FA - Possible Financial Aid Action Warranted

I. Approval of January 29, 2015 Minutes, February 11, 2015 E-vote (PLA AS), February 19, 2015 E-vote (ENC1101-MAT1033)

Discussion: None

Data sources consulted: Minutes

Action:

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

CCE/Avocation Course Action January 23rd through March 6, 2015

New Avocational and	Title	Clock Hours
CCE Courses		
FFO0221	Structural Collapse Rescue Awareness & Operations Level	40
FFO0222	Structural Collapse Rescue Technician Level	40
HEO0252	PreK CLASS: Emotional Support	10
LGO0132	Intermediate German	16
LUO0173	Great Discussions Book Group	16
MTO0160	Introduction to Massage Cupping	7
MTO0161	Aromatherapy for the Massage Therapist	8
MTO0162	Introduction to Pediatric Massage: Nurturing Touch	4
MTO0163	Mother Earth's Dance with Stones	16
TIO0495	ISO 9001:2008 Lead Auditor	24
TIO0496	ISO 14001:2004 Lead Auditor	24
YCO0206	Summer Youth Art Program Week 6	32
YCO0633	Youth Art Academy	15
YCO0634	Maker Camp	15

Revised Avocational and	Title	Changes
CCE Courses		
HEO0250	Understanding Literacy through GOLD	Change clock hours from 10 to 12.
HEO0251	Understanding Writing through GOLD	Change clock hours from 10 to 12.

Minutes Corrections

5/27/14 CCC E-Vote Mobile Apps and Java Programming CCCs. Approved by Curriculum Committee E-vote in Summer 2014, on closer look it was determined that each CCC had too many hidden prerequisites for students to complete before finishing the certificates. Dr. Sass and Dr. Pedersen asked the Computer Cluster to rework these programs so that there were no hidden prerequisites. With additional course actions that will remove existing prereqs determined by the cluster to not be necessary and the assignment of alternate statewide curriculum frameworks, a new configuration of these certificates was created and approved by the Computer Cluster. (FLDOE allows CCCs to be offered for less than the prescribed number of credits on the curriculum frameworks.)

Revised Program Effective August 2015

Current (CIP 21 credits)		Revised (CIP 27/28 Credits)			
Mobile Application Development CCC (CIP# 0545070213)		Mobile Application Development CCC (CIP #0511010312)		<mark>11010312</mark>)	
(6145)			(6145)		
REQUIRED CO	URSES	CREDITS	REQUIRED	COURSES	CREDITS
COP 2800	Programming in Java *	3	CGS1100	Microcomputer Applications	3
COP 2660	Android Programming **	3	COP1000	Introduction to Programming Logic	3
COP 2654	Objective C Programming **	3	COP 2800	Programming in Java	3
	,	_	COP 2660	Android Programming	3
COP 2840	Server-Side Programming***	3	COP 2654	Objective C Programming	3
COP 2831	Advanced Web Page Applications (XML	and	COP 2840	Server-Side Programming	3

	Javascript)****	3	COP 2831	Advanced Web Page Applications (XML and	
COP 2XXX	iOS Programming	3		Javascript)	3
			COP 2654	iOS Programming	3
COP 2XXX	Cross-platform Mobile App Development	3	COP 2657	Cross-platform Mobile App Development	3
Total Progra	am Credits	21	Total Pro	gram Credits	27
	vill need to complete COP1220 or COP 2334 to tificate course. 11/20/14 CC Correction	enroll			
**Student w	; ill need to complete COP1000 to enroll in this				
certificate	course. 3/15 CC Corrections				
***Student \	will need to complete COP1000 and one of the				
-following:	COP1220, COP1332, COP2334, COP2800, or				
— COP2831 to	o enroll in this certificate course.				
**** Studen	t will need to complete COP1220 or COP 282	2 to			
enroll in th	nis certificate course. 3/15 CC Corrections				

Current (CIP 18/28 credits)	Revised (CIP 24 credits)		
Java Programming CCC (CIP# 0511010311) (6144)	Java Programming CCC (CIP # 0511010309) (6144)		
REQUIRED COURSES CREDITS	REQUIRED COURSES CREDITS		
COP 1000 Introduction to Programming Logic* 3 COP 2822 Web Site Design ** 3 COP 2800 Programming in Java *** 3 COP 2805 Advanced Java Programming 3 COP 2831 Advanced Web Page Applications (XML and Javascript)**** 3 COP 2660 Android Programming 3	CGS1100 Microcomputer Applications 3 COP 1000 Introduction to Programming Logic 3 COP 2822 Web Site Design 3 COP 2800 Programming in Java 3 COP 2805 Advanced Java Programming 3 COP 2831 Advanced Web Page Applications (XML and Javascript) * 3 COP 2660 Android Programming 3		
Total Program Credits 18	Total Program Credits 21		
*Student will need to complete CGS1100 to enroll in this certificate course. 3/15 CC Correction ** Student will need to complete CGS2555 or ART1201C, ART1300C, GRA2100C (or GRA2131C) and ART1205C to enroll in			
this course. 3/15 CC Correction			

1/29/15 IV.F.2. Aeronautical Science AS The following revisions were overlooked or corrected for these AS courses:

ATF1112C – Private Pilot Flight 2 – Airplane (AS): Remove "DE" special designator

ATF1150LB - Flight Lab 1 - Airplane (AS): Add "1A" special designator

ATF2300 - Instrument Rating Flight 1 - Airplane (AS): "Change ATT2110 should read "Change ATT2120

ATF2340 – Instrument Rating Flight 1 – Helicopter (AS): Add pre/coreq of ATF1602C with a grade of C or higher to CD panel and prereq statement.

ATF2341L – Instrument Rating Flight 2 – Helicopter (AS): Add pre/coreq of ATF1602C with a grade of C or higher to CD panel and prereq statement.

ATF2510L – Flight Instructor Multi-Engine (MEI) Flight – Airplane (AS): Add 2197H to control access codes on CD panel ATF2540L – Flight Instructor (Initial CFI) Flight – Helicopter (AS): Add "requires department chair permission" ATT2120 – Instrument Ground School (AS): "Add pre/coreq of ATT2120 should read "Add pre/coreq of ATT1100

<u>1/29/15 IV.F.3.</u> Engineering Technology AS The VPAA had concerns about the volume of new courses and program concentration configurations that offered too many course choices which could not be offered in a timely manner and would force students to take more that the total number of credits in the program. This situation would be problematic for students on Financial aid. The program manager was asked to redistribute the required and elective courses within each concentration, eliminate those courses not strictly necessary to the program and revise some course content so that course credits could be changed to allow students to take the exact total number of credits for each concentration. In addition, Academic Services revised the effective dates of the courses to reflect when the new courses would first be offered within the program as the effective date. Finally, Risk Management determined that only ETD2941 Engineering Technology Internship would need

Medical Accident and Standard Liability Insurance. The remaining new courses would only need Medical Accident Insurance. The resulting changes are reflected below.

New Courses Effective August 2015

<u>New Courses</u>				Effective August 20		
Course	Title	Credits	Lecture/lab	Pre/coreq	Special fee	Med acc/liab
				P-MAC1105/C-		
EET1084C	Electrical Circuits and Electronics	3	32/48	PHY1001	\$33	Med Acc
EET1141C	Analog Devices	3	32/32	P-EET1025C	\$25	Med Acc
EET1142C	Analog Circuits	3	32/32	P-EET1141C	\$25	Med Acc
	Through-Hole Surface Mount			P-EET1084C or		Med Acc
EET1610C	Soldering	2	16 /32	EET1215C	\$35	
	Electronic Fabrication and Fiber			P-EET1084C or		Med Acc
EET2609C	Optics	3	32/32	EET1215C	\$24	
	Advanced Surface Mount Soldering					Med Acc
EET2620C	Technology	2	16 /32	P-EET1610C	\$35	
				P-EET1084C or		Med Acc
EET2724C	Schematic Capture and Modeling	3	32/32	EET1215C	\$18	
ETD2320C	Introduction to AutoCAD	3	32/32	NA	None	NA
				P-ETM1010C,		
				ETI1701, ETI2110,		
			240 clin (5	ETI2110, ETI1830,		
			contact hrs	ETD2320C,		
			per credit	(EET1084C or		
ETD2941	Engineering Technology Internship	3	per week)	EET1215C)	None	both
				P-ETM1010C,		Med Acc
				ETI1701,		
				ETI2110,		
				ETI1830, ETD2320C,		
	Special Topics in Engineering			(EET1084C or		
ETD2950C	Technology	3	16/64	EET1215C)	\$55	
ETI1830	Materials and Processes 1	3	48 lect	NA	None	NA
ETI2110	Introduction to Quality Assurance	3	48 lect	NA	None	NA
	Mechanical Measurements &			P-MAC1105 and		Med Acc
ETM1010C	Instruments	2	16/32	ETI1701	\$20	
				P-EET1084C or		Med Acc
TITE 2 11 2 2			4 - 12 -	EET1215C or	.	
ETP2410C	Photovoltaic Technology	2	16/32	ETP1200	\$16	Mod Ac-
ETS1810C	Energy Efficient Buildings	3	32/32	NA	None	Med Acc

Effective August 2016

		Effective August 2016				
					Special	Med
Course	Title	Credits	Lecture/lab	Pre/coreq	fee	acc/liab
				P-EET1084C or		Med Acc
EET1611C	Standard Testing and Certification	2	16 /32	EET1215C	\$35	
				P-EET1084C or		Med Acc
	Electronic Communications			EET1215C or		
EET2325C	Systems	3	32/32	ETP1200	\$24	
	Geometric Dimensioning and					Med Acc
EGS2122	Tolerancing	2	32 lect	P-ETM1010C	None	

ETP1400C	Generation and Storage Alternative Fuels and Electric	2	16/32	ETP1200 P-EET1084C or EET1215C or	\$24	
ETD1 400G	Distributed Electric Power	2	16/22	P-EET1084C or EET1215C or	Φ2.4	Med Acc
ETI2851C	Applied Mechanics	3	32/32	P-ETI1830 and ETI1701	\$15	Med Acc
ETS 2460C	Composites Fundamentals	3	32/32	P ETI2851C	\$85	both
ETI2121C	Non-Destructive and Destructive Testing	3	32/32	P-ETI1701, ETI1830, ETI2851C	\$44	Med Acc
ET1622	Concepts of Lean Manufacturing and Six Sigma	2	32 lect	NA	None	NA
ETI1411	Manufacturing Process	2	32 lect	P-ETI2110 and ETI1830	None	NA
ETD2364C	SolidWorks Fundamentals	3	32/32	P-ETD2320C	None	NA
ETD2355C	AutoCAD 3D Modeling	3	32/32	P-ETD2340C	None	Med Acc
ETD2340C	AutoCAD 2	3	32/32	P-ETD2320C	None	Med Acc

Revised Courses

	Microprocessors 1 (Change prereq to EET1215C or EET1084C with a grade of C or higher)	3
ETP 1402	Introduction to Solar Energy (Change prereq to ETP1200 or EET1215C or EET1084C with a grade of or higher)	f C 3
ETP 1511C	Introduction to Biofuels (Change prereq to ETP1200 or EET1215C or EET1084C with a grade of C o	_
	higher)	3
ETP1530C	Introduction to Wind Energy (Change prereq to ETP1200 or EET1215C or EET1084C with a grade o	
ETP 1540	or higher) Introduction to Hydro Power (Change prereq to ETP1200 or EET1215C or EET1084C with a grade o	3 f C
211 13 10	or higher; Remove Corequisite EET1015C (with a grade of C or higher)	3
EEG 2520G	Effective August 2016	
ETS 2520C	Process Measurement Fundamentals (Change prereq to EET1215C or EET1084C with a grade of C or higher)	r 2
	inglier)	2
New Program	Effective August 2015	
ENGINEER	ING TECHNOLOGY AS DEGREE (CIP 1615000001 60 Credits)	
	ING TECHNOLOGY AS DEGREE (CIP 1615000001 60 Credits) IVE ENERGY SYSTEMS CONCENTRATION (Program Code 1)	
ALTERNAT GENERAL I	IVE ENERGY SYSTEMS CONCENTRATION (Program Code 1) EDUCATION COURSES	CREDITS
ALTERNAT GENERAL I	IVE ENERGY SYSTEMS CONCENTRATION (Program Code 1)	CREDITS 3
ALTERNAT GENERAL I SPC	IVE ENERGY SYSTEMS CONCENTRATION (Program Code 1) EDUCATION COURSES	
ALTERNAT GENERAL I SPC MA	IVE ENERGY SYSTEMS CONCENTRATION (Program Code 1) EDUCATION COURSES 1017 Fundamentals of Speech Communication	3
ALTERNAT GENERAL I SPC MAC ENC	IVE ENERGY SYSTEMS CONCENTRATION (Program Code 1) EDUCATION COURSES 1017 Fundamentals of Speech Communication C 1105 College Algebra C 1101 College Composition 1 2012 General Psychology	3 3 3 3
ALTERNAT GENERAL I SPC MAC ENC	IVE ENERGY SYSTEMS CONCENTRATION (Program Code 1) EDUCATION COURSES 1017 Fundamentals of Speech Communication C 1105 College Algebra C 1101 College Composition 1	3 3 3
ALTERNAT GENERAL I SPC MA ENC PSY	IVE ENERGY SYSTEMS CONCENTRATION (Program Code 1) EDUCATION COURSES 1017 Fundamentals of Speech Communication C 1105 College Algebra C 1101 College Composition 1 2012 General Psychology Humanities Area II Z1001 Applied Physics	3 3 3 3
ALTERNAT GENERAL I SPC MARIE ENC PSY PHY Total General	IVE ENERGY SYSTEMS CONCENTRATION (Program Code 1) EDUCATION COURSES 1017 Fundamentals of Speech Communication C 1105 College Algebra C 1101 College Composition 1 2012 General Psychology Humanities Area II C 1001 Applied Physics all Education Credits	3 3 3 3 3
ALTERNAT GENERAL I SPC MA ENC PSY PHY Total Genera CORE COU	IVE ENERGY SYSTEMS CONCENTRATION (Program Code 1) EDUCATION COURSES 1017 Fundamentals of Speech Communication C 1105 College Algebra C 1101 College Composition 1 2012 General Psychology Humanities Area II Z 1001 Applied Physics al Education Credits RSES	3 3 3 3 3 3
ALTERNAT GENERAL I SPC MA ENC PSY PHY Total Genera CORE COU	IVE ENERGY SYSTEMS CONCENTRATION (Program Code 1) EDUCATION COURSES 1017 Fundamentals of Speech Communication C 1105 College Algebra C 1101 College Composition 1 2012 General Psychology Humanities Area II C 1001 Applied Physics all Education Credits	3 3 3 3 3 3

Effective August 2015

ETI 170	1 Environmental Health & Safety	3
ETI 211	0 Introduction to Quality Assurance	3
ETI 183	0 Materials and Processes 1	3
ETD 23	20C Introduction to AutoCAD	3
EET 108	84C Electrical Circuits and Electronics	3
Total Core Cour	se Credits	17
ALTERNATIVE	E ENERGY SYSTEMS REQUIRED COURSES	
ETP 140	00C Distributed Electric Power Generation and Storage	2
ETP 140	2 Introduction to Solar Energy	3
ETP 151	11C Introduction to Biofuels	3
ETP 153	30C Introduction to Wind Energy	3
ETP 155	50 Alternative Fuels and Electric Vehicle Technologies	3
Total Alternative	e Energy Systems Concentration Credits	14
TECHNICAL E	LECTIVES (Select 11 credits from the following):	
ETP 241	10C Photovoltaic Technology	2
ETS 183	10C Energy Efficient Buildings	3
ETP 151	10C Biofuels and Biomass	3
ETP 154	10 Introduction to Hydro Power	3
ETD 29	50C Special Topics in Engineering Technology	3
ETD 29	41 Engineering Technology Internship	3
Total Technical	Electives	11
TOTAL Program	n Credits	60
ELECTRONICS	S CONCENTRATION (Program Code 2)	
		CREDITS
GENERAL EDU	UCATION COURSES	CREDITS 3
GENERAL EDU SPC 102	UCATION COURSES 17 Fundamentals of Speech Communication	3
GENERAL EDU SPC 102 MAC 12	UCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra	3 3
GENERAL EDU SPC 101 MAC 11 ENC 11	UCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra 101 College Composition 1	3 3 3
GENERAL EDU SPC 101 MAC 11 ENC 11	UCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra 10 College Composition 1 12 General Psychology	3 3 3 3
GENERAL EDU SPC 10: MAC 1: ENC 11 PSY201	UCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra 101 College Composition 1 2 General Psychology Humanities Area II	3 3 3 3 3
GENERAL EDU SPC 101 MAC 11 ENC 11 PSY201 PHY100	UCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra 101 College Composition 1 102 General Psychology Humanities Area II 101 Applied Physics	3 3 3 3 3 3
GENERAL EDU SPC 10: MAC 1: ENC 11 PSY201 PHY100 Total General Ed	UCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra 101 College Composition 1 12 General Psychology Humanities Area II 101 Applied Physics 102 diagram of the communication o	3 3 3 3 3
GENERAL EDU SPC 103 MAC 13 ENC 11 PSY201 PHY100 Total General Ed	UCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra 101 College Composition 1 12 General Psychology Humanities Area II 101 Applied Physics 102 ducation Credits 103 College Communication 105 College Algebra 106 College Algebra 107 College Algebra 108 College Algebra 109 College Algebra 100 College Algebra 100 College Algebra 101 College Composition 1 102 College Composition 1 103 College Composition 1 104 College Composition 1 105 College Composition 1 106 College Composition 1 107 College Composition 1 108 College Composition 1 108 College Composition 1 109 College Composition 1 1	3 3 3 3 3 3
GENERAL EDU SPC 103 MAC 13 ENC 11 PSY201 PHY100 Total General Ed	TCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra 10 College Composition 1 12 General Psychology Humanities Area II 10 Applied Physics 11 Applied Physics 12 College Composition 1 12 General Psychology Humanities Area II 13 Applied Physics 14 College Composition 1 15 General Psychology Humanities Area II 16 Applied Physics 17 College Composition 1 18 General Psychology Humanities Area II 19 Applied Physics 10 College Composition 1	3 3 3 3 3 18
GENERAL EDU SPC 10: MAC 1: ENC 11 PSY201 PHY100 Total General Edu CORE COURSE ETM 10	UCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra 101 College Composition 1 12 General Psychology Humanities Area II 101 Applied Physics 101 ducation Credits 102 College Composition 1 103 Environmental Health & Safety	3 3 3 3 3 3 18
GENERAL EDU SPC 10: MAC 1: ENC 11 PSY201 PHY100 Total General E CORE COURSE ETM 10 ETI 170	UCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra 101 College Composition 1 12 General Psychology Humanities Area II 101 Applied Physics 101 Applied Physics 101 College Composition 1 102 General Psychology Humanities Area II 103 Applied Physics 104 Credits 105 College Composition 1 106 General Psychology Humanities Area II 107 Applied Physics 108 General Psychology Humanities Area II 108 Applied Physics 109 General Psychology Humanities Area II 109 Applied Physics 100 Credits 100 Introduction to Quality Assurance	3 3 3 3 3 3 18
GENERAL EDU SPC 10: MAC 1: ENC 11 PSY201 PHY100 Total General EC CORE COURSE ETM 10 ETI 170 ETI 211 ETI 183	UCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra 101 College Composition 1 12 General Psychology Humanities Area II 101 Applied Physics 101 Applied Physics 101 College Composition 1 102 General Psychology Humanities Area II 103 Applied Physics 104 Credits 105 College Composition 1 106 General Psychology Humanities Area II 107 Applied Physics 108 General Psychology Humanities Area II 108 Applied Physics 109 General Psychology Humanities Area II 109 Applied Physics 100 Credits 100 Introduction to Quality Assurance	3 3 3 3 3 18
GENERAL EDU SPC 10: MAC 1: ENC 11 PSY201 PHY100 Total General Edu CORE COURSE ETM 10 ETI 170 ETI 211 ETI 183 ETD 23	Trundamentals of Speech Communication To Fundamentals of Speech Communication To College Algebra To College Composition 1 General Psychology Humanities Area II Applied Physics To Chechanical Measurements & Instruments Environmental Health & Safety Introduction to Quality Assurance Materials and Processes 1 Materials and Processes 1 Materials and Processes 1	3 3 3 3 3 3 18
GENERAL EDU SPC 10: MAC 1: ENC 11 PSY201 PHY100 Total General Edu CORE COURSE ETM 10 ETI 170 ETI 211 ETI 183 ETD 23	TCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra 101 College Composition 1 12 General Psychology Humanities Area II 101 Applied Physics 101 Applied Physics 101 College Composition 1 102 General Psychology Humanities Area II 103 Applied Physics 104 Applied Physics 105 Introduction Credits 105 Introduction to Quality Assurance 106 Materials and Processes 1 107 Introduction to AutoCAD 108 Electronic Communication Systems	3 3 3 3 3 18 2 3 3 3 3 3 3 3 3 3 3 3
GENERAL EDU SPC 10: MAC 1: ENC 11 PSY201 PHY100 Total General Ed CORE COURSE ETM 10 ETI 170 ETI 211 ETI 183 ETD 23 EET 23: Total Core Cour	TCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra 101 College Composition 1 12 General Psychology Humanities Area II 101 Applied Physics 101 Applied Physics 101 College Composition 1 102 General Psychology Humanities Area II 103 Applied Physics 104 Applied Physics 105 Introduction Credits 105 Introduction to Quality Assurance 106 Materials and Processes 1 107 Introduction to AutoCAD 108 Electronic Communication Systems	3 3 3 3 3 3 18 2 3 3 3 3 3 3 3 3 3 3 3
GENERAL EDU SPC 10: MAC 1: ENC 11 PSY201 PHY100 Total General Ec CORE COURSE ETM 10 ETI 170 ETI 211 ETI 183 ETD 23 EET 23: Total Core Cour ELECTRONICS	To Fundamentals of Speech Communication To Fundamentals of Speech Communication To College Algebra To College Composition 1 General Psychology Humanities Area II Applied Physics To College Composition 1 Environmental Measurements & Instruments Environmental Health & Safety Introduction to Quality Assurance Materials and Processes 1 Materials and Processes 1 College Communication Systems To College Algebra To	3 3 3 3 3 3 18 2 3 3 3 3 3 3 3 3 3 3 3
GENERAL EDU SPC 10: MAC 1: ENC 11 PSY201 PHY100 Total General E CORE COURSE ETM 10 ETI 170 ETI 211 ETI 183 ETD 23 EET 23: Total Core Cour ELECTRONICS EET 10	TCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra 101 College Composition 1 12 General Psychology Humanities Area II 101 Applied Physics 101 Applied Physics 101 Communication Credits 102 Environmental Measurements & Instruments 11 Environmental Health & Safety 10 Introduction to Quality Assurance 10 Materials and Processes 1 120 Communication Systems 15 Credits 16 Credits 17 Fundamentals of Speech Communication Systems 18 Credits 19 General Psychology Humanities Area II 10 Applied Physics 10 Applied Physics 11 Applied Physics 12 Environmental Measurements & Instruments 12 Environmental Health & Safety 13 Introduction to Quality Assurance 14 Auto-CAD 15 Electronic Communication Systems 16 Credits 17 Credits 18 Cr	3 3 3 3 3 3 18 2 3 3 3 3 3 3 17
GENERAL EDU SPC 10: MAC 1: ENC 11 PSY201 PHY100 Total General Edu CORE COURSE ETM 10 ETI 170 ETI 211 ETI 183 ETD 23 EET 23: Total Core Course ELECTRONICS EET 10 EET 10:	CCATION COURSES 17 Fundamentals of Speech Communication 105 College Algebra 101 College Composition 1 12 General Psychology Humanities Area II 101 Applied Physics 101 Applied Physics 101 College Composition 1 11 Environmental Measurements & Instruments 12 Environmental Health & Safety 10 Introduction to Quality Assurance 10 Materials and Processes 1 12 College Composition 1 12 General Psychology Humanities Area II 13 Applied Physics 14 Environmental 15 Environmental 16 Environmental Health & Safety 17 Environmental Health & Safety 18 Environmental Health & Safety 19 Environmental Health & Safety 10 Environmental Health & Safety 10 Environmental Health & Safety 10 Environmental Health & Safety 11 Environmental Health & Safety 12 Environmental Health & Safety 13 Environmental Health & Safety 14 Environmental Health & Safety 15 Environmental Health & Safety 16 Environmental Health & Safety 17 Environmental Health & Safety 18 Environmental Health & Safety 19 Environmental Health & Safety 10 Environmental Health & Safety 11 Environmental Health & Safety 12 Environmental Health & Safety 13 Environmental Health & Safety 14 Environmental Health & Safety 15 Environmental Health & Safety 16 Environmental Health & Safety 17 Environmental Health & Safety 18 Environmental Health & Safety 18 Environmental Health & Safety 18 Environmental Health & Safety 19 Environmental Health & Safety 10 Environmental Health & Safety 11 Environmental Health & Safety 12 Environmental Health & Safety 13 Environmental Health & Safety 14 Environmental Health & Safety 15 Environmental Health & Safety 16 Environmental Health & Safety 17 Environmental Health	3 3 3 3 3 3 18 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

CET 2127C Microprocessors 2		3
Total Electronics Concentration Credits		15
TECHNICAL ELECTIVES (Select 10 credits from the	following):	
EET 2724C Schematic Capture and Modeling		3
EET 1610C Through-Hole and Surface-Mount So	oldering	2
EET 2620C Advanced Surface-Mount Soldering	Technology	2
EET 1141C Analog Devices		3
EET 1142C Analog Circuits		3
EET 2609C Electronic Fabrication and Fiber Opti	ícs	3
ETD 2950C Special Topics in Engineering Techn	ology	3
ETD 2941 Engineering Technology Internship		3
Total Technical Electives		10
TOTAL Program Credits		60
New Program Concentration	Effective August 2016	
ENGINEERING TECHNOLOGY AS DEGREE (CIP 1	615000001 60 Credits)	
ADVANCED TECHNOLOGY CONCENTRATION (P	rogram Code 3)	
GENERAL EDUCATION COURSES		CREDITS
SPC 1017 Fundamentals of Speech Communicat	tion	3
MAC 1105 College Algebra		3
ENC 1101 College Composition 1		3
PSY2012 General Psychology		3
Humanities Area II		3
PHY1001 Applied Physics		3
Total General Education Credits		18
CORE COURSES		
ETM 1010C Mechanical Measurements & Instrur	nents	2
ETI 1701 Environmental Health & Safety		3
ETI 2110 Introduction to Quality Assurance		3
ETI 1830 Materials and Processes 1		3
ETD 2320C Introduction to AutoCAD		3
EET 1084C Electrical Circuits and Electronics		3
Total Core Course Credits		17
ADVANCED TECHNOLOGY REQUIRED COURSES	}	
EET 2325C Electronic Communication Systems		3
ETD 2364C SolidWorks Fundamentals		3
ETI 2851C Applied Mechanics		3
ETS 2520C Process Measurement Fundamentals		3
ETI 2121C Non-Destructive and Destructive Tes	sting	3
Total Advanced Technology Concentration Credits		25
TECHNICAL ELECTIVES (Select 10 credits from the	following):	
EET 1611 Standard Testing and Certification		2
ETI 1411 Manufacturing Process		2
EGS2122 Geometric Dimensioning and Toleran	_	2
ETI 1622 Concepts of Lean Manufacturing and	Six Sigma	2

ETD 2340C AutoCAD 2	3
ETD 2355C AutoCAD 3D Modeling	3
ETD 2950C Special Topics in Engineering Technology	3
ETD 2941 Engineering Technology Internship	3
Total Technical Electives	10
TOTAL Program Credits	60

III. Old Business

Discussion: NA

Data sources consulted: Curriculum Support Documents

Action:

IV. New Business Credits/Clock Hours

A. AA Courses

1. Honors College

New Course
SLS 1501 Honors Introduction to College Experience (AA course 3 credits, 3 lecture contact hours, Prerequisite: acceptance into the Honors College, AW grading.)

<u>Justification</u>: Palm Beach State College does not currently offer an Honors SLS1501 course. This course offering will also enhance the overall experience of students who are accepted into the Honors College. Approved by SLS Cluster and Honors College Advisory Council.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

2. Service Learning

New Course
SLS 1319L True Calling: Community Based Learning (AA course, 1 credit, 32 lab hours, No pre/coreqs, AN grading, Medical Accident Insurance, no special fees, repeat 3 times for credit)

1

<u>Justification</u>: President Gallon and Dr. Sass invited a campus-wide team to attend the 2015 FL Campus Compact Engagement Institute with hopes of expanding program offerings to include community-based learning through civic engagement. The genesis of this initiative was to integrate high impact practices to be in line with our peer institutions by offering students experiential learning opportunities to explore career possibilities and assist in identifying their majors while improving retention rates.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

B. Computer Science AS Degree

New Course Effective August 2015

3

CIS 2XXX Computer Technology Internship (AS course, 3 credits, 5 lab hours per credit, AW grading, prereq of COP1000 or CNT2000, no special fees, repeat 3 times for credit)

3

<u>Justification:</u> This internship course in computer science and information technology introduces students to how a business incorporates academic knowledge with real world day-to-day corporate operations. The idea stems from the discussion of Tech talk 2014 (e.g., not only provides students with the opportunity to work in the field but allows the college and faculty to gauge industry trends for curriculum revisions as well as new curriculum development.). This course will be an elective course of all three CIS AS degrees and no additional revision is needed for the programs because electives are determined by prefix. The CIS prefix already existing in the elective listing for these degrees.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

C. Emergency Management AS

Revised Program Effective August 2015

CURREN (6437)	NT EMERGENCY MANAGEMENT (CCC	PROPOSED FOR EMERGENCY MANAGEMENT CCC (6437)			
REQUIRED COURSES			REQUIRE			
Course Title		Credits	Course	Title	Credits	
FFP 1822	Introduction to Emergency Management and Homeland Security	3	FFP1822	Introduction to Emergency Management and Homeland Security	3	
FFP 1820	Basic Emergency Planning Concepts	3	FFP1820	Basic Emergency Planning Concepts	3	
FFP 1830	Hazards Analysis and Impacts	3	FFP1830	Hazards Analysis and Impacts	3	
FFP 1882	Emergency Operations Center (EOC) Operations and Design	3	FFP1882	Emergency Operations Center (EOC) Operations and Design	3	
FFP 2842	Defending Communities, Bridging Disaster Preparedness, Recovery, Mitigation	3	FFP2842	Defending Communities, Bridging Disaster Preparedness, Recovery, Mitigation	3	
FFP 2840	Emergency Response and Recovery Operations	3	FFP2840	Emergency Response and Recovery Operations	3	
FFP 1841	Business Contingency Planning	3	FFP1841	Business Contingency Planning	3	
FFP 2880	Emergency Management Public Policy, Relations and Education	3	EVR 2266	Survey of Environmental Mapping/GIS (Existing course new to program)	3	
Total		24	Total		24	

CURRENT EMERGECY MANAGEMENT AS (2438)			PROPOSED EMERGECY MANAGEMENT AS (2438)			
GENERAL EDUCATION REQUIREMENTS			GENERAL 1	Credits		
ENC 1101	College Composition 1	3	ENC 1101	College Composition 1	3	
ENC 1102	College Composition 2	3	ENC 1102	College Composition 2	3	
SPC 1017	Fundamentals of Speech Communication	3	SPC 1017 Fundamentals of Speech Communication		3	
POS 1041	POS 1041 Introduction to American Government		POS 1041	Introduction to American Government	3	
Any course from Science - Area IV		3		Any course from Science - Area IV	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	
Total Requ	Total Required General Education Credits		Total Required General Education Credits		21	
REQUIRED COURSES			REVISED REQUIRED COURSES			
FFP 1822	Introduction to Emergency Management and Homeland Security	3	FFP 1822	Introduction to Emergency Management and Homeland Security	3	
FFP 1830	Hazards Analysis and Impacts	3	FFP 1830	Hazards Analysis and Impacts	3	
FFP 1820 Basic Emergency Planning Concepts		3	FFP 1820 Basic Emergency Planning Concepts		3	

FFP 1841	Business Contingency Planning	3	FFP 1841	Business Contingency Planning	3
FFP 1850	Public Relations and Media Interactions in Emergency Management	3	FFP 1850	Public Relations and Media Interactions in Emergency Management	3
FFP 2800	Public Education and Personnel Development in Emergency Management	3	FFP 2800	Public Education and Personnel Development in Emergency Management	3
FFP 1882	Emergency Operations Center (EOC) Operations and Design	3	SYG 1251	Cross Cultural Communications (Existing course- new to program)	3
FFP 2840	Emergency Response and Recovery Operations	3	EVR 2266	Survey of Environmental Mapping/GIS (Existing-new to program)	3
FFP 2842	Defending Communities, Bridging Disaster Preparedness, Recovery, Mitigation	3	XXX 2xxx	Public Health (NEW – under development)	3
FFP 2880	Emergency Management Public Policy, Relations and Education	3		Total Required Course Credits	27
CJL 1062 Introduction to Constitutional Law		3	Concentration	ons:	
DSC 1590	Intelligence Analysis and Security Management	3	Homeland Security		
DSC 1242	Transportation and Border Security	3	DSC 1242	Transportation and Border Security	3
Total Required Courses Credits 39			DSC 1590	Intelligence Analysis and Security Management	3
Total Program Credits 60 DSC 1002 Terrorism and to program)				3	
			DSC 2xxx	Emergency Management Capstone-New Under development	3
				Total Concentration Credits	12
			Total Hours	60	
			Emergency 1	Management	
			FFP 2842	Defending Communities, Bridging Disaster Preparedness, Recovery, Mitigation	
		FFP 2840	Emergency Response and Recovery Operations	3	
			FFP 1882	Emergency Operations Center (EOC) Operations and Design	3
			DSC 2xxx	Emergency Management Capstone-New Under development	3
				Total Concentration Credits	12
			Total Progra	nm Credits	60

<u>Justification</u>: The changes reflect national offerings in the program. The new courses will meet industry expectations for the students when they enter the job market in this field.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

D. Motion to Dismiss

Discussion: NA

Action:

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

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

Location Attendance

Location	Committee	Presenters	Faculty	Staff	Administrators

BG			
BR			
LW			
PBG			

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

Presenters: Guests:

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