Palm Beach State College
Curriculum Committee Agenda
September 22, 2016

FA - Possible Financial Aid Action Warranted

Welcome – Susan Bierster, Acting Dean Curriculum and Educational Technology

I.   **Approval of Minutes of April 28, 2016, May 17, 2016 Evote**

    Discussion: None

    Data sources consulted: Minutes

    Action:

II.   **For Your Information (See attached FYI agenda)**

III.   **Old Business**

    Discussion: NA

    Data sources consulted: Curriculum Support Documents

    Action:

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

    A. Bachelor Programs

       Bachelor of Applied Science-Information Management

<u>New Courses</u>	**Effective January 2017 (20172)**	
ISM3115	Stakeholder and Communications Management (3 credits, 3 lecture contact hours, AW grading system, prereq ISM3114 (C), program code limit T715, T804, no special fee)	3
<u>Revised Courses</u>	**Effective January 2017 (20172)**	
CNT4406	Network Security and Cryptography (change prereq ISM4320 (C) to ISM4320, ISM4220, ISM3113, ISM3212, ISM3314, COP3530 all with grade of C)	3
CNT4408	Information System Security (change prereq CNT2402 (C) to CNT2402, ISM4220, ISM4320, ISM3113, ISM3212, ISM3314, COP3530 all with a grade of C)	3
COP3530	Programing Languages and Concepts (change prereq COP1000 (C) to COP1000, COP2360 both with a grade of C)	3
GEB4940C	Supervision and Management Internship (change title to Bachelors Internship, change program code limit from T701, T702, T704, T705, T804 to T701, T702, T704, T705, T801, T803, T804)	3
ISM4312	Project and Change Management (change prereq ISM3314 (C) to ISM3314, ISM3115 both with a grade of C)	3
ISM4313	Managing IT Integration (change prereq ISM3314 (C) to ISM3314, MAN4584 both with a grade of C)	3
ISM4323	Security Management (change prereq CNT2402, ISM4220 (C) to CNT4408 (C)	3
ISM4324	Computer Forensics (change prereq ISM4320 (C) to ISM4220, ISM4320, ISM3113, ISM3212, ISM3314, COP3530 all with a grade of C)	3
ISM4331	Capstone Experience Security Network Assurance (change prereq from "This course should be taken during the last semester of the program, and requires Bachelor's department approval" to ISM4323 (C) This course should be taken during the last semester of the program, and requires Bachelor's department approval)	3
ISM4332	IT Project Schedule & Cost Control (change prereq from ISM3114 (C) to ISM3314, ISM4312 both with a grade of C)	3
ISM4881	Capstone Experience Project Management (change prereq from "This course should be taken during the last semester of the program, and requires Bachelor's department approval" to	

	ISM4313 (C) This course should be taken during the last semester of the program, and requires Bachelor's department approval, update course description and learning outcomes)	3
MAN4520	Quality Management Control (change prereq from ISM3114 (C) to ISM3314, ISM4332 both with a grade of C)	3
MAN4584	Project Risk Management (change prereq from ISM3114 (C) to ISM3314, MAN4520 both with a grade of C)	3

Revised Program   **Effective January 2017 (20172)**

Current Information Management - Database Administration Concentration (T801)			Proposed Information Management - Database Administration Concentration (T801)		
Courses From A.S./A.A.S. Degree		**Credits: 42**	**Courses From A.S./A.A.S. Degree**		**Credits: 42**
	Courses from A.S./A.A.S. Degree (Lower Division Details)	42		Courses from A.S./A.A.S. Degree (Lower Division Details)	42
General Education Courses		**Credits: 36**	**General Education Courses**		**Credits: 36**
	General Education Courses (Transferable)	36		General Education Courses (Transferable)	36
Upper Division Common Core Courses		**Credits: 21**	**Upper Division Common Core Courses**		**Credits: 21**
BUL3130	Legal and Ethical Environment of Business *	3	BUL3130	Legal and Ethical Environment of Business *	3
COP3530	Programming Languages & Concepts	3	COP3530	Programming Languages & Concepts	3
GEB3213	Business Writing *	3	GEB3213	Business Writing *	3
FIN3400	Principles of Financial Management *	3	FIN3400	Principles of Financial Management *	3
ISM3113	Systems Analysis and Design	3	ISM3113	Systems Analysis and Design	3
ISM3212	Database Management Systems	3	ISM3212	Database Management Systems	3
ISM3314	Project Management	3	ISM3314	Project Management	3
Concentration Area Required Courses		**Credits: 18**	**Concentration Area Required Courses**		**Credits: 15**
CTS4425	ASP.NET Web Application Development	3	CTS4425	ASP.NET Web Application Development	3
COP4834	Web Scripting	3	COP4834	Web Scripting	3
ISM4213	Advanced Database Management	3	ISM4213	Advanced Database Management	3
ISM4210	Database Administration & Architecture	3	ISM4210	Database Administration & Architecture	3
ISM4211	Database Systems and Physical Design	3	ISM4211	Database Systems and Physical Design	3
ISM4117	Data Mining and Data Warehousing	3			
Concentration Capstone Course		**Credits: 3**	**Concentration Electives (select 3 credits)**		**Credits: 3**
ISM4330	Capstone Experience: Database Administration	3	ISM4117	Data Mining and Data Warehousing	3
			GEB4940C	Bachelors Internship	3
			Concentration Capstone Course		**Credits: 3**
			ISM4330	Capstone Experience: Database Administration	3
Total Program Credits: 120			**Total Program Credits: 120**		
*Courses from existing Supervision & Management BAS degree			*Courses from existing Supervision & Management BAS degree		

Current Information Management - Project Management (T804)			Proposed Information Management - Project Management (T804)		
Courses From A.S./A.A.S. Degree		**Credits: 42**	**Courses From A.S./A.A.S. Degree**		**Credits: 42**
	Courses from A.A./A.A.S. degree Lower division details.	42		Courses from A.A./A.A.S. degree Lower division details.	42
General Education Courses		**Credits: 36**	**General Education Courses**		**Credits: 36**
	General Education Courses (Transferable)	36		General Education Courses (Transferable)	36
Upper Division Common Core Courses		**Credits: 21**	**Upper Division Common Core Courses**		**Credits: 21**
BUL3130	Legal and Ethical Environment of Business	3	BUL3130	Legal and Ethical Environment of Business	3
COP3530	Programming Languages and Concepts	3	COP3530	Programming Languages and Concepts	3
GEB3213	Business Writing	3	GEB3213	Business Writing	3
FIN3400	Principles of Financial Management	3	FIN3400	Principles of Financial Management	3

ISM3113	Systems Analysis and Design	3	ISM3113	Systems Analysis and Design	3
ISM3212	Database Management Systems	3	ISM3115	Stakeholder & Communications Management New Course	3
ISM3314	Project Management	3	ISM3314	Project Management	3
Concentration Area Required Courses		**Credits: 15**	**Concentration Area Required Courses**		**Credits: 15**
ISM4313	Managing IT Integration	3	ISM4313	Managing IT Integration	3
ISM4312	Project and Change Management	3	ISM4312	Project and Change Management	3
ISM4332	IT Project Schedule and Cost Control	3	ISM4332	IT Project Schedule and Cost Control	3
MAN4520	Quality Management Control	3	MAN4520	Quality Management Control	3
MAN4574	Acquisitions Management				
MAN4584	Project Risk Management	3	MAN4584	Project Risk Management	3
Concentration Electives (select 3 credits)		**Credits: 3**	**Concentration Electives (select 3 credits)**		**Credits: 3**
MAN4574	Acquisitions Management	3	MAN4574	Acquisitions Management	3
GEB4940C	Supervision and Management Internship	3	GEB4940C	Bachelors Internship	3
Concentration Capstone Course		**Credits: 3**	**Concentration Capstone Course**		**Credits: 3**
ISM4881	Capstone Experience: Project Management	3	ISM4881	Capstone Experience: Project Management	3
Total Program Credits: 120			**Total Program Credits: 120**		
Some courses in this concentration area are offered as hybrid courses which require on-campus attendance.			*Some courses in this concentration area are offered as hybrid courses which require on-campus attendance.*		

Current Information Management - Security & Network Assurance (T803)			**Proposed Information Management - Security & Network Assurance (T803)**		
Courses From A.S./A.A.S. Degree		**Credits: 42**	**Courses From A.S./A.A.S. Degree**		**Credits: 42**
	Courses from A.A./A.A.S. degree (Lower Division Details)	42		Courses from A.A./A.A.S. degree (Lower Division Details)	42
General Education Courses		**Credits: 36**	**General Education Courses**		**Credits: 36**
	General Education Courses (Transferable)	36		General Education Courses (Transferable)	36
Upper Division Common Core Courses		**Credits: 21**	**Upper Division Common Core Courses**		**Credits: 21**
BUL3130	Legal and Ethical Environment of Business *	3	BUL3130	Legal and Ethical Environment of Business *	3
COP3530	Programming Languages & Concepts	3	COP3530	Programming Languages & Concepts	3
GEB3213	Business Writing *	3	GEB3213	Business Writing *	3
FIN3400	Principles of Financial Management *	3	FIN3400	Principles of Financial Management *	3
ISM3113	Systems Analysis and Design	3	ISM3113	Systems Analysis and Design	3
ISM3212	Database Management Systems	3	ISM3212	Database Management Systems	3
ISM3314	Project Management	3	ISM3314	Project Management	3
Concentration Area Required Courses		**Credits: 18**	**Concentration Area Required Courses**		**Credits: 15**
CNT4408	Information System Security	3	CNT4408	Information System Security	3
CNT4406	Network Security and Cryptography	3	CNT4406	Network Security and Cryptography	3
ISM4320	Applications in Information Security	3	ISM4320	Applications in Information Security	3
ISM4220	Business Data Communications, Telecommunications/Network	3	ISM4220	Business Data Communications, Telecommunications/Network	3
ISM4323	Security Management	3	ISM4323	Security Management	3
ISM4324	Computer Forensics	3	**Concentration Electives (select 3 credits)**		**Credits:3**
Concentration Capstone Course		**Credits: 3**	ISM4324	Computer Forensics	3
ISM4331	Capstone Experience: Security and Network Assurance	3	GEB4940C	Bachelor Internship	3
Total Program Credits: 120			**Concentration Capstone Course**		**Credits: 3**
Courses from existing Supervision & Management BAS degree			ISM4331	Capstone Experience: Security and Network Assurance	3
			Total Program Credits: 120		
			Courses from existing Supervision & Management BAS degree		

Current Information Management - Security & Network Assurance (BAS) T803	**Proposed Information Management - Security & Network Assurance (BAS) T803**

Program Learning Outcome #1	
Describe the components in the network infrastructure	Describe the components of a given network infrastructure and how they connect to the systems architecture to deliver value to the organization. Demonstrate an understanding of vendor management in the development of practical solutions to security management challenges.
Program Learning Outcome #2	
Use and configure network applications to secure the private and DMZ networks	Determine and use the appropriate network application tools to plan, proactively monitor, and secure information in systems and on networks.
Program Learning Outcome #3	
Demonstrate comprehensive understanding for information and network security; planning, risk management, security technologies, and personnel	Demonstrate comprehensive understanding of information and network security processes such as; planning, risk management, security technologies, and optimizing organizational processes to eliminate unauthorized intrusions by individuals and groups.

Justification: ISM3115 - The current Project Management Curriculum does not have a course that deals with Stakeholder and Communications management across various Project Management methodologies. The recent curriculum review of prosepctive employers also confirmed the need for this skill set amoung our PBSC BAS IM graduates. CNT4406. CNT4408, and ISM4324 - Students need the foundational skills developed in the ISM4220, ISM4320, ISM3113, ISM3212, ISM3314, COP3530 prerequsite courses to be successful in these courses. ISM4312, ISM4313, ISM4332, MAN4520, and MAN4584 – Students need one specific course prereq in addition to a foundation in project management to successfully complete these courses. ISM4323, ISM4331, and ISM4881 - Students need the foundational skills from Information System Security, IT Integration or Secuirty Management to be successful in these courses. T801, T803 - This program change will allow students to have the option to participate in an Internship as part of the Degree program. The change is in response to marketplace input that students need to have more hands on experience. T803 also changed the three program learning outcomes. T804 - The purpose of this program change is to replace ISM3212 with a new course in Stakeholder and Commnications Management as a required course.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

B. AA Courses

Speech

Revised Courses   **Effective January 2017 (20172)**
SPC1017 Fundamentals of Speech Communication (Update Course Learning Outcomes)   3

Justification: The Speech Cluster has determined that revising the learning outcomes to update the   language so it more accurately captures what is expected of the students and will enable more accurate assessment.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

C. Business and Office Management

1.   Life, Health and Variable Annuities Agent PSAV

Revised Courses   **Effective January 2017 (20172)**
RMI0092 Life, Health & Variable Annuities (change Clock Hours from 40 to 60)   40

Revised Program   **Effective January 2017 (20172)**

Current Life, Health and Variable Annuities Agent (5470)			Proposed Life, Health and Variable Annuities Agent (5470)		
Required Courses		**Clock Hours: 40**	**Required Courses**		**Clock Hours: 60**
RMI0092	Life, Health and Variable Annuities	40	RMI0092	Life, Health and Variable Annuities	60
Total Program Clock Hours: 40			**Total Program Clock Hours: 60**		

Justification:
Florida Department of Financial Services changed the required hours from 40 clock hours to 60 clock hours.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

2.   **Accounting CCC**

Revised Program   **Effective January 2017 (20172)**

Current Accounting CCC (6110)			Proposed Accounting CCC (6110)		
Required Courses		**Credits: 25**	**Required Courses**		**Credits: 25**
~~MTB1103~~	~~Business Mathematics~~	~~3~~	GEB2214	Business Communications	3
GEB2214	Business Communications	3	CGS1100	Microcomputer Applications	3
CGS1100	Microcomputer Applications	3	CGS1513	Electronic Spreadsheets	3
APA1111	Bookkeeping	3	APA1111	Bookkeeping	3
ACG2022	Financial Accounting	4	ACG2022	Financial Accounting	4
ACG2071	Managerial Accounting	3	ACG2071	Managerial Accounting	3
ACG2450	Microcomputer Operations Accounting	3	ACG2450	Microcomputer Operations Accounting	3
TAX2000	Federal Income Tax 1	3	TAX2000	Federal Income Tax 1	3
ELECTIVES (2 CREDITS REQUIRED)			**ELECTIVES (2 CREDITS REQUIRED)**		
Select any course with the prefix BUL, CGS, ECO, ENT, GEB, MAN, ~~MAR, MKA~~, MNA, ~~PLA~~ or TAX 2			Select any program course with the prefix BUL, CGS, ECO, ENT, GEB, MAN, MNA, SLS or TAX 2		
Total Program Credits: 27			**Total Program Credits: 27**		

Justification: 1) As per college policy, MTB1103 is being removed from the CCC because it is not part of the 2 year AS Accounting Technology degree (AS2050). It has been replaced with CGS1513. 2) MAR, MKA and PLA are being removed from the list of electives because the 2 year AS degree does not include any courses with those prefixes. SLS is being added because the degree was recently revised to include SLS courses**.**

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

3.   **Paralegal ATC** *(Pending President's Council Approval)*   **FA**   **Effective August 2017 (20181)**

Proposed Paralegal ATC (4XXX) CIP 0722030266			
Required Courses		**Credits: 21**	**Pre/Coreqs**
ENC1101	College Composition 1	3	NA
PLA1003	Introduction to Paralegalism	3	PC PLA2209

PLA2229	Court System: Procedures and Pleadings 2	3	P-ENC1101, PC-PLA1003
PLA1104	Legal Writing and Research 1	3	P-PLA1104
PLA2114	Legal Writing and Research 2	3	PC-PLA1003
PLA2209	Court System: Procedures and Pleadings 1	3	NA
BUL2241	Business Law 1		
OR			NA
BUL2242	Business Law 2	3	
	TOTAL CREDITS	**21**	

Justification: In order to take the National Association of Legal Assistants (NALA) Certified Paralegal (CP) examination, test takers must meet certain criteria. In addition to earning an associate's degree (A.S.) in Paralegal, one may also be eligible to take the NALA exam based on holding a bachelor's degree (in any subject) and at least 15 credit hours in substantive paralegal courses. A considerable number of students who hold bachelor's degrees regularly take paralegal courses as non-degree seeking students solely for the purpose of achieving eligibility to take the NALA CP examination. The creation of an advanced technical certificate in Paralegal for these non-A.S. degree seeking students would allow for a new program to be marketed to an underserved section of the community while simultaneously helping the college capture a greater number of program "completers" that have historically been unaccounted for at Palm Beach State College.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

D. **Child Care, Human Services and Teacher Education**

1. **Child Care**

   Early Childhood Professional Certificate, **Caring for Children Birth To 3 Years (FCCPC)**

Revised Program   **Effective January 2017 (20172)**

Current Early Childhood Professional Certification (ECPC) - Preschool (5364)	**Proposed Early Childhood Professional Certification (ECPC) - Preschool (5364)**
Program Description	**Program Description**
The Department of Education Early Childhood Professional Certificate (ECPC) program prepares the student who works with children 3 to 5 years old in a licensed child care facility or family child care home for the National CDA Credential.	The Department of Education Early Childhood Professional Certificate (ECPC) program prepares the student who works with children 3 to 5 years old in a licensed child care facility or family child care home for the National CDA Credential.
The student will successfully complete 120 hours of formal classroom instruction in the six competency goals, a 2-hour observation during Module 1 and Module 3, document 480 hours of work experience and complete all other Palm Beach State requirements.	The student will successfully complete 120 hours of formal classroom instruction in the six competency goals, a 2-hour observation during ~~Module 1 and~~ Module 3, document 480 hours of work experience and complete all other Palm Beach State requirements.
Upon completion of the program the student will be awarded a Department of Education Early Childhood Professional Certificate (ECPC).	Upon completion of the program the student will be awarded a Department of Education Early Childhood Professional Certificate (ECPC).
Program Learning Outcomes	**Program Learning Outcomes**
For detailed information, visit www.palmbeachstate.edu/learningoutcomes/Program-Learning-Outcomes.	For detailed information, visit www.palmbeachstate.edu/learningoutcomes/Program-Learning-Outcomes.

Admission Requirements	Admission Requirements
These requirements must be met before registering for the ECPC program:	These requirements must be met before registering for the ECPC program:
PREREQUISITES	**PREREQUISITES**
• Change Program Objective Code	• ~~Change~~ Program Objective Code: Early Childhood Professional Certificate (ECPC) – Preschool (5364)
• ECPC Information Session	• ECPC Information Session
• 40-Hour Introductory Child Care Training (**Part I, II, & III**)	• 40-Hour Introductory Child Care Training including Preschool Appropriate Practices (**Part I, II, & III**)
• 10-Hour Preschool Appropriate Practices	• ~~10-Hour Preschool Appropriate Practices~~ 5-Hour Emergent Literacy (offered through DCF as an online course)

Caring for Children Birth To 3 Years (FCCPC) (5390)	Caring for Children Birth To 3 Years (FCCPC) (5390) – Overview TAB
Program Description	**Program Description**
This program prepares the student who works with children Birth to 3 Years old in a licensed child care facility or family child care home for the National CDA Credential. The program is divided into three modules covering the eight content areas for the Florida Child Care Professional Credential (FCCPC) in which a student must demonstrate competence.	This program prepares the student who works with children Birth to 3 Years old in a licensed child care facility or family child care home for the National CDA Credential. The program is divided into three modules covering the eight content areas for the Florida Child Care Professional Credential (FCCPC) in which a student must demonstrate competence.
The student will successfully complete 120 hours of formal classroom instruction in the six competency goals, a 2-hour observation during Module 1 and Module 3, document 480 hours of work experience and complete all other Palm Beach State requirements.	The student will successfully complete 120 hours of formal classroom instruction in the six competency goals, a 2-hour observation during Module 3, document 480 hours of work experience and complete all other Palm Beach State requirements.
Upon completion of the program the student will be awarded a Florida Child Care Professional Credential FCCPC) from the Department of Children and Families.	Upon completion of the program the student will be awarded a Florida Child Care Professional Credential FCCPC) from the Department of Children and Families.
Program Learning Outcomes	**Program Learning Outcomes**
For detailed information, visit www.palmbeachstate.edu/learningoutcomes/Program-Learning-Outcomes.	For detailed information, visit www.palmbeachstate.edu/learningoutcomes/Program-Learning-Outcomes.
Admission Requirements	**Admission Requirements**
These requirements must be met before registering for the FCCPC program:	These requirements must be met before registering for the FCCPC program:
PREREQUISITES	**PREREQUISITES**
• Change Program Objective Code	• Program Objective Code: Caring for Children Birth to 3 Years (FCCPC – 5390)
• FCCPC Information Session	• FCCPC Information Session
• 40-Hour Introductory Child Care Training (**Part I, II, & III**) **or** 30 Hr. Family Child Care Training (**Part I & II**)	• 40-Hour Introductory Child Care Training (**Part I, II, & III**) **or** 30 Hr. Family Child Care Training (**Part I & II**) including Infant and Toddler Appropriate Practices
• 10 Hour Infant/Toddler Appropriate Practices	• 5-Hour Emergent Literacy (offered through DCF as an online course)

• High school diploma (or equivalent) and College Application submitted to Palm Beach State	• High school diploma (or equivalent) and College Application submitted to Palm Beach State
www.palmbeachstate.edu/admissions/Admissions-Applications.aspx	www.palmbeachstate.edu/admissions/Admissions-Applications.aspx
• Employed in a licensed child care setting working with children 5 years or younger (preferably birth-3 years of age) or family child care home	• Employed in a licensed child care setting working with children 5 years or younger (preferably birth-3 years of age) or family child care home
• TABE Exam (9D Survey)	• TABE Exam (9D Survey)
• Must be at least 18 years of age or older	• Must be at least 18 years of age or older
• Mastery of the English language	• Mastery of the English language

Justification: In reviewing the ECPC and FCCPC Area of Study and Catalog Webpages, it was discovered that there was an admissions requirement omitted from the list of prerequisites to be accepted into the program, the 5-Hour Emergent Literacy course. In addition the wording on these pages needed to be consistent with the wording used on the individual program webpages, the information sessions and the program packets. The state recently made changes to the format in which the Age-Specific Developmentally Appropriate Practices (DAP) courses are offered. This format needed to be changes in the Area of Study and Catalog pages.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

2. Early Childhood Education AS

Revised Courses   **Effective August 2017 (20181)**
EDG1314   Education Practicum 1 (Revise prereq statement to Completion of all required courses in an Early
                    Childhood Education college credit certificate.)   3
EDG1315   Education Practicum 2 (Revise course description; change prereq from EDG1314 (D) to "Completion
                    of all required courses in an Early Childhood college credit certificate", add program code limit 2358)   3

Revised Program   FA   **Effective August 2017 (20181)**

Current Early Childhood Education (AS 2358)			**Proposed Early Childhood Education (AS 2358)**		
General Education		**Credits: 15**	**General Education**		**Credits: 15**
ENC1101	College Composition 1	3	ENC1101	College Composition 1	3
SPC1017	Fundamentals of Speech Communication	3	SPC1017	Fundamentals of Speech Communication	3
ESC1000	Earth Science	3	ESC1000	Earth Science	3
	-or-			-or-	
	Any course from Natural Sciences - Area IV, Tier 1 & 2	3		Any course from Natural Sciences - Area IV, Tier 1 & 2	3
ARH1000	Art Appreciation	3	ARH1000	Art Appreciation	3
	-or-			-or-	
	Any course from Humanities - Area II	3		Any course from Humanities - Area II	3
PSY2012	General Psychology	3	PSY2012	General Psychology	3
Required Courses		**Credits: 36**	**Required Courses**		**Credits: 33**
~~MUL1010~~	~~Music Appreciation~~	~~3~~	EDG1314	Education Practicum 1	3
EDG1314	Education Practicum 1	3	ENC1102	College Composition 2 *	3
ENC1102	College Composition 2 *	3	EEC1601	Observation and Assessment in Early Childhood	3
EEC1601	Observation and Assessment in Early Childhood	3	EEC2710	Conflict Resolution in Early Childhood	3
EEC2710	Conflict Resolution in Early Childhood	3	EEC2271	Teaching Children with Special Needs	3
EEC2271	Teaching Children with Special Needs	3	EDF2085	Introduction to Diversity for Educators	3
EDF2085	Introduction to Diversity for Educators	3	EEC2734	Health, Safety, and Nutrition for the Young	3

				Child	
EEC2734	Health, Safety, and Nutrition for the Young Child	3	CHD1220	Child Development, Infancy/Preschool	3
CHD1220	Child Development, Infancy/Preschool	3	EDF1030	Behavior Management in the Classroom	3
EDF1030	Behavior Management in the Classroom	3	DEP2102	Child Growth and Development	3
DEP2102	Child Growth and Development	3	MTB1103	Business Mathematics **	
MTB1103	Business Mathematics **			-or-	
	-or-			Any course from Mathematics-Area III	
	Any course from Mathematics-Area III			-or-	
	-or-			Any credit math approved by department	3
	Any credit math approved by department	3	**Required College Credit Certificate (CCC) Courses**		**Credits: 12**
Required College Credit Certificate (CCC) Courses		**Credits: 12**		Complete one of the following Certificates to complete this AS program:	
	Complete one of the following Certificates to complete this AS program:			Child Care Center Management CCC 6366	12
	Child Care Center Management CCC 6366	12		EEC1523; EEC2002; EEC2202; EEC2521	
	EEC1523; EEC2002; EEC2202; EEC2521			-or-	
	-or-			Infant/Toddler CCC 6367	12
	Infant/Toddler CCC 6367	12		EEC1001; EEC1522; EEC2201; EEC2407	
	EEC1001; EEC1522; EEC2201; EEC2407			-or-	
	-or-			Pre-School CCC 6368	12
	Pre-School CCC 6368	12		EEC1001; EEC1300; EEC1311; EEC1312	
	EEC1001; EEC1300; EEC1311; EEC1312		**Total Program Credits: 60**		
Total Program Credits: 63			*EDG1315 Practicum 2 may be taken instead of ENC1102 only by students not planning to transfer to a university.		
*EDG1315 Practicum 2 may be taken instead of ENC1102 only by students not planning to transfer to a university.			**(Or higher. Students planning to transfer to a university should see an advisor.)		
**(Or higher. Students planning to transfer to a university should see an advisor.)					

Justification: This is a State revision to AS degree programs. The Early Childhood Education AS degree program will be reduced from 63 credits to 60 credits. The CCCs will not be affected. For course sequence, we will eliminate Year Three, Term Three (summer) in the sequence. Students will complete the program one term earlier. The State has also made a change to the CIP code. The new CIP is 1413121004.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

E. Computer Science And Information Technology

1. Computer Science AS/CCCs

New Courses   **Effective January 2017 (20172)**
CTS2XXX (CTS2650) Cisco CCENT Certification Prep Exam (1 credit, 1 lecture contact hour, prereq CTS1650
     (D), AW grading system, program code limit 6542, 6135, 6540, 2126, 2122, 2123, special fee
     $10.00)   1

Revised Courses   **Effective May 2017 (20173)**
CTS2301   Introduction to Linux (change title to Linux Fundamentals, add program code limits
               2123, 2126, 6542, 6540, 6136, 6541, 6143, 6135)   3

Revised Program   FA   **Effective August 2018 (20181)**

Current Cisco Certified Entry Network Technician (CCENT) (6542)	**Proposed Cisco Certified Entry Network Technician (CCENT) (6542) CIP 0511100114**

Required Courses		Credits: 15	Required Courses		Credits: 16
CGS1100	Microcomputer Applications	3	CGS1100	Microcomputer Applications	3
CNT2000	Network Technologies	3	CNT2000	Network Technologies	3
CTS2301	Introduction to Linux	3	CTS2301	Linux Fundamentals	3
CTS1650	Cisco Networking 1	3	CTS1650	Cisco Networking 1	3
CTS2651	Cisco Networking 2	3	CTS2651	Cisco Networking 2	3
Total Program Credits: 15			CTS2XXX	Cisco CCENT Certification Prep Exam 1	1
			Total Program Credits: 16		

Current Cisco Certified Network Associate (CCNA) Routing and Switching (6135)			Proposed Cisco Certified Network Associate (CCNA) Routing and Switching (6135) CIP 0511100115		
Required Courses		Credits: 21	Required Courses		Credits: 28
CGS1100	Microcomputer Applications	3	CGS1100	Microcomputer Applications	3
CNT2000	Network Technologies	3	CNT2000	Network Technologies	3
CTS2301	Introduction to Linux	3	COP1000	Introduction to Programming Logic	3
CTS1650	CISCO Networking 1	3	CTS1110	Operating Systems	3
CTS2651	CISCO Networking 2	3	CTS2301	Linux Fundamentals	3
CTS2652	CISCO Networking 3	3	CTS1650	CISCO Networking 1	3
CTS2653	CISCO Networking 4	3	CTS2651	CISCO Networking 2	3
Total Program Credits: 21			CTS2652	CISCO Networking 3	3
			CTS2653	CISCO Networking 4	3
			CTS2XXX	Cisco CCENT Certification Prep Exam 1	1
			Total Program Credits: 28		

Current Cisco Certified Network Associate (CCNA) Security (6540)			Proposed Cisco Certified Network Associate (CCNA) Security (6540) CIP 0511100121		
Required Courses		Credits: 15	Required Courses		Credits: 21
CNT2000	Network Technologies	3	CGS1100	Microcomputer Applications	3
CTS2301	Introduction to Linux	3	CNT2000	Network Technologies	3
CTS1650	CISCO Networking 1	3	CTS2301	Linux Fundamentals	3
CTS2651	CISCO Networking 2	3	CTS1650	CISCO Networking 1	3
CTS2664	Router and Switch Security	3	CTS2651	CISCO Networking 2	3
Total Program Credits: 15			CTS2664	Router and Switch Security	3
			CNT2402	Implementing and Administering Network Security	3
			Total Program Credits: 21		

Current Information Security (6541)			Proposed Information Security (6541) CIP 0511100118		
Required Courses		Credits: 21	Required Courses		Credits: 30
CGS1100	Microcomputer Applications	3	CGS1100	Microcomputer Applications	3
COP1000	Introduction to Programming Logic	3	COP1000	Introduction to Programming Logic	3
CNT2000	Network Technologies	3	CNT2000	Network Technologies	3
CTS2301	Introduction to Linux	3	CTS2301	Linux Fundamentals	3
CTS2334	Local Area Networks	3	CTS2334	Local Area Networks	3
CTS2120	Security Essentials	3	CTS2120	Security Essentials	3
CTS2314	Attack Prevention and Detection	3	CTS2314	Attack Prevention and Detection	3
Total Program Credits: 21			CTS2320	Wide Area Networks 3	3
			CTS1110	Microcomputer Operating Systems	3
			CNT2402	Implementing and Administering Network Security	3
			Total Program Credits:30		

Justification: CTS2XXX - This course prepares students for Cisco Certified Entry Networking Technician (CCENT) Exam using a variety of question formats including simulated lab using Cisco Packet Tracer simulation software. Revised CCCs - These program revisions are required because the total number of credits did not match the state frameworks assigned.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

2. **Computer Information Security ATC**

<u>Deleted Courses</u>   **5 Year Rule-Effective January 2017 (20172)**

CNT2401	Computer Network Security Policy Development	3
CNT2407	Information Security Implementation and Standards	3
CNT2404	Network Attacks and Introduction to TCP/IP Security	3
CNT2405	Intrusion Detection Systems, Countermeasures and PKI	3

<u>Deleted Program</u>   **Effective January 2017 (20172)**

Computer Information Security ATC 4139		
Required Courses		**Credits: 12**
CNT2401	Computer Network Security Policy Development	3
CNT2407	Information Security Implementation and Standards	3
CNT2404	Network Attacks and Introduction to TCP/IP Security	3
CNT2405	Intrusion Detection Systems, Countermeasures and PKI	3
Total Program Credits: 12		

<u>Justification</u>: 5 Year Rule Courses - BOT Policy 6Hx-18-2.08 requires a review of courses that have not had enrollment in five years. This policy requires that these courses be inactivated at Palm Beach State and inactivated on the SCNS list of courses for Palm Beach State. The following courses fall under this criteria. Those courses included in programs offered at Palm Beach State must also have related curriculum actions to remove the courses from those programs. All cluster members approved of removing the Computer Information Security (4139) ATC and deactivating the courses, since there is a new Information Security CCC which covers the same competencies.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

F. **Creative Arts And Communications**

Interior Design

<u>Revised Courses</u>   **Effective May 2017 (20173)**

IND2307C	Interior Design Graphics (Changing credits from 4 to 3, changing contact hours from 3 lecture/ 2 lab to 2 lecture/2 lab)	4
IND2460C	CAD for Interiors 1 (Changing credits from 3 to 4, changing contact hours from 2 lecture/2 lab to 3 lecture/2 lab)	3

<u>Revised Program</u>   **Effective May 2017 (20173)**

Current Interior Design Technology (2012)			Proposed Interior Design Technology (2012)		
General Education		**Credits: 15**	**General Education**		**Credits: 15**
ARH1000	Art Appreciation		ARH1000	Art Appreciation	
	-or-			-or-	
	Any course from Humanities - Area II	3		Any course from Humanities - Area II	3
ENC1101	College Composition I	3	ENC1101	College Composition I	3
SPC1017	Fundamentals of Speech Communication	3	SPC1017	Fundamentals of Speech Communication	3
PSY2012	General Psychology		PSY2012	General Psychology	
	-or-			-or-	
	Any course from Social Science - Area V	3		Any course from Social Science - Area V	3
	Any course from either Mathematics - Area III or			Any course from either Mathematics - Area III or	
	Natural Sciences - Area IV, Tier 1 & 2	3		Natural Sciences - Area IV, Tier 1 & 2	3
Required Courses		**Credits: 60**	**Required Courses**		**Credits: 60**
IND1233C	Design Studio 1	4	IND1233C	Design Studio 1	4
IND1234C	Design Studio 2	4	IND1234C	Design Studio 2	4
IND1401C	Technical Design	4	IND1401C	Technical Design	4
IND1935	Building and Barrier Free Codes	3	IND1935	Building and Barrier Free Codes	3
IND2461	Building Systems	3	IND2461	Building Systems	3
IND2100	History of Interiors I	3	IND2100	History of Interiors I	3
IND2130	History of Interiors II	3	IND2130	History of Interiors II	3
IND2237C	Design Studio 3	4	IND2237C	Design Studio 3	4
IND2238C	Design Studio 4	4	IND2238C	Design Studio 4	4
IND2307C	Interior Design Graphics	4	IND2307C	Interior Design Graphics	3
IND2420	Materials, Estimating and Specifications	3	IND2420	Materials, Estimating and Specifications	3
IND2432C	Interior Lighting	3	IND2432C	Interior Lighting	3
IND2460C	CAD for Interiors 1	3	IND2460C	CAD for Interiors 1	4
IND2505	Professional Practices	3	IND2505	Professional Practices	3
IND2608	Sustainable Design	3	IND2608	Sustainable Design	3
IND2941	Interior Design Internship	2	IND2941	Interior Design Internship	2
IND2463C	CAD for Interiors 2	3	IND2463C	CAD for Interiors 2	3
IND2261C	Interior Detailing	4	IND2261C	Interior Detailing	4
Total Program Credits: 75			**Total Program Credits: 75**		

Justification: IND2307C - Last curriculum action allocated one credit to IND2307C. After further curriculum review, it was determined that the original 3 credit hours (2 lab / 2 lecture) are sufficient to fulfill the course learning outcomes. IND2460C - This course learning outcomes include the use of computer drafting software to create and modify construction drawings. Allocating an additional credit will provide additional contact hours necessary to introduce students to the practice of communicating design decisions and intended construction quality to other building professionals through working drawing including schedules and specifications appropriate to project size and scope.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

G. **Science and Environment**

Biotechnology AS

Revised Program   **Effective January 2017 (20172)**

Current Biotechnology AS (2158			**Proposed Biotechnology AS (2158)**		
General Education		**Credits: 16**	**General Education**		**Credits: 16**
ENC1101	College Composition 1	3	ENC1101	College Composition 1	3
~~MAC1105~~	~~College Algebra~~	3	BSC1010	Principles of Biology 1	3
BSC1010	Principles of Biology 1	3	BSC1010L	Principles of Biology 1 Lab	1
BSC1010L	Principles of Biology 1 Lab	1		Any course from Humanities - Area II	3
	Any course from Humanities - Area II	3		Any course from Mathematics-Area III with an MAC prefix	3
	Any course from Social Science - Area V	3		Any course from Social Science - Area V	3
Required Courses		**Credits: 45**	**Required Courses**		**Credits: 45**
BSC2421	Introduction to Biotechnology	3	BSC2421	Introduction to Biotechnology	3
	and			and	
BSC2421L	Introduction to Biotechnology Lab	2	BSC2421L	Introduction to Biotechnology Lab	2
	-or-			-or-	
BSC1404C	Introduction to Biotechnological Methods *	5	BSC1404C	Introduction to Biotechnological Methods *	5
BSC2420	Biotechnology 1	3	BSC2420	Biotechnology 1	3
BSC2420L	Biotechnology 1 Lab	2	BSC2420L	Biotechnology 1 Lab	2
BSC2427	Biotechnology 2, Molecular Biology, Cell & Immunobiology	3	BSC2427	Biotechnology 2, Molecular Biology, Cell & Immunobiology	3
BSC2427L	Biotechnology 2, Molecular Biology, Cell and Immunobiology Lab	2	BSC2427L	Biotechnology 2, Molecular Biology, Cell and Immunobiology Lab	2
BSC2945C	Biotechnology Internship	2	BSC2945C	Biotechnology Internship	2
BSC2416C	Introduction to Tissue Culture Lab	2	BSC2416C	Introduction to Tissue Culture Lab	2
BSC2426C	Introduction to Biotechnology Instrumentation Lab	2	BSC2426C	Introduction to Biotechnology Instrumentation Lab	2
BSC2435	Introduction to Bioinformatics	1	BSC2435	Introduction to Bioinformatics	1
CHM1045	General Chemistry 1	3	CHM1045	General Chemistry 1	3
CHM1045L	General Chemistry 1 Lab	1	CHM1045L	General Chemistry 1 Lab	1
CHM1046	General Chemistry 2	3	CHM1046	General Chemistry 2	3
CHM1046L	General Chemistry 2 Lab	1	CHM1046L	General Chemistry 2 Lab	1
CHM2210	Organic Chemistry 1	3	CHM2210	Organic Chemistry 1	3
CHM2210L	Organic Chemistry 1 Lab	1	CHM2210L	Organic Chemistry 1 Lab	1
CHM2211	Organic Chemistry 2	3	CHM2211	Organic Chemistry 2	3

CHM2211L	Organic Chemistry 2 Lab	1	CHM2211L	Organic Chemistry 2 Lab	1
MCB2010	Microbiology	3	MCB2010	Microbiology	3
MCB2010L	Microbiology Lab	1	MCB2010L	Microbiology Lab	1
STA2023	Statistics	3	STA2023	Statistics	3
Total Program Credits: 61			**Total Program Credits: 61**		
A challenge exam is available for those students who qualify to take this course. Those who do not pass the exam will be advised to take BSC 2421 and BSC 2421L. See Program Director for details.			*A challenge exam is available for those students who qualify to take this course. Those who do not pass the exam will be advised to take BSC 2421 and BSC 2421L. See Program Director for details.*		

Justification: The Biotechnology Program is requesting that the Biotech degree audit not require MAC1105 alone as the Area III Mathematic requirement but allow any MAC prefix course in the Area III listing. It would save having to do individual course substitutions. The degree audit would then reflect MAC*, and any MAC number would meet the requirement. Many Biotechnology students place out of MAC1105 (College Algebra) through testing and go on to take a higher level math course(s). This curricular change would allow any of the higher level math courses above to satisfy the Biotechnology AS degree requirement for Area III.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

H.   Trade and Industry

Apprenticeships

Deleted Courses   **5 Year Rule-Effective May 2017 (20173)**

BCA0340	Electrical Apprenticeship 9 (PSAV)	72 clock hours
BCA0341	Electrical Apprenticeship 10 (PSAV)	72 clock hours
BCA0345-R	Electrical Apprenticeship Co-op 9 (PSAV)	475 clock hours
BCA0346-R	Electrical Apprenticeship Co-op 10 (PSAV)	350 clock hours

Deleted Program   **Effective May 2017 (20173)**

Electrical Apprentice (5257)JATC/Union 5 Year Program		**7220 Clock Hours**
BCA0350	Apprenticeship in Residential Wiring 1 (First Year - First Course) (PSAV)	72 clock hours
BCA0351	Apprenticeship in Residential Wiring 2 (First Year - Second Course (PSAV)	72 clock hours
BCA0352	Apprenticeship in Residential Wiring 3 (Second Year - Second Course) (PSAV)	72 clock hours
BCA0353	Apprenticeship in Electrical Wiring 4 (Second Year - Second Course) (PSAV)	72 clock hours
BCA0354	Apprenticeship in Electrical Wiring 5 (Third Year - First Course) (PSAV)	72 clock hours
BCA0355	Apprenticeship in Electrical Wiring 6 (Third Year - Second Course) (PSAV)	72 clock hours
BCA0356	Apprenticeship in Electrical Wiring 7 (PSAV)	72 clock hours
BCA0357	Apprenticeship in Electrical Wiring 8 (Fourth Year-Second Course) (PSAV)	72 clock hours
BCA0358-R	Electrical Apprenticeship Co-op 1 (PSAV)	475 clock hours
BCA0359-R	Electrical Apprenticeship Co-op 2 (PSAV)	350 clock hours
BCA0361-R	Electrical Apprenticeship Co-op 3 (PSAV)	475 clock hours
BCA0362-R	Electrical Apprenticeship Co-op 4 (PSAV)	350 clock hours

BCA0364-R	Electrical Apprenticeship Co-op 5 (PSAV)	475 clock hours
BCA0365-R	Electrical Apprenticeship Co-op 6 (PSAV)	350 clock hours
BCA0367-R	Electrical Apprenticeship Co-op 7 (PSAV)	475 clock hours
BCA0368-R	Electrical Apprenticeship Co-op 8 (PSAV)	350 clock hours
~~BCA0340~~	~~Electrical Apprenticeship 9 (PSAV)~~	~~72 clock hours~~
~~BCA0341~~	~~Electrical Apprenticeship 10 (PSAV)~~	~~72 clock hours~~
~~BCA0345-R~~	~~Electrical Apprenticeship Co-op 9 (PSAV)~~	~~475 clock hours~~
~~BCA0346-R~~	~~Electrical Apprenticeship Co-op 10 (PSAV)~~	~~350 clock hours~~

Apprenticeship PSAV
Careers
Employment Opportunities
Apprenticeships are available in:

Electrical Apprentice (5170)
Florida Electrical Apprenticeship
4 Year Program
Pamela Anderson
561-697-4893

Electrical Apprentice (5257)
~~JATC/Union~~
~~5 Year Program~~
~~John Simmons~~
~~561-968-4400 ext. 411~~

HVAC Tech Apprentice (5266)
Florida Air Conditioning Apprenticeship
4 Year Program
Steve Sparks
561-262-7523

Justification: 5 Year Rule Courses - BOT Policy 6Hx-18-2.08 requires a review of courses that have not had enrollment in five years. This policy requires that these courses be inactivated at Palm Beach State and inactivated on the SCNS list of courses for Palm Beach State. The following courses fall under this criteria. Those courses included in programs offered at Palm Beach State must also have related curriculum actions to remove the courses from those programs. This apprenticeship program has relocated to another county and is under another LEA (local education agency) and courses are Five Year Rule courses. The majority of the program courses are not being deleted because they makeup the Electrical Apprentice 4 Year Program.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

I.   **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
	Cynthia Alexandre, Mathematics-1st Year LW
	Patty Braga, Sonography, 1st Year, PBG
	Lauren Chambers, English/Lit-2nd Year PBG
	Cheryl Christensen, Natural Science-2nd Year BR
	Zenaida Espinosa, Interior Design-2nd Year LW
	Tod Fairbanks, Microbiology-2nd Year PBG
	Hector Hernandez, BAS IM-1st Year District
	Wendy Mendez-Hasselman, Spanish, 1st Year BR
	Cynthia Judd, Chemistry-2nd Year PBG
	Richard Shreve, Chemistry-2nd Year BR
	Michele Tiggle, BAS Health Adm-3rd Year District CHAIR
	Administrative Members
	Susan Bierster, Acting Dean Curriculum and Educational Technology-2nd Year District
	Robert Gingras, Academic Assoc Dean- 2nd Year PBG
	Teresa Armas, Financial Aid Specialist
	Roz McFarlane McCalla, Associate District Registrar
	Kathleen Karran-Mccoy, Student Services Asst. Dean - 1st Year District
	Geri Spain, Academic Services (Non-voting)
	Cyndi Demitruk, 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						