAC/R Systems (Change grading system from SU to AW, all other details of the course remain the same.)	120
ACR 0307	Electronics and Refrigeration Systems (Change grading system from SU to AW, all other details of the course remain the same.)	120
ACR 0430	Indoor Air Quality for Air Conditioning (Change grading system from SU to AW, all other details of the course remain the same.)	120
ACR 0501	Introduction to HVAC/R Principles (Change grading system from SU to AW, all other details of the course remains the same.)	120
ACR 0510	HVAC/R Tools and Component Fabrication (Change grading system from SU to AW, all other details of the course remain the same.)	120
ACR 0530	Electricity for HVAC/R (Change grading system from SU to AW, all other details of the course remain the same.)	120
ACR 0622	Heating Service and System Troubleshooting (Change grading system from SU to AW, all other details of the course remain the same.)	120
ACR 0706	Introduction to HVAC/R System Installations (Change grading system from SU to AW, all other details of the course remain the same.)	120
ACR 0710	Commercial HVAC/R Mechanical Components (Change grading system from SU to AW, all other details of the course remain the same.)	120
ACR 0816	Installation and Repair of HVAC/R Systems (Change grading system from SU to AW, all other details of the course remain the same.)	120
ACR 0961	HVAC/R Field Work Experience 1 (Change grading system from SU to AW, all other details of the course remains the same.)	75
ACR 0962	HVAC/R Field Work Experience 2 (Change grading system from SU to AW, all other details of the course remains the same.)	75

ACR 0963 Field Work in HVAC/R 3 (Change grading system from SU to AW, all other details of the course remain the same.) 120

ACR 0964 Field Work in HVAC/R 4 (Change grading system from SU to AW, all other details of the course remain the same.) 120

Justification: The HVAC program is converting the grading system from Pass/Fail to letter grades to help reward student excellence and to help our graduates better compete with private, for-profit schools that use letter grades in transcripts. The standards of our program continue to be raised and this grading system will better differentiate student performance; it will cause many of the students to perform better.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

3.   Aeronautical Science AS

<u>New Courses</u>   **Effective August 2013**

ATF22X1C Commercial Pilot Flight 1 Additional Rating – Helicopter (1 lecture, 2 lab contact hours, SU grading, Prerequisite: Acceptance into the Aeronautical Science Flight Training Program, FAA Commercial Pilot Airplane License, Limited to program codes 2197A or 2197H, negotiated special fee) 2

ATF22X2C Commercial Pilot Flight 2 Additional Rating – Helicopter (1 lecture, 2 lab contact hours, SU grading, Prerequisite: Acceptance into the Aeronautical Science Flight Training Program; FAA Commercial Pilot Airplane License, ATF22X1C, limited to program codes 2197A, 2197H, negotiated special fee) 2

ATF22Y1C Commercial Pilot Flight 1 Additional Rating – Airplane (1 lecture, 2 lab contact hours, SU grading, Prerequisite: Acceptance into the Aeronautical Science Flight Training Program; FAA Commercial Pilot Airplane License, limited to program codes 2197A, 2197H, negotiated special fee) 2

ATF22Y2C Commercial Pilot Flight 2 Additional Rating – Airplane (1 lecture, 2 lab contact hours, SU grading, Prerequisite: Acceptance into the Aeronautical Science Flight Training Program; FAA Commercial Pilot Airplane License, ATF22X1C, limited to program codes 2197A, 2197H, negotiated special fee) 2

<u>Revised Courses</u>   **Effective August 2013**

ASC 1640 Propulsion Systems (Change prerequisite of MAC1105 to PERT test scores of 84 (Reading) and 90 (Writing) or above, or successful completion of REA0007 and ENC0015. Add program restriction of 2197 A/H, 6164 A/H, 2172.) 3

ATF 1100C Private Pilot Flight 1 – Airplane (Change grading system from AW to SU. Revise course description and contact hours to reflect change from 22 hours dual flight instruction, 3 hours supervised solo flight, 10 hours ground instruction, Solo, Solo Cross Country, and Checkride endorsements to 28 hours dual flight instruction, 7 hours supervised solo flight, 10 hours ground instruction and no endorsements.) 2

ATF 1101C Private Pilot Flight 2 – (Change grading system from AW to SU. Revise course description and contact hours to reflect change from 28 hours dual flight instruction, 7 hours supervised solo flight, 10 hours ground instruction and no endorsements to 22 hours dual flight instruction, 3 hours supervised solo flight, 10 hours ground instruction, Solo, Solo Cross Country, and Checkride endorsements.) 2

ATF 1140C Private Pilot Flight 1 – Helicopter (Change grading system from AW to SU. Change course description to revise contact hours from 22 hours of dual flight instruction, 3 hours of solo flight (supervised) and 15 hours of ground instruction to 35 hours of dual flight instruction and 10 hours of ground instruction. Revise Course Learning Outcomes.) 2

ATF 1142C Private Pilot Flight 2 – Helicopter (Change grading system from AW to SU. Change course description to revise contact hours from 28 hours of dual flight instruction, 7 hours of solo flight (supervised) and 15 hours of ground instruction to 25 hours of dual flight instruction, 10 hours of ground instruction and 10 hours of solo. Revise Course Learning Outcomes.) 2

ATF1150LA-B Flight Lab 1 – Airplane (Change grading system from AW to SU.) 1

ATF 1342L Flight Lab 1 – Helicopter (Change grading system from AW to SU. Change course description to reflect a contact hour change from 35 hours of dual flights and 5 hours of ground instruction

	to 35 hours of instrument training dual flights and 5 hours of ground instruction.)	1
ATF 1602C	Basic Flight Simulator (Add statement of a PERT (Postsecondary Education Readiness Test) score of 96 or above in Math, or successful completion of MAT0018 or higher level math course is required to existing prereq statement.	3
ATF 2200C	Commercial Pilot Flight - Airplane (Change grading system from AW to SU.)	2
ATF 2240L	Flight Lab 2 – Helicopter (Change grading system from AW to SU.)	1
ATF 2241C	Commercial Pilot Flight – Helicopter (Change grading system from AW to SU.)	2
ATF 2242L	Commercial Pilot External Load Flight – Helicopter (Change grading system from AW to SU.)	1
ATF 2243	Commercial Pilot Turbine Flight – Helicopter (Change grading system from AW to SU.)	1
ATF 2244L	Commercial Pilot Night Vision Goggles Flight - Helicopter (Change grading system from AW to SU.)	1
ATF 2250L	Flight Lab 2 – Airplane (Change grading system from AW to SU.)	1
ATF 2300	Instrument Rating Flight 1 – Airplane (Change grading system from AW to SU.)	2
ATF 2302L	Instrument Rating Flight 2 – Airplane (Change grading system from AW to SU.)	1
ATF 2340	Instrument Rating Flight 1 - Helicopter (Change grading system from AW to SU.)	2
ATF 2341L	Instrument Rating Flight 2 – Helicopter (Change grading system from AW to SU.)	1
ATF 2400L	Commercial Pilot Multi-Engine Flight – Airplane (Change grading system from AW to SU.)	1
ATF 2500C	Flight Instructor (Initial CFI) Flight – Airplane (Change grading system from AW to SU.)	2
ATF 2510L	Flight Instructor Multi-Engine (MEI) Flight – Airplane (Change grading system from AW to SU.)	1
ATF 2530L	Flight Instructor Instrument (CFI-I) Flight – Airplane (Change grading system from AW to SU.)	1
ATF 2540L	Flight Instructor (Initial CFI) Flight - Helicopter (Change grading system from AW to SU.)	1
ATF 2541L	Flight Instructor Instrument (CFI-I) Flight – Helicopter (Change grading system from AW to SU.)	1

Revised AS Degrees   **Effective August 2013**

OPERATIONS CONCENTRATION AS 2172			OPERATIONS CONCENTRATION AS 2172		
GENERAL EDUCATION REQUIREMENTS		**CREDITS**	**GENERAL EDUCATION REQUIREMENTS**		**CREDITS**
ENC 1101	College Composition 1	3	ENC 1101	College Composition 1	3
SPC 1017	Fundamentals of Speech Communication	3	SPC 1017	Fundamentals of Speech Communication	3
PHY 1001	Applied Physics	3	PHY 1001	Applied Physics	3
Any course from Humanities - Area II		3	Any course from Humanities - Area II		3
Any MAC prefix course from Mathematics – Area III		3	Any MAC prefix course from Mathematics – Area III		3
Any course from Social Science - Area V		3	Any course from Social Science - Area V		3
Total Required General Education Credits		**18**	**Total Required General Education Credits**		**18**
REQUIRED COURSES			**REQUIRED COURSES**		
ACG 2022	Financial Accounting	4	ACG 2022	Financial Accounting	4
ASC 1210	Aero-Meteorology	3	ASC 1210	Aero-Meteorology	3
ASC 1310	Aero-Safety and Regulations	3	ASC 1310	Aero-Safety and Regulations	3
ATT 1100	Private Pilot Ground School	3	ATT 1100	Private Pilot Ground School	3
MAR 2011	Principles of Marketing	3	MAR 2011	Principles of Marketing	3
BUL 2241	Business Law 1	3	BUL 2241	Business Law 1	3
CGS 1100	Microcomputer Applications	3	CGS 1100	Microcomputer Applications	3
Total Required Courses Credits		**22**	**Total Required Courses Credits**		**22**
Choose ONE of the following options:			**Choose ONE of the following options:**		
MAINTENANCE MANAGEMENT COURSES			**MAINTENANCE MANAGEMENT COURSES**		
AMT 1933	Airframe and Power Plant Certification	24	AMT 1933	Airframe and Power Plant Certification	24
Total Maintenance Management Credits		**24**	**Total Maintenance Management Credits**		**24**
-OR-			**-OR-**		
OPERATIONS OPTION COURSES			**OPERATIONS OPTION COURSES**		
ECO 2013	Principles of Macroeconomics	3	ECO 2013	Principles of Macroeconomics	3
ECO 2023	Principles of Microeconomics	3	ECO 2023	Principles of Microeconomics	3
GEB 1011	Introduction to Business	3	GEB 1011	Introduction to Business	3
MAN 2021	Principles of Management	3	MAN 2021	Principles of Management	3
MNA 2100	Human Relations in Business	3	MNA 2100	Human Relations in Business	3
OST 2335	Business Communications	3	OST 2335	Business Communications	3

POS 1001	Introduction to Political Science	3
SBM 2000	Small Business Management	3
Total Required Operations Option Credits		**24**
Total Program Credits		**64**

POS 1001	Introduction to Political Science	3
ENT 1000	*Fundamentals of* Entrepreneurship	3
Total Required Operations Option Credits		**24**
Total Program Credits		**64**

Current Professional Pilot AS Concentrations

PROFESSIONAL PILOT - AIRPLANE CONCENTRATION
AS 2197A

GENERAL EDUCATION REQUIREMENTS		CREDITS
ENC 1101	College Composition 1	3
SPC 1017	Fundamentals of Speech Communication	3
PHY 1001	Applied Physics	3
Any MAC prefix course from Mathematics – Area III		3
Any course from Humanities - Area II		3
Any course from Social Science - Area V		3
Total Required General Education Credits		**18**
CORE PROGRAM REQUIREMENTS		
ASC 1101	Aero-Navigation	3
ASC 1210	Aero-Meteorology	3
ASC 1310	Aero-Safety and Regulations	3
ASC 1640	Propulsion Systems 3	
ASC 2550	Aerodynamics	3
ATF 1602C	Basic Flight Simulator	3
ATT 1100	Private Pilot Ground School	3
ATT 2120	Instrument Ground School	3
ATT 2110	Commercial Pilot Ground School	3
ATT 2131	Flight Instructor Ground School	3
Total Required Core Program Credits		**30**
REQUIRED COURSES		
ATF 1111C	Private Pilot Flight 1 - Airplane	2
ATF 1112C	Private Pilot Flight 2 - Airplane	2
ATF1150LA-B	Flight Lab 1 - Airplane	1
ATF 2300	Instrument Rating Flight 1 - Airplane	2
ATF 2302L	Instrument Rating Flight 2 - Airplane	1
ATF 2250L	Flight Lab 2 - Airplane	1
ATF 2204C	Commercial Pilot Flight - Airplane	2
Total Required Courses Credits		**11**
ELECTIVES (5 CREDITS REQUIRED)		
ATF 2400L	Commercial Pilot Multi-Engine Flight - Airplane	1
ATF 2500C	Flight Instructor (Initial CFI) Flight - Airplane	2
ATF 2530L	Flight Instructor Instrument (CFI-I) Flight - Airplane	1
ATF 2510L	Flight Instructor Multi-Engine (MEI) Flight - Airplane	1
ECO 2013	Principles of Macroeconomics	3
ECO 2023	Principles of Microeconomics	3
MAN 2021	Principles of Management	3
POS 1001	Introduction to Political Science	3
Total Required Electives Credits		**5**
Total Program Credits		**64**

PROFESSIONAL PILOT - HELICOPTER CONCENTRATION
AS 2197H

GENERAL EDUCATION REQUIREMENTS		CREDITS
ENC 1101	College Composition 1	3
SPC 1017	Fundamentals of Speech Communication	3
PHY 1001	Applied Physics	3
Any course from Humanities - Area II		3

Proposed Professional Pilot AS Concentrations

PROFESSIONAL PILOT - AIRPLANE CONCENTRATION
AS 2197A

GENERAL EDUCATION REQUIREMENTS		CREDITS
ENC 1101	College Composition 1	3
SPC 1017	Fundamentals of Speech Communication	3
PHY 1001	Applied Physics	3
Any MAC prefix course from Mathematics – Area III		3
Any course from Humanities - Area II		3
Any course from Social Science - Area V		3
Total Required General Education Credits		**18**
CORE PROGRAM REQUIREMENTS		
ASC 1101	Aero-Navigation	3
ASC 1210	Aero-Meteorology	3
ASC 1310	Aero-Safety and Regulations	3
ASC 1640	Propulsion Systems 3	
ASC 2550	Aerodynamics	3
ATF 1602C	Basic Flight Simulator	3
ATT 1100	Private Pilot Ground School	3
ATT 2120	Instrument Ground School	3
ATT 2110	Commercial Pilot Ground School	3
ATT 2131	Flight Instructor Ground School	3
Total Required Core Program Credits		**30**
REQUIRED COURSES		
ATF 1100C	Private Pilot Flight 1 - Airplane	2
ATF 1101C	Private Pilot Flight 2 - Airplane	2
ATF1150LA-B	Flight Lab 1 - Airplane	1
ATF 2300	Instrument Rating Flight 1 - Airplane	2
ATF 2302L	Instrument Rating Flight 2 - Airplane	1
ATF 2250L	Flight Lab 2 - Airplane	1
ATF 2200C	Commercial Pilot Flight - Airplane	2
Total Required Courses Credits		**11**
ELECTIVES (5 CREDITS REQUIRED)		
ATF22X1C	*Commercial Pilot Flight 1 Additional Rating – Helicopter*	2
ATF22X2C	*Commercial Pilot Flight 2 Additional Rating – Helicopter*	2
ATF 2400L	Commercial Pilot Multi-Engine Flight - Airplane	1
ATF 2500C	Flight Instructor (Initial CFI) Flight - Airplane	2
ATF 2530L	Flight Instructor Instrument (CFI-I) Flight - Airplane	1
ATF 2510L	Flight Instructor Multi-Engine (MEI) Flight - Airplane	1
ECO 2013	Principles of Macroeconomics	3
ECO 2023	Principles of Microeconomics	3
MAN 2021	Principles of Management	3
POS 1001	Introduction to Political Science	3
Total Required Electives Credits		**5**
Total Program Credits		**64**

PROFESSIONAL PILOT - HELICOPTER CONCENTRATION
AS 2197H

GENERAL EDUCATION REQUIREMENTS		CREDITS

Left column:

	Any MAC prefix course from Mathematics – Area III	3
	Any course from Social Science - Area V	3
Total Required General Education Credits		**18**

REQUIRED COURSES

ATF 1140C	Private Pilot Flight 1 – Helicopter	2
ATF 1142C	Private Pilot Flight 2 - Helicopter	2
ATF 1342L	Flight Lab 1 - Helicopter	1
ATF 2340	Instrument Rating Flight 1 - Helicopter	2
ATF 2341L	Instrument Rating Flight 2 - Helicopter	1
ATF 2240L	Flight Lab 2 - Helicopter	1
ATF 2241C	Commercial Pilot Flight - Helicopter	2
Total Required Courses Credits		**11**

CORE PROGRAM REQUIREMENTS

ASC 1101	Aero-Navigation	3
ASC 1210	Aero-Meteorology	3
ASC 1310	Aero-Safety and Regulations	3
ASC 1640	Propulsion Systems	3
ASC 2550	Aerodynamics	3
ATF 1602C	Flight Simulator	3
ATT 1100	Private Pilot Ground School	3
ATT 2120	Instrument Ground School	3
ATT 2110	Commercial Pilot Ground School	3
ATT 2131	Flight Instructor Ground School	3
Total Required Core Program Credits		**30**

ELECTIVES (5 CREDITS REQUIRED)

ATF 2540L	Flight Instructor (Initial CFI) Flight - Helicopter*	1
ATF 2541L	Flight Instructor Instrument (CFI-I) Flight - Helicopter	1
ATF 2244L	Commercial Pilot Night Vision Goggles Flight - Helicopter	1
ATF 2242L	Commercial Pilot External Load Flight - Helicopter	1
ATF 2243	Commercial Pilot Turbine Flight - Helicopter	1
ECO 2013	Principles of Macroeconomics	3
ECO 2023	Principles of Microeconomics	3
MAN 2021	Principles of Management	3
POS 1001	Introduction to Political Science	3
Total Required Electives Credits		**5**
Total Program Credits		**64**

Students wishing to instruct in Robinson helicopters must also take ATF2541L to meet the requirements of SFAR 73-2.

Right column:

ENC 1101	College Composition 1	3
SPC 1017	Fundamentals of Speech Communication	3
PHY 1001	Applied Physics	3
	Any course from Humanities - Area II	3
	Any MAC prefix course from Mathematics – Area III	3
	Any course from Social Science - Area V	3
Total Required General Education Credits		**18**

CORE PROGRAM REQUIREMENTS

ASC 1101	Aero-Navigation	3
ASC 1210	Aero-Meteorology	3
ASC 1310	Aero-Safety and Regulations	3
ASC 1640	Propulsion Systems	3
ASC 2550	Aerodynamics	3
ATF 1602C	Flight Simulator	3
ATT 1100	Private Pilot Ground School	3
ATT 2120	Instrument Ground School	3
ATT 2110	Commercial Pilot Ground School	3
ATT 2131	Flight Instructor Ground School	3
Total Required Core Program Credits		**30**

REQUIRED COURSES

ATF 1140C	Private Pilot Flight 1 – Helicopter	2
ATF 1142C	Private Pilot Flight 2 - Helicopter	2
ATF 1342L	Flight Lab 1 - Helicopter	1
ATF 2340	Instrument Rating Flight 1 - Helicopter	2
ATF 2341L	Instrument Rating Flight 2 - Helicopter	1
ATF 2240L	Flight Lab 2 - Helicopter	1
ATF 2241C	Commercial Pilot Flight - Helicopter	2
Total Required Courses Credits		**11**

ELECTIVES (5 CREDITS REQUIRED) *

ATF22Y1C	*Commercial Pilot Flight 1 Additional Rating – Airplane*	*2*
ATF22Y2C	*Commercial Pilot Flight 2 Additional Rating – Airplane*	*2*
ATF 2540L	Flight Instructor (Initial CFI) Flight - Helicopter*	1
ATF 2541L	Flight Instructor Instrument (CFI-I) Flight - Helicopter	1
ATF 2244L	Commercial Pilot Night Vision Goggles Flight - Helicopter	1
ATF 2242L	Commercial Pilot External Load Flight - Helicopter	1
ATF 2243	Commercial Pilot Turbine Flight - Helicopter	1
ECO 2013	Principles of Macroeconomics	3
ECO 2023	Principles of Microeconomics	3
MAN 2021	Principles of Management	3
POS 1001	Introduction to Political Science	3
Total Required Electives Credits		**5**
Total Program Credits		**64**

Students wishing to instruct in Robinson helicopters must also take ATF2541L to meet the requirements of SFAR 73-2.

Students should be advised by the Aeronautical Science Department Chair prior to registering for Helicopter Concentration electives.

Justification: ATF22X1C, ATF22X2C, ATF 22Y1C, ATF22Y2C- In 2008 helicopter flight training was added to the Aeronautical Science programs. At that time, the only way to include the helicopter training was to add the flight training to the existing airplane program. There would not be a separate Program Objective but instead, the students would have two options within the same Program: airplane or helicopter. The justification at that time was that any helicopter students that enrolled in the program would only increase the health of the program. Then, in 2011, after working with the District Registrar, 5 credits of electives were approved for the Aeronautical Science Associate of Science Degree (2197). The electives were flight courses designed to allow students to have choices to build upon their

commercial license in order to increase future employment opportunities that are right for them. Due to the above limitations within the program, many students have left Palm Beach State College to pursue add on courses from other Colleges such as Broward State College. For example, helicopter students will not complete the AS degree at Palm Beach State College in order to complete at Broward with the additional airplane ratings. The reverse is happening with airplane students coming in the last semester from Broward seeking helicopter courses. In an effort to retain those students, we can add two additional courses that are FAA approved Commercial License add-ons. The student with a Commercial Helicopter license can "add on" an additional Airplane category to that license. Also, the Airplane student can do the same by "adding on" an additional Helicopter category to their license. These two courses will be added to the list of electives that the student can choose from.

ACS1640- A suggested course sequence was designed for the flight training programs in 2008. After 5 years of implementing the sequence, it was determined that the pre/co-requisites were not correct. It was realized that the requirement of MAC1105 as a prerequisite for this course, some students were unable to complete this course in time to graduate at completion of the two year program. The professors of this course agreed that the prerequisite of MAC1105 is not necessary for students to be successful in this course.

ATF Courses Grade Change - For Grade Change: Palm Beach State College affiliates with the local flight schools to perform the flight training of our students. Under the affiliation agreement, FAA authorized flight instructors complete this training. These flight instructors are not credentialed through Palm Beach State College. Therefore, these instructors cannot assign grades. The solution is for these flight courses to be changed from a letter grade to an S/U grade. ATF1100C, ATF1101C, ATF1140C, ATF1142C- In 2008 when the courses were split, the rationale was as follows: "Some flight courses have a special fee that exceeds $5,000. If a student has a hardship and cannot complete this course, the college does not have a mechanism to refund only the portion that remains. Therefore, the entire amount would be refunded resulting in a tremendous cost to the college. The course must be split to reduce the special fees." Now after implementing the split courses, it has been determined that the average student needs a few more hours in the first course and few less hours in the second course to be successful. However, there is not a need for more hours total between the two courses.

ATF1342C- In 2008 helicopter flight training was added to the Aeronautical Science programs. At that time, the only way to include the helicopter training was to add the flight training to the existing airplane program. There would not be a separate Program Objective but instead, the students would have two options within the same Program: airplane or helicopter. The justification at that time was that any helicopter students that enrolled in the program would only increase the health of the program. The only flaw in this was that we have airplane simulators and no helicopter simulators. All affiliated helicopter flight schools agreed that it would not be an FAA problem. According to their interpretation, the regulations allow for the Instrument Rating requirements to be taught in any approved Flight Training Device. In the past few months, one FAA designated pilot examiner has challenged this interpretation. The College could request a ruling from the FAA but that could take years to accomplish. Therefore, it was agreed that the hours in question could be completed in our existing course if we just changed the aircraft from a VFR R-22 to an IFR R-22.

ATF1602C- As part of a program review in 2010, it was determined that students with low math and English placement scores were unable to present class projects that allowed the Professor to accurately determine their learning outcome. The Department Chair and Associate Dean worked with the Developmental Education Associate Deans to determine the level that would be required in order for the Professors of those classes to determine the learning outcomes as well as meet the FAA requirements. At that time prerequisites were placed on those courses. However, it was not realized that the math prerequisite was necessary for the Flight Simulator course. Students with low math scores are unable to grasp FAA Instrument Rating concepts. The math that is required at a higher level allows the student to correlate those concepts into the Instrument Rating flight training that is required in this course. Therefore, a prerequisite of a PERT (Postsecondary Education Readiness Test) score of 96 or above in Math, or successful completion of MAT0018 or higher level math course is required.

AS Degree Revisions-This curriculum action is for two purposes 1) to include the new rating courses in the appropriate Professional Pilot Concentration and 2) to revise the Operations Concentration Option courses to replace SBM2000 Small Business Management with ENT1000 Introduction to Entrepreneurship to reflect the title and number change of this course. There are also some typo corrections in the course listings.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

4. Industrial Management AS

<u>New Course</u>   **Effective August 2013**

ETI1933 H   Applied Technologies- Heavy Equipment Mechanics (24 credits, 24 lecture contact hours, SU
grading, Pre-requisite Courses: Successful completion of Heavy Equipment Mechanics PSAV
5456 coursework   and the successful completion of 12 credits toward the Industrial Management
Technology AS degree. This is a prior learning course and will not be offered for enrollment.   24

<u>Revised AS Degree</u>   **Effective August 2013**

Current Industrial Management Technology AS (2224)		**Proposed Industrial Management Technology AS (2224)**	
GENERAL EDUCATION REQUIREMENTS	**CREDITS**	**GENERAL EDUCATION REQUIREMENTS**	**CREDITS**
ENC 1101 College Composition 1	3	ENC 1101 College Composition 1	3
SPC 1017 Fundamentals of Speech Communication	3	SPC 1017 Fundamentals of Speech Communication	3
Any course from Humanities - Area II	3	Any course from Humanities - Area II	3
Any course from Mathematics - Area III	3	Any course from Mathematics - Area III	3
Any course from Social Science - Area V	3	Any course from Social Science - Area V	3
Total Required General Education Credits	**15**	**Total Required General Education Credits**	**15**
MANAGEMENT CORE REQUIREMENTS		**MANAGEMENT CORE REQUIREMENTS**	
CGS 1100 Microcomputer Applications	3	CGS 1100 Microcomputer Applications	3
ETI 1701 Environmental Health and Safety	3	ETI 1701 Environmental Health and Safety	3
MNA 2100 Human Relations in Business	3	MNA 2100 Human Relations in Business	3
GEB 1011 Introduction to Business	3	GEB 1011 Introduction to Business	3
MAR 2011 Principles of Marketing	3	MAR 2011 Principles of Marketing	3
MAN 2021 Principles of Management	3	MAN 2021 Principles of Management	3
GEB 2930 Business Capstone	3	GEB 2930 Business Capstone	3
Total Required Management Core Credits	**21**	**Total Required Management Core Credits**	**21**
TECHNICAL SKILL ARTICULATION CREDIT REQUIREMENTS		**TECHNICAL SKILL ARTICULATION CREDIT REQUIREMENTS**	
Complete ONE of the following Palm Beach State programs:		**Complete ONE of the following Palm Beach State programs:**	
APPRENTICESHIP PROGRAM*		**APPRENTICESHIP PROGRAM***	
Building Trades Apprenticeship (Journeyperson Status)	24	Building Trades Apprenticeship (Journeyperson Status)	24
-OR-			
PSAV PROGRAM*		**PSAV PROGRAM***	
Automotive Service Technology 1 PSAV 5463 and Automotive Service Technology 2 PSAV 5458	24	Automotive Service Technology 1 PSAV 5463 and Automotive Service Technology 2 PSAV 5458	24
Cosmetology PSAV 5357	24	Cosmetology PSAV 5357	24
Diesel Technology 1 PSAV 5468 and Diesel Technology 2 PSAV 5457	24	Diesel Technology 1 PSAV 5468 and Diesel Technology 2 PSAV 5457	24
Heating, Ventilation, Air Conditioning and Refrigeration PSAV 5267	24	Heating, Ventilation, Air Conditioning and Refrigeration PSAV 5267	24
Machining Technology PSAV 5459	24	Heavy Equipment Mechanics (PSAV 5456)	24
Welding Technology PSAV 5460	24	Machining Technology PSAV 5459	24
Total Required Technical Skill Articulation Credits	**24**	Welding Technology PSAV 5460	24
Total Program Credits	**60**	**Total Required Technical Skill Articulation Credits**	**24**
*Accepted as Prior Learning Credit Course (number listed for each articulated program).		**Total Program Credits**	**60**
		*Accepted as Prior Learning Credit Course (number listed for each articulated program).	

Justification: This is a housekeeping action to include the Heavy Equipment Mechanics PSAV program (5456) as a career ladder program in the Industrial Management Technology AS degree. Like the other Trade & Industry PSAV programs offered at Palm Beach State, if a student completes the 1800 clock hours required for this program at Palm Beach State College, they will be eligible for 24 articulated credits toward the IMT AS degree offered at Palm Beach State. This credit will be awarded in the form of Prior Learning credit course ETI1933 H.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

G. Motion to Dismiss

    Discussion:

    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
	Tracy Ciucci, Health-Second Year LW
	Sabrina Greenwell, Education-First Year LW
	Peggy Holmes-DeGraw, Nursing First Year LW
	Stacey Landsdoff, Cosmetology-Second Year LW
	Judy Maxwell, Aeronautical Science-First Year LW
	Marilee McGaughey, Dental Hygiene-First Year LW
	Anthony Piccolino, Mathematics-Second Year PBG
	Rolando Rueda-De-Leon, BAS Information Management-Second Year LW
	Lystra Seeneth, Social Sciences-Second Year LW
	Mike Sfiropoulos, English for Academic Purposes-Second Year LW
	Lee Streicher, Criminal Justice-Second Year, LW, CHAIR
	Administrative Members
	Michael Foster, Academic Dean-First Year, BR
	Sheri Goldstein, Assistant Dean Student Services-First Year BG
	Susan Kadir, District Financial Aid Director
	Edward Mueller, District Registrar
	Robert Van Der Velde, Associate Academic Dean-First Year PBG
	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						