

PALM BEACH STATE COLLEGE CURRICULUM COMMITTEE AGENDA

October 28, 2021

The Curriculum Committee meetings will be held via Microsoft Teams virtual conference. College personnel are asked to contact Christi White by Thursday at noon if they wish to attend but had not yet received an invitation.

Curriculum Development Session immediately following adjournment of curriculum agenda (time permitting).

***Appointed members (serving 2-year terms).**

Curriculum Committee Members		Area, (Years of Service), Campus	List of Presenters:	
	Juliett Tracey – Chair	Business (4), LW		Hector Hernandez/Laura Babooram, BAS Project Mgmt.
	Trineshia Sellars – <i>Past Chair</i>	Chemistry/STEM (5)*, LW		Eva Suarez, Engineering
	Dr. Angela Adame-Smith	Psychology/Social Sciences (3)*, BR		Vicki Shaver, Radiography
	Joseph Brownlee	Mathematics/STEM (2), BR		Eligio Marquez, Diesel and Automotive
	Gilberto Castaneda	Mathematics/STEM (1), BG		Michelle Tiggie-Stephenson, BAS Health Science
	Dr. Carol Clarke	Nursing/Health Sciences (1), LW	List of Guests:	
	Dr. Sabrina Greenwell	Education (1), LW		
	Sherry Hall	Communications (1), BR		
	Scott Hammond	Computer Science/STEM (1), LW		
	Eligio Marquez	Automotive/Trade and Industry (4)*, LW		
	Marcie Pachter	Speech/Communications (1), LW		
	David Rivera	EMS/Public Safety (1), LW		
	Carrie Thompson	Composition/Communications (2), LW	Standing Guests:	
Administrative Members				Julie Sivigny, Academic Services – Curriculum & Accreditation
	Dr. Velmarie Albertini (Non-Voting)	Dean, Curriculum, District		Jen Hudson, Academic Services – Catalog
	Teresa Armas	Financial Aid, District		Iva Graff-Bergeron, Assessment/Gen. Ed. Council
	Kenneth Badaracco	Campus Registrar, PBG		Moises Pena, VA
	Santriel Carries	Office of the Registrar, LW		Jennifer Johnson, Student Learning Centers
	Jyrece McClendon	Associate Dean - Dev. Ed, BR		Susan Bierster, ERP/ Dev. Ed
	Dr. Kathleen Karran-McCoy	Student Services, LW		Dugues Jean-Laurent, Financial Aid
	Christi White (Non-Voting)	Academic Services, Curriculum, District		Roz McFarlane-McCalla, Senior Associate Registrar

*(renewed)

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FA - Possible Financial Aid Action Warranted

Changes are highlighted in **yellow**

WELCOME

- Dr. Albertini – SACSCOC Update

I. APPROVAL OF MINUTES OF SEPTEMBER 23, 2021

Discussion:

Data sources consulted: Minutes

Action:

II. FOR YOUR INFORMATION

A. Housekeeping

1. Change short title in Workday for course RTE 1804 Radiographic Clinical Education 1 from ~~Rad Prac 1~~ to **Rad Clin Ed 1**. Title is correct in catalog, SCNS.
2. Per **9/23/2021 Curriculum Committee Minutes and VPAA Action (7/20/2021)**, the courses below will be deleted from inventory **effective Spring 2022**. This action is a continuation of the Curriculum Action mandated by the FDLE and FLDOE in accordance with 11B.35-01 F.A.C. which revised the training requirements for state-certified, law enforcement officers. The courses were running concurrently for fall but will be terminated effective Spring 2022.

CJK Courses			
	ACTION	Current Course Number	Current Title
a.	DELETE	CJK0422	DART Firing Stun Gun
b.	DELETE	CJK0001	Introduction to Law Enforcement
c.	DELETE	CJK0012	Legal
d.	DELETE	CJK0014	Interview and Report Writing
e.	DELETE	CJK064	Fundamentals of Patrol
f.	DELETE	CJK0078	Crime Scene to Courtroom
g.	DELETE	CJK0084	DUI Traffic Stops
h.	DELETE	CJK0087	Traffic Stops
i.	DELETE	CJK0088	Traffic Crash Investigations
j.	DELETE	CJK0092	Critical Incidents

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3. Five-Year Rule Credit Courses (AA and AS)

Courses that have not been taught for 5 years and will not be offered in the next 5 years must be removed from an institution's catalog and from SCNS, according to section 1007.24(8), F.S.

Associate in Science (AS) Courses

Course #	Course Eff. Term	Last Offered	Course Title	Course offered	AS/ CCC Program	Inactivate Approved by:
CIS2940 A	20153		Computer Technology Internship A (AS)	Course never offered	Not in an AS/ CCC program	INACTIVATE per B. Ferns email 9/22/21
CIS2940 B	20153		Computer Technology Internship B (AS)	Course never offered	Not in an AS/ CCC program	INACTIVATE per B. Ferns email 9/22/21
CIS2940 C	20153		Computer Technology Internship C (AS)	Course never offered	Not in an AS/CCC program	INACTIVATE per B. Ferns email 9/22/21
CTS2930 A	20153		Special Topic - Network Infrastructure Design (AS)	Course never offered	Not in an AS/CCC Program	INACTIVATE per B. Ferns email 9/22/21
EET1142C	20153		Analog Circuits (AS)	Course never offered	Engineering Technology - Electronics Concentration AS: Technical Elective	INACTIVATE per B. Mercer's email 9/24/21
EET2620C	20153		Advanced Surface Mount Soldering Technology (AS)	Course never offered	Engineering Technology - Electronics Concentration AS: Technical Elective	INACTIVATE per B. Mercer's email 9/24/21
ORH2515	20151	20093	Plants of the S. FL Ecosystems - Grasses, Sedges, Bushes, and Grass-like Native Plants	20161 Cancelled	Landscape and Horticulture Specialist CCC: Elective Landscape and Horticultural Professional 2 CCC: Elective Landscape and Horticulture Management AS: Elective	INACTIVATE per B. Mercer's email 9/24/21
ORH2521	20161	20002	Horticultural Taxonomy	20171 Cancelled	Landscape and Horticulture Specialist CCC: Elective Landscape and Horticultural Professional 2 CCC: Elective Landscape and Horticulture Management AS: Elective	INACTIVATE per B. Mercer's email 9/24/21
FIL2910	20151	20023	Independent Project in Motion Picture and Television Production	20152 Cancelled 20161 Cancelled	Motion Picture Production Technology - Production Concentration AS: Elective	INACTIVATE per R. White's email 10/5/21

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Associate in Arts (AA) Courses

Course #	Course Eff. Term	Last Offered	Course Title	Course offered	AS/ CCC Program	AA Career Pathway Map	Inactivate Approved by:
AST1002L	20141	20141	Descriptive Astronomy Lab	20142 Cancelled 20151 Cancelled 20181 Cancelled	Not in an AS/ CCC Program	This is a Tier 1 Natural Science GEN ED course Not part of an AA map	INACTIVATE per R. Vargas' email 9/21/21
LIN2740	20083	20152	Applied Linguistics	20162 Cancelled	Not in an AS/ CCC Program	Not part of an AA map	INACTIVATE per S. Scott-Lubin's email 10/4/21
MTG2206	20151	20152	College Geometry	20173 Cancelled	Not in an AS/ CCC Program	Not part of an AA map	INACTIVATE per D. Hamadeh's email 10/4/21
PEO1031C	20151	20112	Individual Sports	Course Description revision per Dr. Pedersen and K. Gamble Effective Fall 20151	Not in an AS/ CCC Program	Not part of an AA map	INACTIVATE per B. Mouradian's email 10/5/21
PEO2351C	20071	20152	Fundamentals of Racquet Sports	20162 Cancelled	Not in an AS/ CCC Program	Not part of an AA map	INACTIVATE per B. Mouradian's email 10/5/21
PEP2101	20082	20112	Essentials of Fitness	20122 Cancelled	Not in an AS/ CCC Program	If this is course is end-termed then the "Physical Education" map will need to be revised from PEO/PEP choice to PEO choice	INACTIVATE per B. Mouradian's email 10/5/21
SLS1301	19851	20161	Career Development	20171 Cancelled 20181 Cancelled 20182 Cancelled 20192 Cancelled (2 sections)	Not in an AS/ CCC Program	Not part of an AA map	INACTIVATE per D. Jenkins' email 10/4/21
SPN2240	20061	20161	Intermediate Conversational Spanish 1	20171 Cancelled	Not in an AS/ CCC Program	Not part of an AA map	INACTIVATE per R. White's email 10/12/2021

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4. Per the **PBSC Academic Management Manual – Academic Affairs Policies and Procedures**: Section G, Course Special Fee Procedure, each credit and CCP course will be reviewed on a three (3) year schedule or be adjusted as needed and justified. If adjustment is needed, a new form is completed online and submitted for review by the VPAA and DBOT.

Please refer to [Appendix A](#) for 3-year Course Fee Review.

III. OLD BUSINESS – Tabled from 9-23-2021 Agenda

Information Management/Supervision and Management – Project Management

1. Courses – MAN4882 (NEW); MAN4584 (Delete)

Presenter: Hector Hernandez

Assigned Curriculum Reviewers: Committee Review

CC Discipline Representative: Juliett Tracey

Justification: To stay competitive and provide our students with a path to project management certification, the need to enhance our BAS degree programs is essential. Our students have been requesting a path from our Capstone course to certification preparation, this addition satisfies that request. LLRC resources estimated cost: \$900.

Effective: Spring 2022

Cluster Approved: 1/7/2021

Courses- Bachelor's

ACTION	Course #	Course Title	Proposed Changes
a. ADD	MAN4882 <i>(pending SCNS)</i>	Project Management Professional Career Preparation	<p>New 3 credit (48 lecture contact hour) course; Prerequisite ISM4881 with a grade of C or higher; AW Grading Scale; Required course in T705 and T804</p> <p>Course Description: The Project Management Institute (PMI) offers a professional certification for project managers, known as the Project Management Professional (PMP)®. This course helps students to prepare for the certification exam, when students complete the course, they will be able to take the certification and compete for any project management job worldwide. PBSC and PMI aligns its process with certification industry best practices.</p> <p>This is an exam preparation course. Its approaches and learning outcomes are based on the PMBOK Guide thereby preparing students for the PMI certification exam upon course completion. Additionally, this course is designed to prepare students for a career in project management and to compete for any project management job in the marketplace. PBSC and PMI aligns its process with certification industry best practices.</p> <p>CLO 1: Demonstrate an understanding of the impact of various editions of PMBOK® to the current (PMP®) certification exam.</p> <p>CLO 2: Describe the difference between the Standard for Project Management and the</p>

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			<p>PMBOK guide.</p> <p>CLO 3: Determine how Agile and other methodologies are used in a given scenario within the PMI PMP exam.</p> <p>CLO 4: Demonstrate an understanding of the details of Domains (People, Process, Business Environments), and how Predictive, Agile, and Hybrid approaches are found throughout the three domain areas and PMI PMP exam questions.</p> <p>CLO 5: Evaluate and apply practice techniques, study tips, and other tools in preparation for the PMI PMP exam.</p> <p>CLO 6: Demonstrate proficiency in Project Management Professional (PMP) career preparation, planning and development.</p> <p>CLO 7: Demonstrate proficiency in “people” domain one (1) questions “process” domain two (2) questions and “business environment” domain three (3) questions on the PMI PMP exam.</p> <p>CLO 8: Determine how to apply for the certification exam and what PMI is looking for to be accepted to take the exam.</p> <p>Special Requirements: Meet the PMI Minimum qualifications for applying to take the exam</p>
b.	REMOVE FROM PROGRAMS (T705 and T804)	MAN4584 Project Risk Management	Delete from Programs only; Delete from T705 and T804); Keep in PBSC Inventory for C810 CPP program. 3 credit course; last offered Fall 2022.

Further Discussion:

Data sources consulted: Curriculum Support Documents

Action:

2. Revised Program – Information Management – Project Management BAS

Effective: Spring 2022

Presenter: Hector Hernandez

Cluster Approved: 1/7/2021

CIP Code: 1101110051 (11.1055)

Total Credits: 120 **Program Code:** T804

Assigned Curriculum Reviewers: Committee Review

CC Discipline Representative: Juliett Tracey, Sherry Hall

Justification: After students complete their bachelor’s degree and Capstone course, the addition of this course presents a path for the Project Management Institute (PMI) certification which is a globally recognized standards body.

Current Program: Information Management – Project Management (T804)			Proposed Program: Information Management – Project Management (T804)		
Course #	Title	Credits	Course #	Title	Credits

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Courses from A.S./A.A.S. Degree (Credits: 42)		Courses from A.S./A.A.S. Degree (Credits: 42)	
General Education Courses (Credits: 36)		General Education Courses (Credits: 36)	
Upper Division Common Core Courses (Credits: 21)		Upper Division Common Core Courses (Credits: 21)	
BUL3130	Legal and Ethical Environment of Business (BAS) 3 Cr	BUL3130	Legal and Ethical Environment of Business (BAS) 3 Cr
FIN3400	Principles of Financial Management (BAS) 3 Cr	FIN3400	Principles of Financial Management (BAS) 3 Cr
GEB3213	Business Writing (BAS) 3 Cr	GEB3213	Business Writing (BAS) 3 Cr
ISM4011	Management Information Systems (BAS) 3 Cr	ISM4011	Management Information Systems (BAS) 3 Cr
ISM3314	Project Management (BAS) 3 Cr	ISM3314	Project Management (BAS) 3 Cr
ISM4332	Project Schedule and Cost Control (BAS) 3 Cr	ISM4332	Project Schedule and Cost Control (BAS) 3 Cr
MAN4120	Leadership Challenges and Supervision (BAS) 3 Cr	MAN4120	Leadership Challenges and Supervision (BAS) 3 Cr
Concentration Area Required Courses (Credits: 15)		Concentration Area Required Courses (Credits: 15)	
ISM4312	Project and Change Management (BAS) 3 Cr	ISM4312	Project and Change Management (BAS) 3 Cr
MAN4520	Quality Management Control (BAS) 3 Cr	MAN4520	Quality Management Control (BAS) 3 Cr
ISM3334	Product, Service and Process Project Management (BAS) 3 Cr	ISM3334	Product, Service and Process Project Management (BAS) 3 Cr
MAN4584	Project Risk Management (BAS) 3 Cr	MAN4882	Project Management Professional Career Preparation (BAS) 3 Cr
ISM3318	Stakeholder and Communications Management (BAS) 3 Cr	<i>(pending SCNS)</i>	
		ISM3318	Stakeholder and Communications Management (BAS) 3 Cr
Concentration Electives (select 3 credits)		Concentration Electives (select 3 credits)	
MAN4574	Acquisitions Management (BAS) 3 Cr	MAN4574	Acquisitions Management (BAS) 3 Cr
GEB4940C	Bachelors Internship (BAS) 3 Cr	GEB4940C	Bachelors Internship (BAS) 3 Cr
Concentration Capstone Course (Credits: 3)		Concentration Capstone Course (Credits: 3)	
ISM4881	Capstone Experience: Project Management (BAS) 3 Cr	ISM4881	Capstone Experience: Project Management (BAS) 3 Cr
Total Credits: 120		Total Credits: 120	

Data sources consulted: Curriculum Support Documents

Action:

3. Revised Program – Supervision and Management – Project Management BAS

Presenter: Hector Hernandez

CIP Code: 1105202991 (52.0299)

Total Credits: 120 **Program Code:** T705

Assigned Curriculum Reviewers: Committee Review

CC Discipline Representative: Juliett Tracey

Justification: After students complete their bachelor’s degree and Capstone course, the addition of this course presents a path for the Project Management Institute (PMI) certification which is a globally recognized standards body.

Effective: Spring 2022

Cluster Approved: 1/7/2021

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Current Program: Supervision and Management – Project Management BAS (T705)			Proposed Program: Supervision and Management – Project Management BAS (T705)		
Course #	Title	Credits	Course #	Title	Credits
Courses from A.S./A.A.S. Degree (Credits: 42)			Courses from A.S./A.A.S. Degree (Credits: 42)		
General Education Courses (Credits: 36)			General Education Courses (Credits: 36)		
Upper Division Common Core Courses (Credits: 21)			Upper Division Common Core Courses (Credits: 21)		
BUL3130	Legal and Ethical Environment of Business (BAS)	3 Cr	BUL3130	Legal and Ethical Environment of Business (BAS)	3 Credits
FIN3400	Principles of Financial Management (BAS)	3 Cr	FIN3400	Principles of Financial Management (BAS)	3 Credits
GEB3213	Business Writing (BAS)	3 Cr	GEB3213	Business Writing (BAS)	3 Credits
ISM4011	Management Information Systems (BAS)	3 Cr	ISM4011	Management Information Systems (BAS)	3 Credits
ISM3314	Project Management (BAS)	3 Cr	ISM3314	Project Management (BAS)	3 Credits
ISM4332	Project Schedule and Cost Control (BAS)	3 Cr	ISM4332	Project Schedule and Cost Control (BAS)	3 Credits
MAN4120	Leadership Challenges and Supervision (BAS)	3 Cr	MAN4120	Leadership Challenges and Supervision (BAS)	3 Credits
Concentration Area Required Courses (Credits: 15)			Concentration Area Required Courses (Credits: 15)		
ISM4312	Project and Change Management (BAS)	3 Cr	ISM4312	Project and Change Management (BAS)	3 Credits
MAN4520	Quality Management Control (BAS)	3 Cr	MAN4520	Quality Management Control (BAS)	3 Credits
ISM3334	Product, Service and Process Project Management (BAS)	3 Cr	ISM3334	Product, Service and Process Project Management (BAS)	3 Cr
MAN4584	Project Risk Management (BAS)	3 Cr	MAN4882	<i>(pending SCNS) Project Management Professional Career Preparation (BAS)</i>	<i>(3 credits)</i>
ISM3318	Stakeholder and Communications Management (BAS)	3 Cr	ISM3318	Stakeholder and Communications Management (BAS)	3 Credits
Concentration Electives (select 3 credits)			Concentration Electives (select 3 credits)		
MAN4574	Acquisitions Management (BAS)	3 Cr	MAN4574	Acquisitions Management (BAS)	3 Credits
GEB4940C	Bachelors Internship (BAS)	3 Cr	GEB4940C	Bachelors Internship (BAS)	3 Credits
Concentration Capstone Course (Credits: 3)			Concentration Capstone Course (Credits: 3)		
ISM4881	Capstone Experience: Project Management (BAS)	3 Cr	ISM4881	Capstone Experience: Project Management (BAS)	3 Credits
Total Credits: 120			Total Credits: 120		

Data sources consulted: Curriculum Support Documents

Action:

IV. NEW BUSINESS

A. BACHELOR PROGRAMS AND COURSES

Credits

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1. Revised Courses

Effective: Spring 2022

Presenter: Michele Tiggie-Stephenson

Cluster Approved: 2/26/2021

Assigned Curriculum Reviewers: Juliett Tracey, Marcie Pachter

CC Discipline Representative: Juliett Tracey, Carol Clarke

Justification: HSA4421, a deactivated course, will be replacing BUL3130 a core course in the BAS Supervision & Management: Health Management (T702) Program. In the curriculum review findings, it was discovered that some of the core courses have generic content duplicating more relevant content in the concentration courses. The core course BUL3130 Legal and Ethical Environment in Business appears to provide general content of law/ethics that can be duplicated more relevantly towards health care in the course HSA4421 Legal Aspects and Legislation in Healthcare. Course was discontinued 5/2018.

ACTION	Current Course #	Current Title	Proposed Changes
a. REACTIVATE	HSA4421	Legal Aspects and Legislation in Healthcare	<p>No Changes to reactivated course. 3 credits; Prerequisites: FIN3400, GEB3213 both with a grade of C or higher. Course Description: Corporate structure and legal liabilities of health care institutions and professionals is studied from a local, state, and federal regulatory position. LO 1: Describe and discuss tort law, health care laws and legislation. LO 2: Apply legal concepts to reduce healthcare liability. LO 3: Identify state and federal regulations related to legal issues in healthcare. LO 4: Identify specific issues surrounding criminal aspects of health care, Sherman anti-trust regulations, standards of care, and restraint of trade. LO 5: Differentiate between managed care, Medicaid, and Medicare LO 6: Discuss the policy formulation process including the role of government, policy reform, and politics. LO 7: Examine current health care reform legislation and other issues pertinent to supervisors and managers.</p>
b. REMOVE from BAS T702 only	BUL3130	Legal and Ethical Environment in Business	3 credits; Last offered in T702 Summer 2021; Course requested to stay in the following programs: T801, T803, T804, T701, T704, T705

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

2. Revised Program

Effective: Spring 2022

Presenter: Michelle Tiggie-Stephenson

Cluster Approved: 2/26/2021

CIP Code: 1105202991 (Federal CIP: 52.0299)

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Total Credits: 120 **Program Code:** T702

Assigned Curriculum Reviewers: Juliett Tracey, Marcie Pachter

CC Discipline Representative: Juliett Tracey, Carol Clarke

Justification: In the Health Management curriculum review findings, some of the core courses have generic content duplicating more relevant content in the concentration courses. The core course, BUL3130 Legal and Ethical Environment in Business, appears to provide general content of law/ethics that can be duplicated more relevantly towards health care in the course HSA4421 Legal Aspects and Legislation in Healthcare.

Needs Assessment: Replace BUL3130 Legal and Ethical Environment in Business with HSA4421 Legal Aspects and Legislation in Healthcare (currently in sunset). Replacing BUL3130 with HSA4421 for the health management program will help to meet the curriculum criteria when applying for accreditation (see below the criteria).

AUPHA criteria: Healthcare Law – Overviews law in general and healthcare issues specifically. Explores aspects of employer-employee relations in the healthcare setting and legal ramification of patient treatment and medical records. Investigates the legal environment in healthcare delivery and discusses the importance of being completely familiar with this environment.

Current Program: Supervision & Management-Health Management-T702			Proposed Program: Supervision & Management-Health Management-T702		
Course #	Title	Credits	Course #	Title	Credits
Upper Division Common Core Courses (Credits: 21)			Upper Division Common Core Courses (Credits: 21)		
BUL3130	Legal and Ethical Environment of Business (BAS)	3	HSA4421	Legal Aspects of Health Care	3
FIN3400	Principles of Financial Management (BAS)	3	FIN3400	Principles of Financial Management (BAS)	3
GEB3213	Business Writing (BAS)	3	GEB3213	Business Writing (BAS)	3
ISM4011	Management Information Systems (BAS)	3	ISM4011	Management Information Systems (BAS)	3
MAN3240	Organizational Theory and Management (BAS)	3	MAN3240	Organizational Theory and Management (BAS)	3
MAN3301	Human Resources Management (BAS)	3	MAN3301	Human Resources Management (BAS)	3
MAN4120	Leadership Challenges and Supervision (BAS)	3	MAN4120	Leadership Challenges and Supervision (BAS)	3
Concentration Area Required Courses (: 15)			Concentration Area Required Courses (Credits: 15)		
HSA3110	Health Care Organization and Management (BAS)	3	HSA3110	Health Care Organization and Management (BAS)	3
HSA4109	Principles of Managed Care (BAS)	3	HSA4109	Principles of Managed Care (BAS)	3
HSA3160	Health Care Marketing (BAS)	3	HSA3160	Health Care Marketing (BAS)	3
HSA4553	Ethics in Health Care (BAS)	3	HSA4553	Ethics in Health Care (BAS)	3
HSA4431	Health Care Operational Decision Making (BAS)	3	HSA4431	Health Care Operational Decision Making (BAS)	3
Elective Courses- Choose one (Credits: 3)			Elective Courses- Choose one (Credits: 3)		
GEB4940C	Bachelor's Internship (BAS)	3 (1 lec/14 lab)	GEB4940C	Bachelor's Internship (BAS)	3 (1 lec/14 lab)
HSC4500	Epidemiology (BAS)	3	HSC4500	Epidemiology (BAS)	3
Concentration Capstone Course (Credits: 3)			Concentration Capstone Course (Credits: 3)		

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HSA4938	Capstone Experience: Health Management (BAS)	3		HSA4938	Capstone Experience: Health Management (BAS)	3	
Total Credit Hours: 120				Total Credit Hours: 120			

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

B. ASSOCIATE IN SCIENCE (A.S.) Part 1

ENGINEERING TECHNOLOGY

1. Revised Courses

Presenter: Eva Suarez

Assigned Curriculum Reviewers: David Rivera, Eligio Marquez

CC Representative: Joseph Brownlee

Effective: Spring 2022

Cluster Approved: 8/18/2021, 10/30/21

Justification: Increasing the credits for ETD2218C will align the course with the required 9 credits for technical electives. The additional material will include an introduction to AutoCAD and Tech drawings which is highly regarded by our business partners.

	Current Course #	Current Title	Proposed Changes
a.	ETD2218C	Geometric Dimensioning and Tolerancing	Increase credit in technical elective course from 2 credits (Lecture 1/Lab1) to 3 credits (Lecture 2/Lab 1) . Course is in program code 2550C only.
b.	ETS2530C	Process Control Technology	Change prerequisite from: EET1215C with a grade of C or higher to EET1215C OR EET1084C with a grade of C or higher . Course is in 2270, 6553, 6555, and 2550D.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

ENGINEERING TECHNOLOGY

2. Revised Program - Engineering Technology – Alternative Energy Systems A.S.

Presenter: Eva Suarez

CIP Code: 1615000001 (15.0000)

Effective: Spring 2022

Cluster Approved: 8/18/2021, 10/30/21

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Total Credits: 60 **Program Code:** 2550A

Assigned Curriculum Reviewers: David Rivera, Eligio Marquez

CC Representative: Joseph Brownlee

Justification: Move **EVR2266** (3 crs.) Survey of Environment Mapping/GIS/Remote Sensing to a **Required Course** (has no pre/corequisites) and move **ETP1550** (3 crs.) Alternative Fuels and Electric Vehicles Technology to the **Technical Electives**. The students will have a broader knowledge of engineering and increase their marketability for local industry.

Current Program: Engineering Technology – Alternative Energy Systems AS (2550A)			Proposed Program: Engineering Technology – Alternative Energy Systems AS (2550A)		
Course	Title	Credits	Course	Title	Credits
General Education Requirements- 18 credit hours			General Education Requirements- 18 credit hours		
	ENC1101 College Composition 1, 3 credit hours			ENC1101 College Composition 1, 3 credit hours	
	MAC1105 College Algebra, 3 credit hours			MAC1105 College Algebra, 3 credit hours	
	SPC1017 Fundamentals of Speech Communication, 3 credit hours			SPC1017 Fundamentals of Speech Communication, 3 credit hours	
	PSY2012 General Psychology, 3 credit hours			PSY2012 General Psychology, 3 credit hours	
	PHY1001 Applied Physics, 3 credit hours			PHY1001 Applied Physics, 3 credit hours	
	Any course from Humanities Area II, 3 credit hours			Any course from Humanities Area II, 3 credit hours	
Required Core Courses – 35 credits			Required Core Courses – 35 credits		
	ETI1701 Environmental Health and Safety, 3 cr.			ETI1701 Environmental Health and Safety, 3 cr.	
	ETM1010C Mechanical Measurements and Instruments, 3cr.			ETM1010C Mechanical Measurements and Instruments, 3cr.	
	ETI2110 Introduction to Quality Assurance, 3 cr.			ETI2110 Introduction to Quality Assurance, 3 cr.	
	ETIS2352C Materials and Manufacturing Processes, 3 cr.			ETIS2352C Materials and Manufacturing Processes, 3 cr.	
	ETD2320C Introduction to AutoCAD, 3 cr.			ETD2320C Introduction to AutoCAD, 3 cr.	
	EET1084C Electrical Circuits and Electronics, 3 cr.			EET1084C Electrical Circuits and Electronics, 3 cr.	
	ETO1322 Electrical Power System, 3 cr.			ETO1322 Electrical Power System, 3 cr.	
	ETP1400C Distributed Electric Power Generation and Storage, 3 cr.			ETP1400C Distributed Electric Power Generation and Storage, 3 cr.	
	ETP1402C Introduction to Solar Energy, 3 cr.			ETP1402C Introduction to Solar Energy, 3 cr.	
	ETP1511C Introduction to Bio Fuels, 3 cr.			ETP1511C Introduction to Bio Fuels, 3 cr.	
	ETP1530C Introduction to Wind Energy, 3 cr.			ETP1530C Introduction to Wind Energy, 3 cr.	
	ETP1550 Alternative Fuels and Electric Vehicle Technologies, 3 cr.			EVR2266 Survey of Environmental Mapping/GIS/Remote Sensing, 3 cr.	
Electives – Technical Electives - Choose 7 credits			Electives – Technical Electives - Choose 7 credits		
	ETP2410C Photovoltaic Technology, 2 cr.			ETP2410C Photovoltaic Technology, 2 cr.	
	ETS1810C Energy Efficient Buildings, 3 cr.			ETS1810C Energy Efficient Buildings, 3 cr.	
	ETP1510C Biofuels and Biomass, 3 cr.			ETP1510C Biofuels and Biomass, 3 cr.	
	ETD2950C Special Topics in Engineering Technology, 4 cr.			ETD2950C Special Topics in Engineering Technology, 4 cr.	

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ETD2941 Engineering Technology Internship, 3 cr. EVR2266 Survey of Environmental Mapping/GIS/Remote Sensing, 3 cr.	ETD2941 Engineering Technology Internship, 3 cr. ETP1550 Alternative Fuels and Electric Vehicle Technologies, 3 cr.
Total: 60 credit hours	Total: 60 credit hours

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

B. ASSOCIATE IN SCIENCE (A.S.) Part 2

RADIOGRAPHY

2.1. Revised Courses

Presenter: Vicki Shaver

Assigned Curriculum Reviewers: Carrie Thompson, Carol Clarke, Sherry Hall

CC Representative: Carol Clarke

Justification: Changes to RTE1814 and RTE2844 are to align the clinical course ratio and accommodate the summer term.

Effective: Summer 2022

Cluster Approved: 10/21/2021

Enrollment Limited: 2303

2.1.	Course	Current Title	Proposed Changes
a.	RTE2844	Radiography Clinical Education 5	Change Credit breakdown from Lab: 288 to Lab: 256 (Load Points 48)
b.	RTE1814	Radiography Clinical Education 2	Change Credit breakdown from Lab: 288 to Lab: 256 (Load Points 48)

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

RADIOGRAPHY

2.2. Revised Program – Radiography A.S.

Presenter: Vicki Shaver

CIP Code: 1351091100 (Federal CIP: 51.0911)

Total Credits: 77 **Program Code:** 2303

Assigned Curriculum Reviewers: Carrie Thompson, Carol Clarke, Sherry Hall

Effective: Summer 2022

Cluster Approved: 10/21/2021

Business Partnership Council Approved: 10/28/2021

Access: Limited (2303)

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CC Discipline Representative: Carol Clarke

Justification: The change in general education from CGS to MCB is to improve instruction in infection control for RT students. The Humanities elective change is mandated by the State of Florida DOE. Cohort starts in January each year.

Current Program: Radiography AS (2303)			Proposed Program: Radiography AS (2303)		
Course	Title	Credits	Course	Title	Credits
Term One Fall Year One – 4 Credits (Program Prerequisites)			Term One Fall Year One – 4 Credits (Program Prerequisites)		
BSC 2085	Anatomy & Physiology 1	3	BSC 2085	Anatomy & Physiology 1	3
BSC 2085L	Anatomy & Physiology 1 Lab	1	BSC 2085L	Anatomy & Physiology 1 Lab	1
Term Two Spring Year One – 14 Credits			Term Two Spring Year One – 14 Credits		
RTE 1000	Intro. to Radiography	3	RTE 1000	Introduction to Radiography	3
RTE 1503	Rad. Procedures I	3	RTE 1503	Radiographic Procedures 1	3
RTE 1503L	Rad. Procedures I Lab	1	RTE 1503L	Radiographic Procedures 1 Lab	1
RTE 1804	Rad. Clinical Education I	3	RTE 1804	Radiographic Clinical Education 1	3
BSC 2086	Anatomy & Physiology II	3	BSC 2086	Anatomy & Physiology 2	3
BSC 2086L	Anatomy & Physiology II Lab	1	BSC 2086L	Anatomy & Physiology 2 Lab	1
Term Three Summer Year One – 8 Credits			Term Three Summer Year One – 8 Credits		
RTE 1814	Radiographic Clinical Education 2	2	RTE 1814	Radiographic Clinical Education 2	2
RTE 1513	Rad. Procedures II	2	RTE 1513	Radiographic Procedures 2	2
RTE 1513L	Rad. Procedures II Lab	1	RTE 1513L	Radiographic Procedures 2 Lab	1
RTE 1401	Radiographic Imaging I	2	RTE 1401	Radiographic Imaging 1	2
RTE 1401L	Radiographic Imaging I Lab	1	RTE 1401L	Radiographic Imaging 1 Lab	1
Term One Fall Year Two – 13 Credits			Term One Fall Year Two – 13 Credits		
RTE 1457	Radiographic Imaging II	2	RTE 1457	Radiographic Imaging 2	2
RTE 1457L	Radiographic Imaging II Lab	1	RTE 1457L	Radiographic Imaging 2 Lab	1
RTE 1523	Rad. Procedures III	3	RTE 1523	Radiographic Procedures 3	3
RTE 1523L	Rad. Procedures III Lab	1	RTE 1523L	Radiographic Procedures 3 Lab	1
RTE 1824	Clinical Ed. III	3	RTE 1824	Radiographic Clinical Education 3	3
MAC 1105	College Algebra (or higher)	3	MAC 1105	College Algebra (or higher)	3
Term Two Spring Year Two – 16 Credits			Term Two Spring Year Two – 16 Credits		
RTE 2613	Rad. Physics	3	RTE 2613	Radiologic Physics	3
RTE 2533	Rad. Procedures IV	3	RTE 2533	Radiographic Procedures 4	3
RTE 2533L	Rad. Procedures IV Lab	1	RTE 2533L	Radiographic Procedures 4 Lab	1
RTE 2834	Rad. Clinical Ed. IV	3	RTE 2834	Radiographic Clinical Education 4	3
ENC 1101	College Composition	3	ENC 1101	College Composition	3
CGS 1100	Microcomputer Applications	3	MCB 2010	Microbiology	3
Term Three Summer Year Two – 8 Credits			Term Three Summer Year Two – 8 Credits		
RTE 2563	Adv. Medical Imaging	3	RTE 2563	Advanced Medical Imaging	3
RTE 2395	Radiobiology	3	RTE 2395	Radiobiology	3
RTE 2844	Rad. Clinical Ed. V	2	RTE 2844	Radiography Clinical Education 5	2
Term One Fall Year Three – 14 Credits			Term One Fall Year Three – 14 Credits		
RTE 2130	Pharmacology for M.I.	3	RTE 2130	Pharmacology for Medical Imaging	3
RTE 2473L	Rad. Seminar	2	RTE 2473L	Radiography Seminar	2
RTE 2854	Rad. Clinical Ed. VI	3	RTE 2854	Radiography Clinical Education 6	3
PSY 2012	Psychology	3	PSY 2012	Introduction to Psychology	3
HUM Elective		3	Humanities Tier 1 Elective		3

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Total Credits:77	Total Credits:77
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Discussion:

Data sources consulted: Curriculum Support Documents

Action:

C. COLLEGE CREDIT CERTIFICATES (CCC)

ENGINEERING TECHNOLOGY

FA

1. Revised Program – (Engineering Technology) Lean Manufacturing CCC

Effective: Spring 2022

Presenter: Eva Suarez

Cluster Approved: 8/18/2021, 10/30/21

CIP Code: 0615061302 (Federal CIP: 15.0613)

Total Credits: 12 **Program Code:** 6554

Assigned Curriculum Reviewers: David Rivera, Eligio Marquez

CC Discipline Representative: Joseph Brownlee

Justification: Adding ETD2320C Introduction to AutoCAD as an elective course toward the Lean Manufacturing CCC (code 6554) to allow students to follow the blueprints which is essential in the manufacturing field. Adding ETI1701 Environmental, Health and Safety (OSHA) as an elective course toward Lean Manufacturing CCC (code 6554) to support a requirement by the manufacturing industry since the OSHA certification is essential for employment. Neither course has prerequisite requirements.

Current Program: Engineering Technology – Lean Manufacturing CCC (6554)			Proposed Program: Engineering Technology – Lean Manufacturing CCC (6554)		
Course	Title	Credits	Course	Title	Credits
Core courses: 9 credits			Core courses: 9 credits		
	ETI2110 Introduction to Quality Assurance, 3 cr.			ETI2110 Introduction to Quality Assurance, 3 cr.	
	ETS2352C Materials and Manufacturing Processes, 3 cr.			ETS2352C Materials and Manufacturing Processes, 3 cr.	
	ETI2622C Concepts of Lean Manufacturing & Six Sigma, 3 cr.			ETI2622C Concepts of Lean Manufacturing & Six Sigma, 3 cr.	
Elective Courses- Technical Electives - Choose 3 credits			Elective Courses- Technical Electives - Choose 3 credits		
	ETD2941 Engineering Technology Internship, 3 cr.			ETD2941 Engineering Technology Internship, 3 cr.	
	ETG2140C Statistics for Engineering, 3 cr.			ETG2140C Statistics for Engineering, 3 cr.	
	ETI2647C Advanced Manufacturing Supply Chain, 3 cr.			ETI2647C Advanced Manufacturing Supply Chain, 3 cr.	
				ETD2320C Introduction to AutoCAD, 3 cr.	
				ETI1701 Environmental, Health, and Safety, 3 cr.	
Total: 12 credits			Total: 12 credits		

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Discussion:

Data sources consulted: Curriculum Support Documents

Action:

D. CAREER CERTIFICATION PROGRAM (CCP)

Clock Hours

Trade and Industry

1. New Courses - Diesel

Presenter: Eligio Marquez

Assigned Curriculum Reviewers: Scott Hammond, Trineshia Sellars, Sabrina Greenwell

CC Representative: Eligio Marquez

Justification: Nine new courses in the revision of the Diesel programs. Added AER0033C as a new content and course. The other new courses have had content rearranged and shuffled from the current/previous 150-clock hour courses into the new courses.

Effective: Spring 2022

Cluster Approved: 10/28/2020

Business Partnership Council Approved: 5/13/2020

New Courses - Diesel

	Course #	Title	Course Information
a.	AER0033C	Employability Skills (CCP)	60 clock hours; AN Grading Method; Limit to Access Codes: 5468, 5452, 5463, 5451; Corequisite: DIM0101C with a grade of C or higher ; Offered F2F @ LW and BG Course Fee: \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance ILO: Communication, Critical Thinking, STEM CLO 1: Demonstrate effective communication skills for a variety of audiences. CLO 2: Demonstrate an understanding of mathematical concepts to solve real-world problems. CLO 3: Demonstrate workplace employability skills related to personal standards and work habits/ethics.
b.	DIM0102C	Diesel Electrical and Electronics Technician (CCP)	90 clock hours; AN Grading Method; Limit to Access Codes: 5468; Prerequisite: DIM0101C with a grade of C or higher ; Offered F2F @ LW and BG Course Fee: \$55.00 (#6 Technical/mechanical course) ILO: Communication, Critical Thinking, STEM CLO 1: Diagnose general electrical system and battery issues. CLO 2: Repair starting, charging, and lighting systems, gauges, and warning devices.
c.	DIM0103C	Diesel Preventative Maintenance Technician (CCP)	60 clock hours; AN Grading Method; Limit to Access Codes: 5468; Offered F2F @ LW and BG Course Fee: \$55.00 (#6 Technical/mechanical course) ILO: Communication, Critical Thinking, STEM

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		<p>CLO 1: Inspect engine and drive train systems and record findings. CLO 2: Perform routine maintenance on a variety of truck systems.</p>
d.	DIM0106C Diesel Heating, Ventilation and Air Conditioning Technician (CCP)	<p>90 clock hours; AN Grading Method; Limit to Access Codes: 5468; 5452; Offered F2F @ LW and BG Course Fee: \$55.00 (#6 Technical/mechanical course) ILO: Communication, Critical Thinking, STEM CLO 1: Diagnose concerns related to HVAC systems. CLO 2: Performs the required service/repair of heating and air conditioning, refrigeration, compressors, compressor clutches, evaporators, receiver driers, accumulators, condensers, heating and engine cooling, and related systems. CLO 3: Employ EPA mandated refrigerant recovery, recycling and handling practices.</p>
e.	DIM0107C Diesel Steering and Suspension (CCP)	<p>90 clock hours; AN Grading Method; Limit to Access Codes: 5468; Prerequisite: DIM0111L with a grade of C or higher; Offered F2F @ LW and BG Course Fee: \$55.00 (#6 Technical/mechanical course) ILO: Communication, Critical Thinking, STEM CLO 1: Diagnose truck suspension, steering, and wheel and tire issues. CLO 2: Repair steering system components, suspension systems, tires, frames, and coupling systems. CLO 3: Perform wheel alignments and adjustments.</p>
f.	DIM0108C Diesel Drive Train Systems (CCP)	<p>90 clock hours; AN Grading Method; Limit to Access Codes: 5468; Prerequisite: DIM0111L with a grade of C or higher; Offered F2F @ LW and BG Course Fee: \$55.00 (#6 Technical/mechanical course) ILO: Communication, Critical Thinking, STEM CLO 1: Diagnose truck transmission issues. CLO 2: Repair transmission, driveshafts, universal joints, and drive axles.</p>
g.	DIM0109C Diesel Hydraulics Technician (CCP)	<p>60 clock hours; AN Grading Method; Limit to Access Codes: 5468; Offered F2F @ LW and BG Course Fee: \$55.00 (#6 Technical/mechanical course) ILO: Communication, Critical Thinking, STEM CLO 1: Diagnose hydraulic system failures. CLO 2: Repair hydraulic systems and components including pump filtration/reservoirs, hoses, fittings, connections, control valves, and actuators. CLO 3: All ASE tasks are based on the ASE Tasks list.</p>
h.	DIM0110C Diesel Power Train Systems (CCP)	<p>100 clock hours; AN Grading Method; Limit to Access Codes: 5468; Prerequisite: DIM0111L with a grade of C or higher; Offered F2F @ LW and BG Course Fee: \$55.00 (#6 Technical/mechanical course) ILO: Communication, Critical Thinking, STEM CLO 1: Perform diagnosis and repairs on track servo systems, servo transmissions, transfer cases and final drives. CLO 2: Perform ASE tasks as required.</p>

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i.	DIM0111L Truck Technician Lab 1	90 clock hours; AN Grading Method; Limit to Access Codes: 5468; Prerequisite: DIM0102C with a grade of C or higher; Offered F2F @ LW and BG Course Fee: \$55.00 (#6 Technical/mechanical course) ILO: Communication, Critical Thinking, STEM CLO 1: Prepare vehicles for routine maintenance, pre/post inspection and customer services. CLO 2: Diagnose electrical system and battery issues as per the ASE task list. CLO 3: Diagnose diesel engine issues as per the ASE task list. CLO 4: Perform the prescribed ASE tasks for the repair of lubrication and cooling systems, air induction, and exhaust systems.
j.	DIM0802L Diesel Work-Based Learning Practice	

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

2. Revised Courses - Diesel

Presenter: Eligio Marquez

Assigned Curriculum Reviewers: Scott Hammond, Trineshia Sellars, Sabrina Greenwell

CC Representative: Eligio Marquez

Justification: Six revised courses, changes in clock hours, pre/corequisites, course titles and numbers, course fees.

Effective: Spring 2022

Cluster Approved: 10/28/2020

Business Partnership Council Approved: 5/13/2020

Revised Courses - Diesel

	Current Course #	Current Title	Proposed Course #	Proposed Course Title	Proposed Changes
a.	DIM0101	Diesel Engine Mechanic/Technician Helper (CCP)	DIM0101C	Diesel Engine Mechanic/Technician Helper (CCP)	Add "C" Suffix; Change Clock hours from 150 clock hours to 90 clock hours; Change Course Description; AN Grading Method; Change Corequisites to: AER0033 and VPI0100-0300; Limit to Access Codes: 5468, 5452; Course is currently in: 5452. Course Fee Reduction: from \$75.00 to \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance – Maintain this fee per 2021-2022 PBSC Fee Schedule.

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b.	<p>DIM0007</p> <p>Heavy Truck Brake Systems 1 (CCP)</p>	<p>DIM0105C</p>	<p>Diesel Brake Systems (CCP)</p>	<p>Change Course Number, Course Title; Change Clock hours from 150 clock hours to 90 clock hours; Change Course Description; AN Grading Method; Add Prerequisite: DIM0111L with a grade of C or higher. Add corequisite: VPI 0100-0300; Limit to Access Codes: 5468; 5452; Course is currently in: 5468, 5457A (5457A last cohort Spring 2022 – Course for Spring is DIM0106)</p> <p>CLO Revisions:</p> <p>CLO 1: Diagnose hydraulic brake issues</p> <p>CLO 2: Repair hydraulic brake systems including power assist units, ABS and ATC systems.</p> <p>CLO 3: Identify air brake and wheel bearing issues.</p> <p>CLO 4: Repair air brakes, parking brakes and wheel bearings.</p> <p>Course Fee Reduction: from \$60.00 to \$55.00 (#6 Technical/mechanical course)</p> <p>Medical Accident Insurance – Maintain this fee per 2021-2022 PBSC Fee Schedule.</p>
c.	<p>DIM0014</p> <p>Diesel Engine Systems 1 (CCP)</p>	<p>DIM0104</p>	<p>Diesel Engine Technician (CCP)</p>	<p>Change Course Number, Course Title; Change Clock hours from 150 clock hours to 100 clock hours; Change Course Description; AN Grading Method; Add Prerequisite: DIM0102 with a grade of C or higher. Add Corequisite: VPI0100-0300; Limit to Access Codes: 5468; Course is currently in: 5468; 5457A (5457A last cohort Spring 2022 – Course for Spring is DIM0106)</p> <p>CLO Revisions:</p> <p>CLO 1: Diagnose engine issues.</p> <p>CLO 2: Repair engine components as required by diagnosis.</p> <p>Course Fee Reduction: from \$60.00 to \$55.00 (#6 Technical/mechanical course)</p> <p>Medical Accident Insurance – Maintain this fee per 2021-2022 PBSC Fee Schedule.</p>

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d.	DIM0303	Electrical and Electronic Systems-2 (CCP)	DIM0302C	Diesel Engine Performance (CCP)	Change Course Number, Course Title; Change Clock hours from 150 clock hours to 90 clock hours; Change Course Description; AN Grading Method; Add Prerequisite: DIM0104 with a grade of C or higher. Add Corequisite: VPI0100-0300; Limit to Access Codes: 5468; Course is currently in: 5468; 5457A (5457A last cohort Spring 2022 – Course for Spring is DIM0106) CLO Revisions: CLO 1: Diagnose codes and misfires using a scan tool. CLO 2: Repair electrical/ electronic systems as required by diagnosis. Course Fee Reduction: from \$60.00 to \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance – Maintain this fee per 2021-2022 PBSC Fee Schedule.
e.	DIM0154	Diesel Maintenance Service Technician-1	DIM0154C	Diesel Engine Electronics (CCP)	Add "C" Suffix; Change course title; Change Clock hours from 150 clock hours to 60 clock hours; Change Course Description; AN Grading Method; Add Corequisite: VPI0100-0300; Limit to Access Codes: 5452. Course is currently in: 5452. CLO Revisions: CLO 1: Diagnose codes and misfires using a scan tool. CLO 2: Repair electrical/electronic systems as required by diagnosis. CLO 3: Diagnose and repair multiplex systems. Course Fee Reduction: from \$65.00 to \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance – Maintain this fee per 2021-2022 PBSC Fee Schedule.
f.	DIM0155	Diesel Maintenance Service Technician-2	DIM0155	Diesel Maintenance Service Technician (CCP)	Change course title; Change Clock hours from 150 clock hours to 60 clock hours; Change Course Description; AN Grading Method; Remove prerequisite of DIM0154 with a grade of C or higher. Add Corequisite: VPI0100-0300; Limit to Access Codes: 5452. Course is currently in: 5452. New Course Fee: \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance – Maintain this fee per 2021-2022 PBSC Fee Schedule.

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

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3. Revised Program- Diesel Systems Technician 1 CCP (title was: Basic Diesel Service Technology CCP)

FA

Presenter: Eligio Marquez

Effective: Spring 2022

CIP Code: 0647061305 (Federal: 47.0613)

Cluster Approved: 10/28/2020

Total Clock Hours: 1050 Program Code: 5468

Business Partnership Council Approved: 5/13/2020

Program Length: 41 weeks/day; 58 weeks/night

Access: Controlled Access program

Assigned Curriculum Reviewers: Scott Hammond, Trineshia Sellars, Sabrina Greenwell

CC Representative: Eligio Marquez

- **Justification:** The BDST-5468 has not been offered since *December 2019*. BDST is a 1,050 clock-hour program that we are using to make the changes of what our ASE Education Foundation Advisory Committee and Business Partners are asking from us. **The whole purpose of our CCP programs is to be able to serve our community business partners.** This is a program revision to restart the 5468-program while at the same time meeting the community industry needs and offering the program at the BG campus in a shorter time and meeting their community needs.
- The Basic Diesel Service Technology (5468) program name will change to Diesel Systems Technician 1 (DST1) and will remain at 1,050 clock-hours that are approved for SACSCOC and FLDOE which does not require any action. There are clock-hour changes in the existing classes with name changes and additional classes added to cover all the material needed to maintain the ASE standards.
- Name change from Basic Diesel Service Technology (BDST) to Diesel Systems Technician 1 (DST1). By doing this we are changing to the name to match the FLDOE Frameworks which serves for a better for understanding what the program is about.
- Our business partners have been requesting that we have a program that can be shorter in time/length to completion to meet their needs. Based on this need, I researched with ASE and confirmed the clock-hours per program necessary to maintain the accreditation and comply with the mandatory tasks that students need to complete prior to graduation. I presented this research to our ASE-EF advisory committee (which for diesel are 940 clock-hours) to keep the ASE standards. The advisory committee agreed for me to give a presentation on how the program would be revised, including all the areas that needed to be covered. This was presented to the advisory committee in May of 2020 and was approved by the advisory committee.
- The only reason why the DST1-5468 program is being requested for the **Spring start** is so that BG has a better and shorter program to be offered and could be offered as Dual-Enrollment there.
- In my research I discovered that the *Heavy Equipment* (5456) program offered in Belle Glade (BG), has only one difference compared with the DST1-5468 program (one (1) class.) This was not taken into consideration, I assume, when this program was brought to the college. I made the changes in the DST1-5468 for it to be able to be offered out in BG with only 1 class change. That is why the **“or”** class is embedded in the DST1-5468. This would maintain the compliance of the 1,050 clock-hour program and at the same time satisfy both community business partners. There are conversations on changing the *Heavy Equipment*-5456 program course sequence, in which I have participated, but this is not my program to be able to manage any decisions. I am just the SME giving my advice and opinions.
- The *Diesel Service Technology* (5457A) program is not being discussed for transition because there is no transition yet. The 5457A last class offered will run in January 2022 and then the program will not be offered in February, so that the course changes will not conflict. *This revision must be approved before 5457A can be submitted for deletion.*

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Program Transition: The Transportation Service Technology faculty unanimously agreed to this change. The ASE Advisory Committee also unanimously agreed to the change in the meeting held on May 13, 2020. The diesel programs offered by PBSC now are 19 months / 1,800 clock-hours / 68 weeks long. The ASE requirement for this program is 740 clock hours without the Introduction class. Making the above changes to the program will result in an 11 month / 1,050 clock-hours / 41 week long program - reducing the program by 8 months / 750 clock hours / 27 weeks shorter and the students would acquire the same education.

Courses last offered: Program 5468 has not been offered since December 2019.

Institutional Learning Outcomes: Communication, Critical Thinking, and STEM

Delivery: F2F, Lake Worth, Belle Glade

Program Description: This program is designed to will prepare students the graduate for employment in a variety of occupations the field as an entry-level technician for bus, truck, and careers found diesel engines, mobile heavy equipment, construction equipment, and industrial trucks. Hands-on training in the diesel lab in combination with theory in the classroom will give the student a full understanding of workplace practice, safety, and heavy truck industry organization. A combination of technical theory and practical hands-on instruction The participant will provide students be trained with the knowledge ASE Education Foundation Entry Level standards and skills required for entry level employment in this high wage field. Coursework for testing leading to 5 student Certifications. Additionally, the Basic Diesel Service Technology program prepares students for the Medium/Heavy Truck Technician professional level ASE (National Automotive Service Excellence) certification exams in Diesel Engines (T2), Brake Systems (T4) T2 through T8 and Electrical and Electronic Systems (T6) E1 through E3. For more information, please refer to the This is an ASE's website: Education Foundation Accredited Training Program. www.ase.com.aseeducationfoundation.org.

Program coursework content also covers:

Shop organization

Environmental and safety practices

Proper use of tools and equipment

Applied math and science

Employability skills

Maintenance operations and shop facilities

Entrepreneurship

Coursework for this program covers instruction in the proper and safe use of heavy diesel service tools and diagnostic equipment. The curriculum is designed to give students a combination of classroom and lab related-related activities. (hyphenated the word "lab-related")

The Diesel Technology Program is accredited by the National Automotive Education Foundation (NATEF): www.NATEF.org.

Admission Requirements:

No high school diploma or GED is required. (To be eligible to receive federal student aid, you must: Have a high school diploma or a General Education Development (GED) certificate, or have completed homeschooling)

Complete an Application for Admission, located at www.palmbeachstate.edu/admissions/Admissions-Applications

Take the TABE exam, if not exempt from TABE testing. To determine if you are exempt, please go to

www.palmbeachstate.edu/academicervices/Curriculum-and-Programs

Attend an The student must attend a mandatory information session or and meet with the program advisor Industry, Manufacturing, and Transportation Department (formerly T & I) Student Advisor and Director.

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Diesel Systems Technician 1 CCP (5468) (1050 hours)					
Current Program: Basic Diesel Service Technology CCP (5468)			Proposed Program: Diesel Systems Technician 1 CCP (5468)		
Course #	Title	Clock Hours	Course #	Title	Clock Hours
Term One - Fall (Year One) (Clock Hours: 300)			Term One - Fall (Year One) (Clock Hours: 430)		
DIM0004 Introduction to Diesel Technology CCP (150) DIM0302 Electrical and Electronic Systems 1 (CCP) (150)			AER0033 Employability Skills [New] 60hrs DIM0101C Diesel Engine/Technician Helper [Revised] 90hrs DIM0102C Diesel Electrical and Electronics Technician [New] 90hrs DIM0104 Diesel Engine Technician [Revised] 100hrs DIM0302C Diesel Engine Performance [Revised] 90hrs		
Term Two - Spring (Year One) (Clock Hours: 300)			Term Two - Spring (Year One) (Clock Hours: 440)		
DIM0014 Diesel Engine Systems 1 (CCP) (150) DIM0303 Electrical and Electronic Systems 2 (CCP) (150)			DIM0111L Diesel Technician Lab 1 [New] 100hrs DIM0105C Diesel Brakes Systems [Revised] 90hrs DIM0107C Diesel Steering and Suspension Technician [New] 90hrs DIM0108C Diesel Drivetrain Technician [New] OR DIM0110C Diesel Powertrain Technician [New] 100hrs DIM0106C Diesel Heating and Air Conditioning Technician [New] 60hrs		
Term Three - Summer (Year One) (Clock Hours: 150)			Term Three - Summer (Year One) (Clock Hours: 180)		
DIM0006 Diesel Engine Systems 2 (CCP) (150)			DIM0103C Diesel Preventive Maintenance Technician [New] 90hrs DIM0109C Diesel Hydraulics Technician [New] 60hrs DIM0802L Work-Based Learning Practice [New] 30hrs		
Term Four – Fall (Year Two) (Clock Hours: 300)					
DIM0007 Heavy Truck Brake Systems 1 (CCP) (150) DIM0008 Heavy Truck Brake Systems 2 (CCP) (150)					
Total Clock Hours: 1050			Total Clock Hours: 1050		

OCP Table - Diesel Systems Technician 1 CCP (5468) (1050 hours)			
OCP Points	Course	Title	Clock Hours
A – Diesel Engine Mechanic/Technician Helper	AER0033	Workplace Skills	60
	DIM0101	Diesel Engine/Technician Helper	90
B – Diesel Electrical and Electronics Technician	DIM0102	Diesel Electrical and Electronics Technician	90
	DIM0302	Diesel Engine Performance	90
	DIM0106	Diesel Heating and Air Conditioning Technician	60
	DIM0109	Diesel Hydraulics Technician	60

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C – Diesel Engine Technical	DIM0108 OR	Diesel Drivetrain Technician OR	100
	DIM0110	Diesel Powertrain Technician	(100)
	DIM0111L	Diesel Technician Lab 1	100
	DIM0104	Diesel Engine Technician	100
D – Diesel Brakes Technician	DIM0105	Diesel Brakes Technician	90
	DIM0107	Diesel Steering and Suspension Technician	90
	DIM0103	Diesel Preventative Maintenance Technician	90
	DIM0802L	Work-Based Learning Practice	30
		Total	1050

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

2. Revised Program - Diesel Technician CCP (title was: ~~Diesel Maintenance Technician CCP~~)

FA

Presenter: Eligio Marquez

CIP Code: 0647060515 (Federal: 47.0615)

Total Clock Hours: 600 **Program Code:** 5452

Program Length: 20 weeks/day; 30 weeks/night

Assigned Curriculum Reviewers: Scott Hammond, Trineshia Sellars, Sabrina Greenwell

CC Representative: Eligio Marquez

Justification: This program will be offered in the evenings. The cohort running currently graduates in December. If the program course changes are approved, they will start with the January cohort. The idea of the name change is based on the recommendation of the ASE-EF advisory committee to be a more attractive name eliminating the word “maintenance” which creates confusion to students. The course changes are to mirror the changes in the DST1-5468 to have most of the same classes giving the opportunity to students to return during the day and take the classes that were not in the evening program. This was also recommended by the ASE-EF advisory committee.

This program had been approved to be offered in Belle Glade (BG) when I first proposed it but has never been offered there.

Institutional Learning Outcomes: Communication, Critical Thinking, and STEM

Delivery: F2F, Lake Worth, Belle Glade

Program Description:

~~The Diesel Maintenance Technician Program~~ This program will provide students with prepare the knowledge and skills needed to obtain employment as participant for an entry-level technician-level job in the diesel service industry. This 600-hour program employs theory and laboratory work to cover a broad

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range of entry level skills that will provide a solid foundation for this career Hands-on training in the industry labs in combination with the theory in the classroom will give the student a full understanding of employability skills, hands-on training, safety, and organization. The participant will be trained with the ASE Education Foundation Entry Level standards and testing, leading into Certifications in to student certifications in IMMR. Additionally, the program prepares students for 6 professional-level ASE certification exams. This program is accredited by the ASE Education Foundation.

<https://www.aseeducationfoundation.org>

Admission Requirements:

- No high School diploma or GED is required. (To be eligible to receive federal student aid, you must: Have a high school diploma or a General Education Development (GED) certificate, or have completed homeschooling)
- Complete an application for admission, located at www.palmbeachstate.edu/admissions/Admissions-Applications
- Take the TABE exam, if not exempt from TABE testing. To determine if you are exempt, please go to www.palmbeachstate.edu/academicservices/curriculum-andprograms/
- Send request for official high school transcripts, GED, or validated foreign equivalent to the Admissions Office.
- Attend a program information session and meet with the program advisor are mandatory. (www.palmbeachstate.edu/information-sessions/)

Completion Requirements

1. Students must successfully complete all courses listed in the catalog for this program.
2. All financial responsibilities must be satisfied.

Diesel Technician CCP (5452) (600 hours)					
Current Program: Diesel Maintenance Technician CCP (5452)			Proposed Program: Diesel Technician CCP (5452)		
Course #	Title	Clock Hours	Course #	Title	Clock Hours
Term One - Fall (Year One) (Clock Hours: 300)			Term One - Fall (Year One) (Clock Hours: 300)		
DIM0154 Diesel Maintenance Technician 1	150 hrs		AER0033 Employability Skills [New]		60hrs
DIM0155 Diesel Maintenance Technician-2	150 hrs		DIM0101 Diesel Engine/Technician Helper [Revised]		90hrs
			DIM0102C Diesel Electrical and Electronics Technician [New]		90hrs
			DIM0154C Diesel Engine Electronics [Revised]		60hrs
Term Two - Spring (Year One) (Clock Hours: 300)			Term Two - Spring (Year One) (Clock Hours: 300)		
DIM0101 Diesel Engine Mechanic/Technician Helper	150 hrs		DIM0105 Diesel Brakes Systems Technician [Revised]		90hrs
DIM0131 Diesel Air Brakes Technician	150 hrs		DIM0107C Diesel Steering and Suspension [New]		90hrs
			DIM0106C Diesel Heating and Air Conditioning Technician [New]		60hrs
			DIM0155 Diesel Maintenance Service Technician [Revised]		60 hrs
Total Clock Hours: 600			Total Clock Hours: 600		

OCP Table - Diesel Technician CCP (5452) (600 hours)			
OCP Points	Course	Title	Clock Hours

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A – Diesel Engine Mechanic/Technician Helper	AER0033 DIM0101	Workplace Skills Diesel Engine/Technician Helper	60 90
B – Diesel Electrical and Electronics Technician	DIM0102 DIM0154	Diesel Electrical and Electronics Technician Diesel Engine Electronics	90 60
C – Diesel Engine Technical	DIM0105	Diesel Brakes Technician	90
	DIM0107	Diesel Steering and Suspension Technician	90
	DIM0106	Diesel Heating and Air Conditioning Technician	60
	DIM0155	Diesel Maintenance and Service Technician	60
		Total	600

3. New Courses - Automotive

Presenter: Eligio Marquez

Assigned Curriculum Reviewers: Gilberto Castaneda, Angela Adame-Smith, Joseph Brownlee

CC Representative: Eligio Marquez

Effective: Spring 2022

Cluster Approved: 10/28/2020

Business Partnership Council Approved: 5/13/2020

Justification: Eight new courses in the revision of the Automotive programs. AER0033C is a new course with new content and shared with the Diesel programs. The other new courses have had content rearranged and shuffled from the current/previous 150-clock hour courses into the new courses.

New Courses - Automotive

	Course #	Title	Course Information
a.	AER0006C	Introduction to Automotive Industry, Safety, and Tools	60 Clock Hours; Corequisites: VPI0100-0300; AN Grading Method; Limit to: 5463/5451; Offered F2F @ LW & BG ILO: STEM, Communication and Critical Thinking CLO 1: Proficiently explain and apply required shop and personal safety tasks relating to the automotive industry. CLO 2: Explain and apply required tasks associated with the proper use and handling of tools and equipment relating to the automotive industry. CLO 3: Demonstrate an understanding of shop rules and regulations. CLO 4: Demonstrate qualifying credentials in S/P2's and lift training. Course Fee: \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance Fee
b.	AER0007C	Fundamentals of Drivetrain Systems	80 Clock Hours; AN Grading Method; Limit to 5451; Offered F2F @ LW & BG ILO: STEM, Communication and Critical Thinking CLO 1: Explain and apply proficiently the diagnosis and service of automatic transmissions/transaxles. CLO 2: Explain and apply proficiently the operation, diagnosis and service of manual drivetrains, clutches, transmissions/transaxles, drive and half-shaft universals, constant velocity joints, rear axle differential assembly, limited slip, four-wheel drive, and all-wheel drive.

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		<p>Course Fee: \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance Fee</p>
c.	AER0172C Heating and Air Conditioning	<p>70 Clock Hours; Prerequisite: AER0360 with a grade of C or higher. AN Grading Method; Limit to 5463/5451; Offered F2F @ LW & BG ILO: STEM, Communication and Critical Thinking CLO 1: Explain and apply proficiently the diagnosis, service, and repair of heating and air conditioning, refrigeration, compressor clutches, evaporators, receiver driers, accumulators, condensers, heating and engine cooling, related control systems, refrigerant recovery, and recycling and handling. CLO 2: Demonstrate proper understanding of the EPA Section 609. Course Fee: \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance Fee</p>
d.	AER0257C Automatic Transmissions	<p>70 Clock Hours; AN Grading Method; Limit to 5463; Offered F2F @ LW & BG ILO: STEM, Communication and Critical Thinking CLO: Explain and apply proficiently the diagnosis, service, repair, and overhaul of automatic transmissions/transaxles. Course Fee: \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance Fee</p>
e.	AER0274C Manual Drivetrain and Axles	<p>80 Clock Hours; AN Grading Method; Offered F2F @ LW & BG ILO: STEM, Communication and Critical Thinking CLO 1: Explain and apply proficiently the operation, assembly, diagnosis, service, and repair of manual drivetrains, clutches, transmissions/transaxles, drive and half-shaft universals, constant velocity joints, rear axle differential assembly, limited slip, four-wheel drive, and all-wheel drive. Course Fee: \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance Fee</p>
f.	AER0885C Engine Performance 1	<p>80 Clock Hours; Prerequisite AER0360 with a grade of C or higher; Corequisites: VPI0100-0300; AN Grading Method; Limit to 5463/5451; Offered F2F @ LW & BG ILO: STEM, Communication and Critical Thinking CLO 1: Explain and apply proficiently the diagnosis, service and repair of engines, ignition, fuel, air induction, and exhaust systems. Course Fee: \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance Fee</p>
g.	AER0886C Engine Performance 2	<p>70 Clock Hours; Prerequisite: AER0885 with a grade of C or higher; Corequisite VPI0100-0300; AN Grading Method; Limit to 5463; Offered F2F @ LW & BG ILO: STEM, Communication and Critical Thinking CLO 1: Explain and apply proficiently the diagnosis, service computerized and emission control systems. Course Fee: \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance Fee</p>

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h.	AER0893L	Automotive Work-based Learning Practice	80 Clock Hours; Prerequisites: AER0360, AER0608, AER0885 and AER0886 with a grade of C or higher. TABE requirements must be exempt or completed. AN Grading Method; Limit to 5463; Offered F2F @ LW & BG ILO: STEM, Communication and Critical Thinking CLO 1: Perform diagnosis and repair on vehicles as required. CLO 2: Perform diagnosis and repairs as mandated by the ASE tasks. Course Fee: \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance Fee
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Discussion:

Data sources consulted: Curriculum Support Documents

Action:

4. Revised Courses - Automotive

Presenter: Eligio Marquez

Assigned Curriculum Reviewers: Gilberto Castaneda, Angela Adame-Smith, Joseph Brownlee

CC Representative: Eligio Marquez

Justification: Six revised courses - changes in clock hours, pre/corequisites, course titles and numbers, course fees.

Effective: Spring 2022

Cluster Approved: 10/28/2020

Business Partnership Council Approved: 5/13/20

Revised Courses - Automotive					
	Current Course #	Current Title	Proposed Course #	Proposed Course Title	Proposed Changes
a.	AER0014	Introduction to Automotive Services (CCP)	same	Fundamentals of Automotive Services (CCP)	Change course title; Change Clock Hours from 300 clock hours to 100 clock hours ; Change course description; AN Grading method; Limit to Access Codes: 5463/ 5451 ; Course currently in: 5463, 5458A ; Offered F2F @ BG and LW ILO: Communication, Critical Thinking, STEM CLO 1: Demonstrate proper vehicle routine maintenance and service. CLO 2: Demonstrate proper use of tire balance machine. CLO 3: Demonstrate basic diagnosis and inspection skills. CLO 4: Demonstrate proficiency in preparing vehicles for routine pre/post-maintenance and customer services. Course Fee Increase: from \$30.00 to \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance Fee – Maintain this fee per 2021-2022 PBSC Fee Schedule.

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b.	AER0691	Automotive Electrical and Electronic Systems 1 (CCP)	AER0360	Electrical and Electronic Systems 1 (CCP)	Change course number; Change course title; Change Clock Hours from 150 clock hours to 80 clock hours ; Change course description; AN Grading method; Change Corequisites from VPI0100-0300 to VPI 0100-0300 and AER0006 or AER0014 ; Limit to Access Codes: 5463/ 5451 ; Course currently in: 5463, 5458A ; Offered F2F @ BG and LW ILO: Communication, Critical Thinking, STEM Course Fee Increase: from \$30.00 to \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance Fee – Maintain this fee per 2021-2022 PBSC Fee Schedule.
c.	AER0692	Automotive Electrical and Electronics 2 (CCP)	AER0608C	Electrical and Electronics 2 (CCP)	Change course number; Change course title; Change Clock Hours from 150 clock hours to 70 clock hours ; Change course description; AN Grading method; Change prerequisite from: AER0691 with a grade of C or higher to AER0360 with grade of C or higher ; Limit to Access Codes: 5463/ 5451 ; Course currently in: 5463, 5458A ; Offered F2F @ BG and LW ILO: Communication, Critical Thinking, STEM Course Fee Increase: from \$30.00 to \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance Fee – Maintain this fee per 2021-2022 PBSC Fee Schedule.
d.	AER0199	Automotive Engine Repair (CCP)	AER0199C	Engine Repair (CCP)	Add " C " Suffix; Change title; Change Clock Hours from 150 clock hours to 80 clock hours ; AN Grading method; Limit to Access Codes: 5463/ 5451 ; Course currently in: 5463, 5458A ; Offered F2F @ BG and LW ILO: Communication, Critical Thinking, STEM Course Fee Increase: from \$30.00 to \$55.00 (#6 Technical/mechanical course)
e.	AER0499	Automotive Steering and Suspension (CCP)	AER0453C	Steering, Suspension, and Alignment (CCP)	Change course number; Change title; Change Clock Hours from 150 clock hours to 75 clock hours ; AN Grading method; Limit to Access Codes: 5463/ 5451 ; Course currently in: 5463, 5458A ; Offered F2F @ BG and LW ILO: Communication, Critical Thinking, STEM Course Fee Increase: from \$30.00 to \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance Fee – Maintain this fee per 2021-2022 PBSC Fee Schedule.
f.	AER0599	Automotive Brake Systems (CCP)	AER0418C	Brake Systems (CCP)	Change Clock Hours from 150 clock hours to 75 clock hours ; Prerequisite: AER0608 with a grade of C or higher (formerly AER0692); AN Grading method; Limit to Access Codes: 5463/ 5451 ; Course currently in: 5463, 5458A ; Offered F2F @ BG and LW ILO: Communication, Critical Thinking, STEM Course Fee Increase: from \$30.00 to \$55.00 (#6 Technical/mechanical course) Medical Accident Insurance Fee – Maintain this fee per 2021-2022 PBSC Fee Schedule.

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Discussion:

Data sources consulted: Curriculum Support Documents

Action:

5. Revised Program - Automotive Service Technician CCP (title was: ~~Basic Automotive Service Technology CCP~~) **FA**
Presenter: Eligio Marquez **Effective:** Spring 2022
CIP Code: 0647060411 (Federal: 47.0604) **Cluster Approved:** 10/28/2020
Total Clock Hours: 1050 **Program Code:** 5463 **Business Partnership Council Approved:** 5/13/2021
Length: 40 weeks/day; 58 weeks/night **Access:** Controlled Access

Assigned Curriculum Reviewers: Gilberto Castaneda, Angela Adame-Smith, Joseph Brownlee

CC Representative: Eligio Marquez

- **Justification:** The BAST-5463 has not been offered since December 2020. This is a 1,050 clock-hour program that we are proposing to make the changes of what our ASE Education Foundation Advisory Committee and Business Partners are asking from us. **The whole purpose of our CCP programs is to be able to serve our community business partners.**
- The Basic Automotive Service Technology (5463) program name will change to Automotive Service Technician and will remain at 1,050 clock-hours that are approved for SACSCOC and FLDOE which does not require any action. There are clock-hour changes in the existing classes with name changes and additional classes added to cover all the material needed to maintain the ASE standards.
- This is a program revision to restart the 5463-program while at the same time meeting the community industry needs and offering the program at the BG campus as another alternative for the community.
- Our business partners have been requesting that we have a program that can be shorter in time/length to completion to meet their needs. Based on this need, I researched with ASE and confirmed the clock-hours per program necessary to maintain the accreditation and comply with the mandatory tasks that students need to complete prior graduation. I presented this research to our ASE-EF advisory committee (which for auto are 1,040 clock-hours) to keep the ASE standards. The advisory committee agreed for me to give a presentation on how the program be revised, including all the areas that needed to be covered. This was presented to the advisory committee in May of 2020 and was approved by the advisory committee.
- The only reason the 5463-program is requesting a **Spring start** is so that the conversations with South Tech and other schools by the Office of Student Services to begin dual-enrollment could take place as soon as possible. Currently, the way the programs are set up in Workday the clock-hours do not work for these schools. This program would also be an addition to the BG campus offering as well.
- The *Automotive Service Technology* (5458A) program is not being discussed for transition because there is no transition **yet**. The last cohort of 5458A started in August of 2021 (**ends Spring 2023**) and will have a teach out phase presented at the next meeting **if** the 5463 actions are approved. The new cohort for 5463 will start in February of 2022 offering this revised program, *if approved*.

Institutional Learning Outcomes: Communication, Critical Thinking, and STEM

Delivery: F2F, Lake Worth, Belle Glade

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Program Description:

This program is designed to will prepare students for employment in the participant as a variety of occupations and careers found technician in the automotive service and repair industry field. A combination of technical theory and practical hands Hands-on instruction will provide students training in the labs is supplemented with the knowledge theory in the classroom to give the student a full understanding of workplace practice, safety, and organization. The AST program provides technical skill proficiency and includes competency-based applied learning that contributes to academic knowledge, higher-order reasoning, and problem-solving skills, required work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the automotive field. ASE Education Foundation Entry Level curriculum prepares the students for 10 entry-level level employment certification exams included in this high-wage field. Coursework for the program. Additionally, the Basic Automotive Service Technology program prepares students for the Automotive Technician professional level ASE (National Automotive Service Excellence) A1 thru A8 plus G1 certification exams in Engine Repair (A1), Steering and Suspension (A4), Brakes (A5), and Electrical/Electronic Systems (A6). For more information, please refer to www.ase.com This is an ASE Education Foundation Accredited Training Program. <https://www.aseeducationfoundation.org/>.

Program coursework content also covers: Shop organization, Environmental and safety practices, Proper use of tools and equipment, Applied math and science, Employability skills, Maintenance operations and shop facilities, Entrepreneurship, Proper and safe use of tools and diagnostic equipment. The Basic Automotive Service Technology program Technician program is certified as a Master Training Program by the National Automotive Technicians Education Foundation (NATEF) meeting national training standards in Automotive Service Excellence areas of certification: www.NATEF.org.

Admission Requirements: No changes

Program Length:

The Basic Automotive Service Technology program Technician program is 1,050 hours long. The part-time program, offered in This program is offered during the evenings, is daytime and is approximately 17 months 12 months long.

Automotive Service Technician CCP (5463) (1050 hours)					
Course Number	Title	Clock Hours	Course Number	Title	Clock Hours
Term One - Fall (Year One) (Clock Hours: 300)			Term One - Fall (Year One) (Clock Hours: 300 445)		
AER0014	Introduction to Automotive Services (CCP)	300	AER0033C	Workplace Skills [New]	60
			AER0006C	Introduction to Automotive Industry, Safety, and Tools [New]	60
			AER0014C	Fundamentals of Automotive Services [Revised]	100
			AER0360C	Electrical and Electronics 1 [Revised]	80
			AER0608C	Electrical and Electronics 2 [Revised]	70
			AER0418C	Brake Systems [Revised]	75
Term Two – Spring (Year One) (Clock Hours: 300)			Term Two – Spring (Year One) (Clock Hours: 300 455)		
AER0691	Automotive Electrical and Electronic Systems 1 (CCP)	150	AER0453	Steering and Suspensions [Revised]	75
AER0692	Automotive Electrical and Electronic Systems 2 (CCP)	150	AER0110C	Engine Repair [Revised]	80
			AER0885C	Engine Performance 1 [New]	80

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	AER0886C Engine Performance 2 <i>[New]</i>	70
	AER0257C Automatic Transmissions <i>[New]</i>	70
	AER0274C Manual Drivetrain and Axles <i>[New]</i>	80
Term Three – Summer One (Clock Hours: 150)	Term Three – Summer One (Clock Hours: 150)	
AER0599 Automotive Brake Systems (CCP) ————— 150	AER0172C Heating and Air Conditioning <i>[New]</i>	70
	AER0893L Automotive Work-based Learning Practice <i>[New]</i>	80
Term Four – Fall (Year Two)		
AER0199 Automotive Engine Repair (CCP) ————— 150		
AER0499 Automotive Steering and Suspension (CCP) ————— 150		
Total: 1050 clock hours	Total: 1050 clock hours	

OCP Table – Automotive Service Technician CCP (5463) (1050 hours)			
OCP Points	Course	Title	Clock Hours
A – Automotive Services Assistor	AER0033C	Workplace Skills	60
	AER0066C	Introduction to Automotive Industry, Safety, and Tools	60
	AER0014C	Fundamentals of Automotive Services	100
	AER0110C	Engine Repair	80
B – Automotive Brake System Technician	AER0418C	Brake Systems	75
	AER0453C	Steering and Suspensions	75
C – Automotive Suspension and Steering Technician	AER0257C	Automatic Transmissions	70
	AER0274C	Manual Drivetrain and Axles	80
D – Automotive Electrical and Electronic Technician	AER0360C	Electrical and Electronics 1	80
	AER0608C	Electrical and Electronics 2	70
	AER0885C	Engine Performance 1	80
	AER0886C	Engine Performance 2	70
E – A/C and Practice	AER0172C	Heating and Air Conditioning	70
	AER0893L	Automotive Work-based Learning and Practice	80
		Total	1050

Discussion:

Data sources consulted: Curriculum Support Documents

Action:



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6. Revised Program - **Automotive Repair Technician CCP** (title was: ~~Automotive Maintenance and Light Repair Technician CCP~~) **FA**

Presenter: Eligio Marquez

Effective: Summer 2022

CIP Code: 0647060422 (Federal: 47.0604)

Cluster Approved: 10/28/2020

Total Clock Hours: 600 **Program Code:** 5451

Business Partnership Council Approved: 5/13/2021

Length: 32 weeks/night

Access: Controlled Access program

Assigned Curriculum Reviewers: Gilberto Castaneda, Angela Adame-Smith, Joseph Brownlee

CC Representative: Eligio Marquez

Justification: This program is being offered in the evenings. The class is currently running. If the program course changes are approved, they would start in Summer of 2022. The name change is based on the recommendation of the ASE-EF advisory committee to be a more attractive name eliminating the words "maintenance" and "light" which have been creating confusion to students. This was mentioned to the instructors and to me directly by the students. The course changes are to mirror the changes in the AST-5463 program to have most of the same classes giving the opportunity to students to return during the day and take the classes that were not in the evening program. This was also recommended by the ASE-EF advisory committee. I am also including this program to be able to be offered on the Belle Glade (BG) campus as another short program alternative.

Institutional Learning Outcomes: Communication, Critical Thinking, and STEM

Delivery: F2F, Lake Worth, Belle Glade

Program Description: ~~The Automotive Maintenance and Light Repair Program~~ This program will ~~provide students with~~ prepare the knowledge and skills needed to obtain employment as an participant for entry-level technician employment in the automotive industry service field. ~~This 600-hour program employs theory and laboratory work to cover a broad range of entry-level skills that will provide a solid foundation~~ Hands-on training in the automotive industry labs is supplemented with the theory in the classroom to give the student a full understanding of workplace practice, safety, and organization. This program covers all basic aspects of the 8 ASE areas, giving the student the opportunity to gain knowledge for any entry-level position. ASE Education Foundation Entry Level curriculum prepares learners for 8 entry-level certification exams included in the program. Additionally, the program prepares students for the professional level ASE certification exams. This is an ASE Education Foundation Accredited Training Program.

www.aseeducationfoundation.org/

Admission Requirements:

1. No high ~~School~~school diploma or GED is required. (To be eligible to receive federal student aid, you must: Have a high school diploma or a General Education Development (GED) certificate, or have completed homeschooling)
2. Complete an application for admission, located at <http://www.palmbeachstate.edu/admissions/Admissions-Applications>
3. Take the TABE exam, if not exempt from TABE testing. To determine if you are exempt, please go to www.palmbeachstate.edu/academicservices/curriculum-and-programs/TABE-Standards
4. Send request for official high school transcripts, GED, or validated foreign equivalent to the Admissions Office.
5. Attend a program information session and meet with the program advisor. (www.palmbeachstate.edu/information-sessions/)

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Automotive Repair Technician CCP (5451) (600 hours)					
Course #	Title	Clock Hours	Course #	Title	Clock Hours
Term One - Fall (Year One) (Clock Hours: 450)			Term One - Fall (Year One) (Clock Hours: 450 300)		
AER0025	Maintenance and Light Repair Technician 1 (CCP)	150	AER0006C	Introduction to Automotive Industry, Safety, and Tools [New]	60
AER0026	Maintenance and Light Repair Technician 2 (CCP)	150	AER0360C	Electrical and Electronics 1 [Revised]	80
AER0027	Maintenance and Light Repair Technician 3 (CCP)	150	AER0110C	Engine Repair [Revised]	80
			AER0885C	Engine Performance 1 [New]	80
Term Two – Spring (Year One) (Clock Hours: 150)			Term Two – Spring (Year One) (Clock Hours: 150 300)		
AER0028	Maintenance and Light Repair Technician 4 (CCP)	150	AER0418C	Brake Systems [Revised]	75
			AER0453C	Steering and Suspensions [Revised]	75
			AER0172C	Heating and Air Conditioning [New]	70
			AER0007C	Fundamentals of Automotive Drivetrains [New]	80
Total: 600 clock hours			Total: 600 clock hours		

OCP Table – Automotive Repair Technician CCP (5451) (600 hours)			
OCP Points	Course	Title	Clock Hours
A – Maintenance and Light Repair Technician	AER0006C	Introduction to Automotive Industry Safety and Tools	60
	AER0360C	Electrical and Electronics 1	80
	AER0110C	Engine Repair	80
	AER0885C	Engine Performance 1	80
	AER0418C	Brake Systems	75
	AER0453C	Steering and Suspensions	75
	AER0172C	Heating and Air Conditioning	70
	AER0007C	Fundamentals of Drivetrain Systems	80
		Total	600

Discussion:

Data sources consulted: Curriculum Support Documents

Action:

V. CURRICULUM COMMITTEE BUSINESS

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A. General Education Council – Iva Graff-Bergeron

Discussion:

Action:

VI. MOTION TO DISMISS ADMINISTRATIVE MEMBERS

Discussion: NA

Action:

Curriculum Development Session immediately following adjournment (time permitting).

2021-2022 Curriculum Actions Reviewed

ACTIONS	BAS/BS	AA	AS	ATC	ATD	CCC	PSAV/CCP	Dev. Ed	Totals
New Course	1						9		10
Revised Course			5				6		11
Deleted Course		10	9						19
New Program									
Revised Program	2		2			1	2		7
Deleted Program	1								1
Other									
Agenda Totals	4	10	16			1	22		48
Cumulative Total for AY 21-22	8	10	18			1	44		81