#### FA - Possible Financial Aid Action Warranted

I. Approval of September 26, 2013 Minutes

**Discussion:** 

Data sources consulted: Minutes, E-votes

**Action:** 

#### II. For Your Information

#### CCE/Avocation Course Action September 19th to October 17, 2013

New Avocational and CCE Courses	Title	Clock Hours
CWO0295	Find a Job Through LinkedIn	2
FFO0952	FLUSAR Trench Rescue Technician	16
POO0529	Hazmat for Law Enforcement	4

Revised Avocational and CCE Courses	Title	Changes
CWO0209	A+ Certification	Revise course description
POO0200	Law Enforcement Review 2 Days	Change course description to <i>LE Review</i>

#### III. Old Business

**Discussion: NA** 

**Data sources consulted: Curriculum Support Documents** 

**Action:** 

IV. New Business Credits/Clock Hours

#### A. AA Courses

## 1. Communications

New Course Effective January 2014

ENC1101L College Composition 1 Lab (1 credit, 2 lab hours, Prerequisite:Non-Exempt students will need to provide appropriate English placement scores and appropriate reading placement scores;

Corequisite: ENC1101, no special fees) 1 credit

Revised Course Effective January 2014

ENC1101 College Composition 1 (Add ENC1101L as a required corequisite.) 3 credits

**Justification:** Recent Florida State legislative action that removed developmental testing and placement requirement for enrollment in ENC1101 College Composition required that this course be supported by a co-requisite lab component. This lab will aid underprepared students toward success in ENC1101. ENC1101 and ENC1101L will be a linked for registration and withdrawal. Students may test out of the ENC1101L component through honors criteria (to be determined by advising). The English Cluster vote included the stipulation that students who stop attending ENC1101L will be awarded a FX (not WX) in order to avoid a student withdrawal from the co-req ENC 1101. (To exempt from this course requirement, students must meet one of the following test scores: SAT combined verbal and math score of 1170 – or- ACT average score of 24 (English, Reading) -or- PERT score of 113 for reading and PERT score of 123 for writing.

If the student does not enroll in ENC1101 in the term of the exemption, the exemption will need to be reapplied.)

**Discussion:** 

**Data sources consulted: Curriculum Support Documents** 

Action:

#### 2. Math

New Courses Effective January 2014

MAT1033L Intermediate Algebra Lab (1 credit, 2 lab hours, AW grading scale, no prereq, coreq-MAT1033, no special fee)

1 credit

Revised Course

Effective January 2014

MAT1033 Intermediate Algebra (Add MAT1033L as a required corequisite)

3 credits

**Justification:** Recent Florida State legislative action that removed developmental testing and placement requirement for enrollment in MAT1033 Intermediate Algebra required that this course be supported by a co-requisite lab component. This lab will aid underprepared students toward success in MAT1033. In order to increase student success in MAT1033, students will receive additional support by taking a 1 credit lab course as a required co-requisite.

**Discussion:** 

**Data sources consulted: Curriculum Support Documents** 

Action:

#### 3. Music

#### Reactivated Course

## Effective January 2014

MVB2325 R Music-Applied-Private Instruction Tuba Sect S (Reinstate Five Year Rule inactive course as listed-2 credits, 2 lab hours, prerequisite MUS0010L with grade of C or higher, AW grading system, no Special fees, repeatable 6 times)

2 credits

**Justification:** Applied music lessons are individual instruction; a class may consist of one student. These classes are separated by instrument and level (freshman, sophomore, junior, senior). A student must take the correct class for his/her instrument and level. Due to the fluctuating population of music students, there are not students for all instruments every semester. In addition, not all students progress to the sophomore level for various reasons. This is why this particular course became inactive. The Music department currently have a tuba student who is preparing to transfer to a university to complete his music degree. He is currently taking his third semester of MVB 1315 (freshman level) and needs to move forward into the sophomore level course for next semester.

**Discussion:** 

**Data sources consulted: Curriculum Support Documents** 

Action:

#### 4. Strategies

#### Revised Course

## **Effective January 2014**

SLS1501 Strategies for College Success (Change title to Introduction to the College Experience, revise course description, revise course learning outcomes.)

3 credits

**Justification:** This course revision is part of the College's response to SB 1720. This course will now be a required course for all first time in college students. SLS 1501 will be a requirement for all First Time in College students who are

degree seeking, not certificate seeking and all transfer students who have 14 credits or less. This required course does not apply to students seeking credit certificates (CCC), advanced technical diplomas or PSAV certificates. This will allow for a more consistent student experience across the different campuses and sections of the course.

**Discussion:** 

**Data sources consulted: Curriculum Support Documents** 

Action:

#### **B.** Honors Courses

New Course Effective January 2014

INR2002 Honors International Relations (3 credits, 3 lecture hours, AW grading system, prerequisite-

Acceptance into the Honors College plus POS1001, POS1041 (either with a grade of B or

higher), or Instructor Approval, no special fees)

3 credits

4 credits

**Justification:** This course development is part of a continued effort to expand Honors course offerings for students at Palm Beach State College.

**Discussion:** 

**Data sources consulted: Curriculum Support Documents** 

Action:

#### C. Developmental Education Courses

New Course Effective January 2014

ENCO017 College Reading and Writing (4 institutional credits, 4 lecture hours, Prerequisite: Non-Exempt students will need to provide CPT score of 0-82 (SS/RC) or PERT score of REA 50-105 and/or

ENG 50-102 Corequisite: SLS1501, AN grading system, \$25 special fee)

**Justification:** Per Florida Senate Bill SB1720 - Palm Beach State College has restructured developmental education course offerings per this bills requirements effective October 31, 2013 for enrollment starting January 2014:

The bill restructures remedial college preparatory instruction as developmental education and requires Florida College System institutions to provide developmental education that is more tailored to the specific communication and computation skills a student needs to develop to be successful in performing college-level work. The bill does not repeal non-credit courses but requires colleges to offer developmental education options a student may pursue while also enrolled in college-credit courses. Students whose test scores indicate the need for developmental education must be advised of options and may enroll in the developmental education options of their choice.

The bill specifies that two groups of students must not be required to take the common placement test or to enroll in developmental education:

- Students who entered 9th grade in a Florida public school in 2003-2004 or thereafter and who earned a standard Florida high school diploma; or
- Students who are serving as active duty members of the United States Armed Services.

Students who are not required to be tested or to enroll in developmental education may request assessment and may enroll in developmental education if they wish.

**Discussion:** 

**Data sources consulted: Curriculum Support Documents** 

**Action:** 

## D. Childcare, Human Services and Teacher Education

# Early Childhood Education AS

Revised Program

# **Effective January 2014**

	Current Early Childhood Education AS 2358	3		Proposed Early Childhood Education AS 2	358
GENERAL EDUCATION REQUIREMENTS CREDITS			GENERAL EDI	JCATION REQUIREMENTS	CREDITS
ARH 1000 -or-	Art Appreciation		ARH 1000 -or-	Art Appreciation	
Any course	from Humanities - Area II	3	Any course	from Humanities - Area II	3
ENC 1101	College Composition 1	3	ENC 1101	College Composition 1	3
ESC 1000	Earth Science		ESC 1000	Earth Science	
-or-			-or-		
	from Natural Sciences - Area IV	3	•	from Natural Sciences - Area IV	3
PSY 2012 SPC 1017	General Psychology	3 n 3	PSY 2012 SPC 1017	General Psychology	3
	Fundamentals of Speech Communication			Fundamentals of Speech Communicati	
Total Requ	ired General Education Credits	15	Total Requi	ired General Education Credits	15
REQUIRED CO	DURSES	CREDITS	REQUIRED CO	DURSES	CREDITS
CHD 1220	Child Development Infancy/Preschool	3	CHD 1220	Child Development Infancy/Preschool	3
DEP 2102	Child Growth and Development	3	DEP 2102	Child Growth and Development	3
EDF 2085	Introduction to Diversity for Educators	3	EDF 2085	Introduction to Diversity for Educators	
EDG 1314	Education Practicum 1	3	EDG 1314	Education Practicum 1	3
EDF 1030	Behavior Management in the Classroom		EDF 1030	Behavior Management in the Classroon	
EEC 1601	Observation and Assessment in Early Ch		EEC 1601	Observation and Assessment in Early C	
EEC 2271 EEC 2710	Teaching Children with Special Needs Conflict Resolution in Early Childhood	3 3	EEC 2271 EEC 2710	Teaching Children with Special Needs	3 3
EEC 2710	Health, Safety, and Nutrition for	3	EEC 2710	Conflict Resolution in Early Childhood Health, Safety, and Nutrition for	3
LLC 2/34	the Young Child	3	LLC 2734	the Young Child	3
ENC 1102	College Composition 2*	3	ENC 1102	College Composition 2*	3
MAT 1033	Intermediate Algebra**	3	MTB 1103	Business Mathematics**	3
MUL 1010	Music Appreciation	3	-or-		
	ired Courses Credits	36	MAT 1033 -or-	Intermediate Algebra**	
	Practicum II may be taken instead of ENC1	102 only by		from Mathematics – Area III	3
	t planning to transfer to a university.			Music Appreciation	3
** (Or high see an advi	er. Students planning to transfer to a unive sor.)	rsity should	Total Requi	ired Courses Credits	36
REQUIRED CO	OLLEGE CREDIT CERTIFICATE (CCC) COURS	ES		Practicum II may be taken instead of ENC	C1102 only by
	ONE of the following Certificates to comple			t planning to transfer to a university.	
program:				er. Students planning to transfer to a univ	versity should
CHILD CAR	E CENTER MANAGEMENT (CCC 6366)	12	see an advis	or.)	
EEC1523: E	EC2002; EEC2202; EEC2521		REQUIRED CO	DLLEGE CREDIT CERTIFICATE (CCC) COUF	RSES
-or-			Complete C program:	ONE of the following Certificates to comp	olete this AS
	PE (CCC 6388)	12		E CENTER MANAGEMENT (CCC 6366)	12
•	EC1220; EEC1221; EEC1222			EC2002; EEC2202; EEC2521	
-or-			-or-	20202, 2202202, 2202321	
INFANT/TO	DDDLER (CCC 6367)	12		E (CCC 6388)	12
EEC1001; E	EC1522: EEC2201; EEC2407			E (CCC 0388) EC1220; EEC1221; EEC1222	12
-or-			-or-	LC122U, EEC1221, EEC1222	
PRE-SCHOO	<b>DL</b> (CCC 6368)	12		DDDLER (CCC 6367)	12
EEC1001 O	R EEC1309; EEC1300; EEC1311; EEC1312		_	·	12
Total Progr	ram Credits	63	-or-	EC1522: EEC2201; EEC2407	
J				<b>DL</b> (CCC 6368)	12
				R EEC1309; EEC1300; EEC1311; EEC1312	
			Total Progr		63
			. Otal i i ogi		

**Justification:** When reviewing programs impacted by changes instituted at Palm Beach State College in response to SR 1720, it was revealed that the Early Childhood Education AS degree was the only program that fell into the following category:

Programs that included MAT1033 Intermediate Algebra as a required course and did not provide an alternative for students of a choice not to be required to take the new MAT1033L Intermediate Algebra Lab for an additional credit.

Upon inquiry with the associate dean liaison to the Education Cluster (Susan Caldwell) and the Teacher Education, Early Childhood, and K-12 Program Director (Sheila Scott-Lubin), a solution that mirrors the Educational Assisting AS degree was suggested and accepted. (See above.)

The change will be effective January 2014 and was added to the College Catalog Addendum.

#### **Discussion:**

**Data sources consulted: Curriculum Support Documents** 

**Action:** 

#### E. Health Sciences

#### **Medical Information Coder/Biller**

Revised Courses	Effective August 2014	
HIM1000C Introduction to Health Information Management (Change of	course description, change prereq from	
HSC2531 and HSC2652C or CGS1100 w/ grade of C to No	one; change coreq from none to	
HSC2531 w/grade of C or higher)		3 credits
	Effective August 2014	
HIM1012C Health Information Law, Ethics, and Compliance (Change	prereqs from HIM1000C and MAN202	1
to just HIM1000C; change program code restriction from 2	(529 to 2529, 6528, B530, and 6531)	3 credits
	Effective August 2014	
HIM1433C Pathophysiology for Health Information Management (Cha	inge title to Pathophysiology for Health	
Information, revise course description, remove program co	de restrictions)	2 credits
	Effective August 2014	
HIM1442C Pharmacology for Health Information Management (Chang	ge title to Pharmacology for Health	
Information, change the course description, remove program	m code restriction.)	2 credits

## Revised Program Effective August 2014

Current Medical Information Coder/Biller CCC 6528 LIMITED ACCESS			Proposed Medical Information Coder/Biller CCC 6528 LIMITED ACCESS		
REQUIRED COURSES		CREDITS	REQUIRED CO	URSES C	REDITS
BSC 2085	Anatomy and Physiology 1	3	BSC 2085	Anatomy and Physiology 1	3
BSC 2085L	Anatomy and Physiology 1 Lab	1	BSC 2085L	Anatomy and Physiology 1 Lab	1
CGS 1100	Microcomputer Applications	3	BSC 2086	Anatomy and Physiology 2	3
BSC 2086	Anatomy and Physiology 2	3	BSC 2086L	Anatomy and Physiology 2 Lab	1
BSC 2086L	Anatomy and Physiology 2 Lab	1	HSC 2531	Medical Terminology	3
HSC 2531	Medical Terminology	3	HIM 1000C	Introduction to Health Information	
HIM 1000C	Introduction to Health Information			Management	3
	Management	3		Heath Information Law, Ethics, and Compli	ance 3
HIM 1433C	Pathophysiology for Health Information			Pathophysiology for Health Information	2
	Management	2	HIM 1442C	Pharmacology for Health Information	2
HIM 1442C	Pharmacology for Health Information		HIM 1282C	Fundamentals of Medical Coding	3
	<del>Management</del>	2	HIM 2222C	Medical Coding 1	3

Total Program Credits	34		
HIM 2810L Advanced Coding Practicum	1		
HIM 2253C Medical Coding 2	3	Total Program Credits	34
HIM 2272C Medical Reimbursement and Revenue	3	HIM 2810L Advanced Coding Practicum	1
HIM 2222C Medical Coding 1	3	HIM 2253C Medical Coding 2	3
HIM 1282C Fundamentals of Medical Coding	3	HIM 2272C Medical Reimbursement and Revenue	3

**Justification:** The national professional association, the American Health Information Management Association (AHIMA), has updated their model curriculum to include an increased concentration on legal issues. AHIMA has removed the required contact hours for basic computer skills in order to add the higher level legal knowledge areas. This curriculum change will align our program with the model curriculum. Additionally this will require updating course prerequisites. Additionally, removing the Pathophysiology and Pharmacology courses from the limited access portion of the program will facilitate program completion in a shorter length of time and accommodate future program changes that will be required by AHIMA to meet the requirements for Reality 2016, a white paper on health information curriculum. http://www.ecu.edu/cs-dhs/hsim/upload/Reality\_2016\_Presentation-9\_26\_12\_NC.pdf.

#### **Discussion:**

#### Data sources consulted:

#### **Action:**

## F. Trade and Industry

#### **Aeronautical Science AS**

Revised Cor	urse Effective January 2014	
ASC1101	Aero Navigation (Change prerequisite from PERT (Postsecondary Education Readiness Test)	
	scores of 84 (Reading) and 90 (Writing) or above, or successful completion of REA0007 and	
	ENC0015 to none.)	3 credits
ASC1210	Aero Meteorology (Change prerequisite from PERT (Postsecondary Education Readiness Test)	
	scores of 84 (Reading) and 90 (Writing) or above, or successful completion of REA0007 and	
	ENC0015 to none.)	3 credits
ASC1310	Aero Safety and Regulations (Change prerequisite from PERT (Postsecondary Education	
	Readiness Test) scores of 84 (Reading) and 90 (Writing) or above, or successful completion	
	of REA0007 and ENC0015 to none.)	3 credits
ASC1640	Propulsion Systems (Change prerequisite from PERT (Postsecondary Education Readiness Test)	
	scores of 84 (Reading) and 90 (Writing) or above, or successful completion of REA0007 and	
	ENC0015 to none.)	3 credits
ASC2550	Aerodynamics (Change prerequisite from PERT (Postsecondary Education Readiness Test)	
	scores of 84 (Reading) and 90 (Writing) or above, or successful completion of REA0007 and	
	ENC0015 to none.)	3 credits
ATT100	Private Pilot Ground School (Change prerequisite from PERT (Postsecondary Education	
	Readiness Test) score of 96 or above in Math or successful completion of MAT0018 to none.)	3 credits

#### Revised Program Effective January 2014

Current Professional Pilot - Airplane/Helicopter		Proposed Professional Pilot – Airplane/Helicopter		
Concentrations AS 2197A/2197H		Concentrations AS 2197A/2197H		
GENERAL EDUCATION REQUIREMENTS	CREDITS	GENERAL EDUCATION REQUIREMENTS	CREDITS	
ENC 1101 College Composition 1	3	ENC 1101 College Composition 1	3	
SPC 1017 Fundamentals of Speech Communication	3	SPC 1017 Fundamentals of Speech Communication	3	
PHY 1001 Applied Physics	3	PHY 1001 Applied Physics	3	
Any MAC prefix course from Mathematics – Area III 3		Any MAC prefix course from Mathematics – Area III	3	
Any course from Humanities - Area II 3		Any course from Humanities - Area II	3	
Any course from Social Science - Area V	3	Any course from Social Science - Area V	3	

CORE PROGRAM REQUIREMENTS  ASC 1101 Aero-Navigation  ASC 1210 Aero-Meteorology  ASC 1210 Aero-Safety and Regulations  ASC 1200 Aero-Safety and Regulations  ATF 1210 Commercial Pilot Ground School  ATF 1210 Commercial Pilot Ground School  ATF 1210 Commercial Pilot Ground School  ATF 1210 Commercial Pilot Filight 1 Airplane  A	Total Requi	red General Education Credits	18	Total Required General Education Credits	18
ASC 1101 Aero-Navigation ASC 1210 Aero-Navigation ASC 1210 Aero-Meteorology ASC 1210 Aero-Safety and Regulations ASC 1220 Aero-Safety and Regulations ASC 12200 Aero-Safety and Regulations ATT 1210 Commercial Pilot Ground School ATT 21210 Commercial Pilot Ground School ATT 21210 Commercial Pilot Ground School ATT 21210 Commercial Pilot Filipht 1 - Airplane ATT 22200 Commercial Pilot Filipht 1 - Airplane ATT 22200 Commercial Pilot Filipht - Airplane ATT 22200 Commercial Pilot Filipht - Airplane ATT 22200 Commercial Pilot Filipht - Airplane ATT 22200 Commercial Pilot	•				
ASC 1210 Aero-Meteorology ASC 1310 Aero-Meteorology ASC 1310 Aero-Safety and Regulations 3 ASC 1320 Aero-Safety and Regulations ASC 1320 Aero-Meteorology AFT 13200 Commercial Pilot Ground School ATT 1210 Commercial Pilot Ground School ATT 21210 Commercial Pilot Ground School ATT 21210 Tight Instructor Ground School ATT 21210 Total Required Note Propertial Pilot Flight - Airplane ATT 2200 Instrument Rating Flight - Airplane ATT 2200 Instrument Rating Flight - Airplane ATT 2200 Instrument Rating Flight - Airplane ATT 2200 In		-	2	-	3
ASC 1310 Aero-Safety and Regulations ASC 1310 Aero-Safety and Regulations ASC 1310 Aero-Safety and Regulations ASC 1550 Aerodynamics ASC 1550 Aerodynamics Art 1602C Seasor Elight Simulator 3 ARC 2550 Aerodynamics Art 1602C Seasor Elight Simulator 3 ARC 1310 Private Pilot Ground School 3 ART 2120 Instrument Ground School 3 ART 2120 Instrument Ground School 3 ART 2121 Flight Instructor Ground School 3 ART 2131 Flight Instructor Ground School 3 ART 2130 Flight Instructor Ground School 3 ART 2131 Flight Instructor Ground School 4 ART 2131 Flight Instructor Ground School 4 ART 2131 Flight Instructor Ground School 5 ART 21310 Flight Instructor Instrument Ground School 5 ART 21310 Flight Instructor Instrument (CFI-I) Flight - Airplane ART 22302 Flight Instructor Instrument (CFI-I) Flight - Ai					3
ASC 1640 Propulsion Systems 3 ASC 1650 Are Tido2C Basic Flight Simulator ATT 1100 Are Tido2C Description Systems 3 ASC 1650 Are Tido2C Basic Flight Simulator ATT 1100 Commercial Pilot Ground School ATT 2120 Instrument Ground School ATT 2131 Flight Instructor Ground School ATT 2132 Flight Instructor Ground School ATT 2131 Flight Instructor Ground School ATT 2132 Flight Instructor Ground School ATT 2131 Flight Instructor Ground School ATT 2132 Flight Instructor Ground School ATT 2133 Flight Instructor Ground School ATT 2131 Flight Instructor Ground School ATT 2130 F		o,		9,	3
ASC 2550 Aerodynamics ATE 1602C Basic Flight Simulator ATT 1100 Private Pilot Ground School ATT 21210 Commercial Pilot Ground School ATT 21210 Instrument Ground School ATT 21210 Commercial Pilot Ground School ATT 21211 Flight Instructor Ground School ATT 21210 Flight Instructor Ground School ATT 2120 Commercial Pilot Flight 1 - Airplane ATT 22500 Flight Instructor (Instital CFI) Flight - Airplane ATT 22500 Flight Instructor (Instital CFI) Flight - Airplane ATT 22500 Flight Instructor (Instital CFI) Flight - Airplane ATT 22500 Flight Instructor Ground School ATT 21210 Flight Instructor Ground School ATT 21210 Fl			3		J
ATF 1602C Basic Flight Simulator ATT 1100 Private Pilot Ground School ATT 2120 Instrument Ground School ATT 2120 Instrument Ground School ATT 2131 Flight Instructor Ground School ATT 2130 Instrument Rating Flight 7- Airplane ATT 2300 Instrument Rating Flight 7- Airplane ATT 2300 Instrument Rating Flight 7- Airplane ATT 2301 Flight Instructor Ground School ATT 213			3	• •	3
ATT 1100 Private Pilot Ground School ATT 2110 Commercial Pilot Ground School ATT 2111 Elight Instructor Ground School ATT 2113 Flight Instructor Flight I					3
ATT 2110 Commercial Pilot Ground School ATT 2111 Flight instructor Ground School ATT 21131 Flight instructor Ground School ATT 2131 Flight instructor Ground School ATT 2130 Flight instructor Flight 1 - Airplane ATT 2302 Instrument Rating Flight 1 - Airplane ATT 2204 Commercial Pilot Flight 2 - Airplane ATT 2204 Commercial Pilot Flight 2 Additional Rating Helicopter ATT 2245 Commercial Pilot Flight 2 Additional Rating Helicopter ATT 2500 Flight Instructor Instrument (Fil-F) Flight - Airplane ATT 2500 Flight Instructor Instrument (Fil-F) Flight - Airplane ATT 2500 Flight Instructor Multi-Engine Flight - Airplane ATT 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATT 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATT 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATT 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATT 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATT 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATT 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATT 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATT 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATT 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATT 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATT 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATT 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATT 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane			3		3
ATT 2131 Flight Instructor Ground School Total Required Core Program Credits ATF 1111C Private Pilot Flight 1 - Airplane ATF 1111C Private Pilot Flight 1 - Airplane ATF 1111C Private Pilot Flight 2 - Airplane ATF 1111C Private Pilot Flight 2 - Airplane ATF 1111C Private Pilot Flight 2 - Airplane ATF 2300 Instrument Rating Flight 1 - Airplane ATF 2300 Instrument Rating Flight 2 - Airplane ATF 2300 Instrument Rating Flight 2 - Airplane ATF 22501 Flight Lab 2 - Airplane ATF 22501 Commercial Pilot Flight 1 Additional Rating Helicopter ATF 2302 Commercial Pilot Flight 2 Additional Rating Helicopter ATF 25301 Commercial Pilot Multi-Engine Flight - Airplane ATF 25301 Flight Instructor (Initial CFJ) Flight - Airplane ATF 25301 Flight Instructor fultial CFJ Flight - Airplane ATF 25301 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25301 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25302 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25301 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25301 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25301 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25301 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25301 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25301 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25302 Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 25301 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25301 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25301 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25302 Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 25301 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25302 Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 25301 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25302 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25301 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 25302 Flight Instructor Multi-	ATT 2120	Instrument Ground School		ATT 2120 Instrument Ground School	3
Total Required Core Program Credits  REQUIRED COURSES  ATF 1112C Private Pilot Flight 1 - Airplane ATF 1112C Private Pilot Flight 2 - Airplane ATF 1112C Private Pilot Flight 2 - Airplane ATF 2302L Instrument Rating Flight 1 - Airplane ATF 2302L Instrument Rating Flight 2 - Airplane ATF 2302L Instrument Rating Flight 2 - Airplane ATF 2204C Commercial Pilot Flight - Airplane ATF 2204C Commercial Pilot Flight - Airplane ATF 2204C Commercial Pilot Flight 1 Additional Rating Helicopter ATF 2245 Commercial Pilot Flight - Airplane ATF 2500C Flight Instructor (Initial CPI) Flight - Airplane ATF 2500C Flight Instructor (Initial CPI) Flight - Airplane ATF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane AIF 2500C Flight Instructor Multi-Engine (MEI) Fli	ATT 2110	Commercial Pilot Ground School		ATT 2110 Commercial Pilot Ground School	3
REQUIRED COURSES  ATF 1111C Private Pilot Flight 1 - Airplane ATF 1111C Private Pilot Flight 1 - Airplane ATF 1111C Private Pilot Flight 1 - Airplane ATF 23001 Instrument Rating Flight 1 - Airplane ATF 2301 Instrument Rating Flight 2 - Airplane ATF 23021 Instrument Rating Flight 2 - Airplane ATF 22501 Flight Lab 2 - Airplane ATF 22502 Commercial Pilot Flight - Airplane ATF 25001 Flight Instructor (Initial CFI) Flight - Airplane ATF 25301 Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 25301 Flight Instructor Multi-Engine [MEI) Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI) Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI) Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 25101 Flight Instructor Multi-Engine [MEI] Flight - Airplane ATF 2510	ATT 2131	Flight Instructor Ground School	3	ATT 2131 Flight Instructor Ground School	3
ATF 1111C Private Pilot Flight 1 - Airplane ATF 12300 Instrument Rating Flight 1 - Airplane ATF 2300 Instrument Rating Flight 1 - Airplane ATF 2300 Instrument Rating Flight 1 - Airplane ATF 22501 Flight Lab 2 - Airplane ATF 22502 Commercial Pilot Flight - Airplane ATF 2245 Commercial Pilot Flight 1 Additional Rating Helicopter ATF 2246 Commercial Pilot Flight 2 Additional Rating Helicopter ATF 2500 Flight Instructor (Initial CFI) Flight - Airplane ATF 2500 Flight Instructor Instrument (CFI-I)	Total Requi	red Core Program Credits	30	<b>Total Required Core Program Credits</b>	30
ATF 1130LA-B Flight Lab 1 - Airplane ATF 130LA-B Flight Lab 1 - Airplane ATF 2302 Instrument Rating Flight 1 - Airplane ATF 2302 Instrument Rating Flight 2 - Airplane ATF 2204 Commercial Pilot Flight - Airplane ATF 2204 Commercial Pilot Flight - Airplane ATF 2205 Commercial Pilot Flight 1 Additional Rating Helicopter ATF 2245 Commercial Pilot Flight 2 Additional Rating Helicopter ATF 2500 Flight Instructor (Initial CFI) Flight - Airplane ATF 2500 Flight Instructor (Initial CFI) Flight - Airplane ATF 2500 Flight Instructor (Initial CFI) Flight - Airplane ATF 2500 Flight Instructor Multi-Engine Flight - Airplane ATF 2500 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2510L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2510L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2510L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2510L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2510L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2510L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2510L Flight Instructor Multi-Engine Flight - Airplane ATF 2510L Flight In	REQUIRED CO	URSES		REQUIRED COURSES	
ATF 1150LA-B Flight Lab 1 - Airplane ATF 2300 Instrument Rating Flight 1 - Airplane ATF 2300 Instrument Rating Flight 1 - Airplane ATF 2300 Instrument Rating Flight 2 - Airplane ATF 2250L Flight Lab 1 - Airplan					2
ATF 2300 Instrument Rating Flight 1 - Airplane ATF 2302L Instrument Rating Flight 2 - Airplane ATF 2204C Commercial Pilot Flight - Airplane ATF 2205C Commercial Pilot Flight - Airplane ATF 2206C Commercial Pilot Flight - Airplane ATF 2200C Commercial Pilot Multi-Engine Flight - Airplane ATF 2500C Flight Instructor (Initial CFI) Flight - Airplane ATF 2500C Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2500C Flight Instructor Multi-Engine Pilight - Airplane ATF 2500C Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2510L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2510L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2510L Flight Instructor Multi-Engine Pilight - Airplane ATF 2510L Flight Instructor Multi-Engine Pilight - Airplane ATF 2510L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2510L Flight Instructor Multi-Engine Pilight - Airplane ATF 2510L Flight Instructor Multi-Engi					2
ATF 2302L Instrument Rating Flight 2 - Airplane ATF 2250L Flight Lab 2 - Airplane ATF 2250L Commercial Pilot Flight - Airplane ATF 2250L Commercial Pilot Flight - Airplane ATF 2250L Commercial Pilot Flight - Airplane ATF 2250L Flight Lab 2 - Airplane ATF 2250L Commercial Pilot Flight - Airplane ATF 2250L Flight Lab 2 - Airplane ATF 2250L Flight					1
ATF 2250L Flight Lab 2 - Airplane ATF 2204C Commercial Pilot Flight - Airplane ATF 2245C Commercial Pilot Flight 1 Additional Rating Helicopter ATF 2246C Commercial Pilot Flight 2 Additional Rating Helicopter ATF 2400L Commercial Pilot Flight 2 Additional Rating Helicopter ATF 2500C Flight Instructor (Initial CFI) Flight - Airplane ATF 2500L Flight Instructor Instrument (CFI-I) Flight ATF 2530L Flight Instructor Instrument (CFI-I) Flight Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight Airplane ATF 2530L Flight Instructor Multi-Engine Flight - Airplane ATF 2530L Flight Instructor M					2
ATF 2204C Commercial Pilot Flight - Airplane  Total Required Courses Credits  ELECTIVES (5 CREDITS REQUIRED)*  ATF 2245 Commercial Pilot Flight 1 Additional Rating Helicopter  ATF 2246 Commercial Pilot Flight 2 Additional Rating Helicopter  ATF 2400L Commercial Pilot Flight 2 Additional Rating Helicopter  ATF 2400L Commercial Pilot Multi-Engine Flight - Airplane  ATF 2530L Flight Instructor (Initial CFI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane  Total Required Electives Credits  E					1
Total Required Courses Credits  ELECTIVES (5 CREDITS REQUIRED)*  ATF 2245 Commercial Pilot Flight 1 Additional Rating Helicopter 2 Commercial Pilot Flight 2 Additional Rating Helicopter 2 Commercial Pilot Flight 2 Additional Rating Helicopter 2 Commercial Pilot Flight 2 Additional Rating Helicopter 3 Commercial Pilot Flight 2 Additional Rating Helicopter 4 ATF 2400L Commercial Pilot Flight 2 Additional Rating Helicopter 4 ATF 2500C Flight Instructor (Initial CFI) Flight - Airplane 1 ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane 1 AIrpla					1
ELECTIVES (5 CREDITS REQUIRED)*  ATF 2245 Commercial Pilot Flight 1 Additional Rating Helicopter  ATF 2246 Commercial Pilot Flight 2 Additional Rating Helicopter  ATF 2240 Commercial Pilot Flight 2 Additional Rating Helicopter  ATF 2400 Commercial Pilot Multi-Engine Flight - Airplane 2 ATF 2530 Commercial Pilot Multi-Engine Flight - Airplane 2 ATF 2530 Commercial Pilot Multi-Engine Flight - Airplane 2 ATF 2530 Commercial Pilot Multi-Engine Flight - Airplane 3 ATF 2530 Commercial Pilot Multi-Engine Flight - Airplane 4 ATF 2530 Commercial Pilot Flight - Airplane 4 ATF 2400 Commercial Pilot Flight - Airplane 4 ATF 2500 Commercial P		• ,			2
ATF 2245 Commercial Pilot Flight 1 Additional Rating Helicopter  ATF 2246 Commercial Pilot Flight 2 Additional Rating Helicopter  ATF 22400 Commercial Pilot Flight 2 Additional Rating Helicopter  ATF 22400 Elight Instructor (Initial CFI) Flight - Airplane 2 ATF 2530 Flight Instructor Instrument (CFI-I) Flight - Airplane 2 ATF 2530 Flight Instructor Instrument (CFI-I) Flight - Airplane 3 ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane 4 ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane 5 ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane 5 ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane 5 ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane 5 ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane 5 ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane 5 ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane 5 AIRP 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane 5 AIRP 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane 5 AIRP 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane 5 AIRP 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane 6 ATF 2530 Flight Instructor Instrument (CFI-I) Flight - Airplane 7 Total Required Electives Credits 7 Total Required Electives Credits 7 Total Required Electives Credits 7 Total Program Credits 8 Total Program Credits 9 APF 2500 Flight Instructor Instrument (2FI-I) Flight - Airplane 7 Total Required Electives Credits 9 Total Required Electives Credits 9 Total Required Electives Credits 9 Total Program Credits 8 Arguired Flight 1 Additional Rating Flight 1 Additional Rating Flight 1 Additional Rating Flight 2 Helicopter ATF 2500 Flight Instructor Instrument Rating Flight 2 Helicopter ATF 250	-		11	•	11
Helicopter ATF 2406 Commercial Pilot Multi-Engine Flight - Airplane 1 ATF 2400L Commercial Pilot Multi-Engine Flight - Airplane 2 ATF 2400L Flight Instructor (Initial CFI) Flight - Airplane 1 ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane 2 ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530L Flight Instructor Mult					
ATF 2246 Commercial Pilot Flight 2 Additional Rating Helicopter  ATF 2400 Commercial Pilot Multi-Engine Flight - Airplane 1 ATF 2500 Flight Instructor (Initial CFI) Flight - Airplane 2 ATF 2530 Flight Instructor Instrument (CFI-I) Flight - Airplane 1 ATF 2530 Flight Instructor Instrument (CFI-I) Flight - Airplane 1 ATF 2510 Flight Instructor Multi-Engine (MEI) Flight - Airplane 1 ATF 2510 Flight Instructor Multi-Engine (MEI) Flight - Airplane 1 ATF 2510 Flight Instructor Multi-Engine (MEI) Flight - Airplane 1 ATF 2510 Flight Instructor Multi-Engine (MEI) Flight - Airplane 1 ATF 2510 Flight Instructor Instrument (CFI-I) Flight - Airplane 1 ATF 2510 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine Flight - Airplane ATF 2530 Flight Instructor (Initial CFI) Flight - Airplane ATF 2530 Flight Instructor (Initial CFI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine Flight - Airplane ATF 2530 Flight Instructor (Initial CFI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine (MEI) Flight - Airplane ATF 2530 Flight Instructor Multi-Engine Flight - Airplane ATF 2530 Flight Instructor Multi-Engine Flight - Airplane ATF 2530 Flight Instructor MITE ATF 2530 Flight Instructor MITE ATF 2530 Flight Instructor MIT	ATF 2245		_		_
Helicopter  ATF 2400L Commercial Pilot Multi-Engine Flight - Airplane 1 ATF 2500C Flight Instructor (Initial CFI) Flight - Airplane 2 ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane 1 ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane 1 ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane 1 ECO 2013 Principles of Macroeconomics 3 ECO 2013 Principles of Macroeconomics 3 ECO 2023 Principles of Macroeconomics 3 POS 1001 Introduction to Political Science 3 Total Required Electives Credits 5 Total Program Credits 64  *Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.  CURRENT PROFESSIONAL PILOT - HELICOPTER CONCENTRATION AS 2197H GENERAL EDUCATION REQUIREMENTS CREDITS ENC 1101 College Composition 1 SPC 1017 Fundamentals of Speech Communication 3 PHY 1001 Applied Physics Any course from Humanities - Area II Any Course from Humanities - Area II Any MAC prefix course from Mathematics — Area III Any course from Social Science - Area V Total Required General Education Credits  REQUIRED COURSES ATF 1140C Private Pilot Flight 1 - Helicopter ATF 2340L Commercial Pilot Multi-Engine Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane ATF 2530L Flight Instructor I	ATE 22.46		2	•	2
ATF 2500C Flight Instructor (Initial CFI) Flight - Airplane 2 ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane 1 ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane 1 ATF 2510L Flight Instructor Multi-Engine (MEI) Flight - Airplane 1 ECO 2013 Principles of Macroeconomics 3 ECO 2023 Principles of Macroeconomics 3 MAN 2021 Principles of Management 3 POS 1001 Introduction to Political Science 3 Total Required Electives Credits 5 Total Program Credits 5 Total Program Credits 5 Total Program Credits 64 *Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.  CURRENT PROFESSIONAL PILOT - HELICOPTER CONCENTRATION AS 2197H GENERAL EDUCATION REQUIREMENTS CREDITS ENC 1101 College Composition 1 3 SPC 1017 Fundamentals of Speech Communication 3 PHY 1001 Applied Physics Any course from Humanities - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any MAC prefix course from Mathematics - Area II Any Course from Social Science - Area V ATF 1342L Flight Lab I - Helicopter ATF 1342L Flight Lab I - Helicopter ATF 1342L Instrument Rating Flight 2 - Helicopter ATF 2341L Instrument Rating Fligh	ATF 2246		2		2
ATF 2530L Flight Instructor Instrument (CFI-I) Flight - Airplane 1  ATF 2510L Flight Instructor Multi-Engine (MEI) Flight - Airplane 1  ECO-2013 Principles of Macroeconomics 3 ECO-2023 Principles of Microeconomics 3 AMAN 2021 Principles of Microeconomics 3 AMAN 2021 Principles of Management 3 POS-1001 Introduction to Political Science 3 Total Required Electives Credits 5  Total Program Credits 5  Total Program Credits 5  Total Program Credits 5  Total Program Credits 64  *Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.  CURRENT PROFESSIONAL PILOT - HELICOPTER CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS CREDITS ENC 1101 College Composition 1 SPC 1017 Fundamentals of Speech Communication 3 PHY 1001 Applied Physics Any course from Humanities - Area II Any MAC prefix course from Humanities - Area II 3 Any MAC prefix course from Humanities - Area III 3 Any MAC prefix course from Mathematics - Area III 3 Any Course from Humanities - Area III 3 Any MAC prefix course from Mathematics - Area III 4 Any MAC prefix course from Mathematics - Area III 5 Any Course from Humanities - Area III 5 Any Course from Humanities - Area III 6 Any MAC prefix course from Mathematics - Area III 7 Total Required General Education Credits 8 Any Course from Social Science - Area V 3 Any Course from Social Science - Area V 3 Any Course from Social Science - Area V 3 Any Course from Social Science - Area V 3 Any Course from Social Science - Area V 3 Any Course from Bocial Science - Area V 3 Any Course from Bocial Science - Area V 4 Total Required General Education Credits ATF 1140C Private Pilot Flight 1 - Helicopter ATF 2340L Instrument Rating Flight 2 - Helicopter ATF 2341L Instrument Rating Fl				ATF 2400L Commercial Pilot Multi-Engine Flight - Airplane	1
Airplane ATF 2510L Flight Instructor Multi-Engine (MEI) Flight - Airplane ECO 2013 Principles of Macroeconomics ECO 2023 Principles of Microeconomics 3 MAN 2021 Principles of Microeconomics 3 Total Required Electives Credits  Total Program Credits  *Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.  CURRENT PROFESSIONAL PILOT - HELICOPTER CONCENTRATION AS 2197H  ENC 1101 College Composition 1 SPC 1017 Fundamentals of Speech Communication PHY 1001 Applied Physics Any course from Humanities - Area II Airplane  ATF 2510L Flight Instructor Multi-Engine (MEI) Flight - Airplane  Total Required Electives Credits  Total Program Credits  *Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.  PROPOSED PROFESSIONAL PILOT - HELICOPTER CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS CREDITS ENC 1101 College Composition 1 SPC 1017 Fundamentals of Speech Communication PHY 1001 Applied Physics Any course from Humanities - Area II Any MAC prefix course from Mathematics — Area III Airplane  Total Required Electives Credits  *Students should be advised by the Aeronautical Science Concentration electives.  PROPOSED PROFESSIONAL PILOT - HELICOPTER CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS CREDITS Any Course from Humanities - Area II Any MAC prefix course from Mathematics — Area III Any MAC prefix course from Mathematics — Area III Any Course from Social Science - Area V Total Required General Education Credits  REQUIRED COURSES  ATF 1140C Private Pilot Flight 1 — Helicopter ATF 1342L Flight Lab 1 - Helicopter ATF 1342L Instrument Rating Flight 2 - Helicopter			2		2
ATF 2510L Flight Instructor Multi-Engine (MEI) Flight - Airplane 1 1  ECO 2013	ATF 2530L		1		1
Total Required Electives Credits  ECO 2023 — Principles of Microeconomics 3 MAN 2021 — Principles of Management 3 POS 1001 — Introduction to Political Science 3 Total Required Electives Credits 5  Total Program Credits 5  Total Program Credits 5  Total Program Credits 5  Total Program Credits 64  *Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.  PROPOSED PROFESSIONAL PILOT - HELICOPTER CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS CREDITS ENC 1101 College Composition 1 3 SPC 1017 Fundamentals of Speech Communication PHY 1001 Applied Physics Any course from Humanities - Area II Any MAC prefix course from Mathematics - Area II 3 Any course from Mathematics - Area II 3 Any course from Moscial Science - Area V 7 Total Required General Education Credits 18  REQUIRED COURSES ATF 1140C Private Pilot Flight 1 – Helicopter ATF 2340 Instrument Rating Flight 1 - Helicopter ATF 2341L Instrument Rating Flight 2 - Helicopter ATF 2341L Instrumen	ATF 2510L	Flight Instructor Multi-Engine (MEI) Flight -		ATF 2510L Flight Instructor Multi-Engine (MEI) Flight -	
## Total Required Electives Credits    Total Program Credits	FCO 2012	•			1
Total Program Credits  POS 1001 Introduction to Political Science  Total Required Electives Credits  Total Program Credits  5  Total Program Credits  *Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.  CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS  GENERAL EDUCATION REQUIREMENTS  ENC 1101 College Composition 1  SPC 1017 Fundamentals of Speech Communication PHY 1001 Applied Physics Any course from Humanities - Area II  Any MAC prefix course from Mathematics - Area III  Any course from Social Science - Area V  Total Required General Education Credits  REQUIRED COURSES  ATF 1140C Private Pilot Flight 1 - Helicopter  ATF 2340 Instrument Rating Flight 2 - Helicopter  ATF 2341L Instrument Rating Flight 2 - Helicopter		•	•	Total Required Electives Credits	5
*Students should be advised by the Aeronautical Science Total Required Electives Credits  Total Program Credits  *Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.  *Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.  *Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.  *Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.  *PROPOSED PROFESSIONAL PILOT - HELICOPTER CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS ENC 1101 College Composition 1 SPC 1017 Fundamentals of Speech Communication PHY 1001 Applied Physics Any course from Humanities - Area II Any MAC prefix course from Mathematics - Area III Any MAC prefix course from Mathematics - Area III Any Course from Humanities - Area III Any MAC prefix course from Mathematics - Area III Any MAC prefix course from Mathematics - Area III Any Course from Social Science - Area V Total Required General Education Credits  *Students should be advised by the Aeronautical Science Concentration electives.  *CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS CRED  ENC 1101 College Composition 1 Any MAC prefix course from Mathematics - Area III Any MAC prefix course from Mathematics - Area III Any Course from Social Science - Area V Total Required General Education Credits  *Students should be advised by the Aeronautical Science CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS CRED  ENC 1101 College Composition 1 Any Course from Mathematics - Area III Any MAC prefix course from Mathematics - Area III Any MAC prefix course from Mathematics - Area III Any MAC prefix course from Social Science - Area V  Total Required General Education Credits  **Students Area III Area Private Pilot Flight 1 - Helicopter  ATF 1				Total Program Credits	64
Total Program Credits  *Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.  CURRENT PROFESSIONAL PILOT - HELICOPTER CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS  ENC 1101 College Composition 1  SPC 1017 Fundamentals of Speech Communication PHY 1001 Applied Physics  Any course from Humanities - Area II  Any MAC prefix course from Mathematics - Area III  Any Course from Social Science - Area V  Total Required General Education Credits  ATF 1140C Private Pilot Flight 1 - Helicopter  ATF 2340 Instrument Rating Flight 2 - Helicopter  ATF 2341L Instrument Rating Flight 2 - Helicopter			•		ence
*Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.  CURRENT PROFESSIONAL PILOT - HELICOPTER CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS CREDITS  ENC 1101 College Composition 1  SPC 1017 Fundamentals of Speech Communication 3  SPC 1017 Fundamentals of Speech Communication 3  PHY 1001 Applied Physics 4  Any course from Humanities - Area II 3  Any MAC prefix course from Mathematics - Area III 3  Any MAC prefix course from Mathematics - Area III 3  Any MAC prefix course from Mathematics - Area III 3  Any course from Social Science - Area V 3  Total Required General Education Credits 18  REQUIRED COURSES  ATF 1140C Private Pilot Flight 1 - Helicopter 4  ATF 2340 Instrument Rating Flight 1 - Helicopter 4  ATF 2341L Instrument Rating Flight 2 - Helicopter 4  ATF 2341L Instru			•	Department Chair prior to registering for Professional F	
CURRENT PROFESSIONAL PILOT - HELICOPTER CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS CREDITS  ENC 1101 College Composition 1  SPC 1017 Fundamentals of Speech Communication PHY 1001 Applied Physics Any course from Humanities - Area II  Any MAC prefix course from Mathematics - Area III Any MAC prefix course from Mathematics - Area III Any Course from Social Science - Area V  Total Required General Education Credits  ATF 1140C Private Pilot Flight 1 - Helicopter  CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS CREDITS  ENC 1101 College Composition 1 SPC 1017 Fundamentals of Speech Communication PHY 1001 Applied Physics Any course from Mathematics - Area III Any MAC prefix course from Mathematics - Area III SPC 1017 Fundamentals of Speech Communication Any MAC prefix course from Mathematics - Area III Any MAC prefix course from Social Science - Area V  Total Required General Education Credits  REQUIRED COURSES  ATF 1140C Private Pilot Flight 1 - Helicopter ATF 2340 Instrument Rating Flight 2 - Helicopter ATF 2341L Instrument Rating Flight 2 - Helicopter	Total Progra	am Credits	64	Concentration electives.	
CURRENT PROFESSIONAL PILOT - HELICOPTER CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS CREDITS  ENC 1101 College Composition 1  SPC 1017 Fundamentals of Speech Communication Any MAC prefix course from Mathematics – Area III Any MAC prefix course from Mathematics – Area III Any Course from Humanities - Area II Any Course from Social Science - Area V  Total Required General Education Credits  REQUIRED COURSES  ATF 1140C Private Pilot Flight 1 – Helicopter ATF 1342L Flight Lab 1 - Helicopter ATF 2340 Instrument Rating Flight 2 - Helicopter ATF 2341L Instrument Rating Flight 2 - Helicopter	*Students	should be advised by the Aeronautical S	Science	PROPOSED PROFESSIONAL PILOT - HELICOPTER	
CURRENT PROFESSIONAL PILOT - HELICOPTER CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS  ENC 1101 College Composition 1  SPC 1017 Fundamentals of Speech Communication  PHY 1001 Applied Physics  Any course from Humanities - Area II  Any MAC prefix course from Mathematics - Area III  Any MAC prefix course from Mathematics - Area III  Any MAC prefix course from Mathematics - Area III  Any course from Social Science - Area V  Total Required General Education Credits  REQUIRED COURSES  ATF 1140C Private Pilot Flight 1 - Helicopter  ATF 2340 Instrument Rating Flight 2 - Helicopter  ATF 2341L Instrument Rating Flight 2 - Helicopter					
CURRENT PROFESSIONAL PILOT - HELICOPTER CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS  ENC 1101 College Composition 1  SPC 1017 Fundamentals of Speech Communication  SPC 1017 Fundamentals of Speech Communication 3  SPC 1017 Fundamentals of Speech Communication 3  SPC 1017 Fundamentals of Speech Communication 3  Any MAC prefix course from Mathematics - Area III  Any MAC prefix course from Humanities - Area III  Any MAC prefix course from Mathematics - Area III  Any MAC prefix course from Mathematics - Area III  Any MAC prefix course from Mathematics - Area III  Any Course from Social Science - Area V  Total Required General Education Credits  REQUIRED COURSES  ATF 1140C Private Pilot Flight 1 - Helicopter  ATF 2340 Instrument Rating Flight 1 - Helicopter  ATF 2341L Instrument Rating Flight 2 - Helicopter	Concentratio	on electives.			ITS
CONCENTRATION AS 2197H  GENERAL EDUCATION REQUIREMENTS  ENC 1101 College Composition 1  SPC 1017 Fundamentals of Speech Communication 3 Any MAC prefix course from Mathematics – Area III  Any MAC prefix course from Humanities - Area II  Any MAC prefix course from Mathematics – Area III  Any MAC prefix course from Mathematics – Area III  Any MAC prefix course from Mathematics – Area III  Any MAC prefix course from Mathematics – Area III  Any course from Social Science - Area V  Total Required General Education Credits  REQUIRED COURSES  ATF 1140C Private Pilot Flight 1 – Helicopter  ATF 2340 Instrument Rating Flight 2 - Helicopter  ATF 2341L Instrument Rating Flight 2 - Helicopter	CHIDDENT	DOEESCIONAL DU OT LUCUSOPTED		-	3
GENERAL EDUCATION REQUIREMENTS  ENC 1101 College Composition 1  SPC 1017 Fundamentals of Speech Communication  PHY 1001 Applied Physics  Any course from Mathematics – Area III  Any MAC prefix course from Mathematics – Area III  Any MAC prefix course from Humanities - Area II  Any MAC prefix course from Mathematics – Area III  Any MAC prefix course from Mathematics – Area III  Any Course from Social Science - Area V  Total Required General Education Credits  REQUIRED COURSES  ATF 1140C Private Pilot Flight 1 – Helicopter  ATF 2340 Instrument Rating Flight 2 - Helicopter  ATF 2341L Instrument Rating Flight 2 - Helicopter					3
GENERAL EDUCATION REQUIREMENTSCREDITSENC 1101College Composition 13SPC 1017Fundamentals of Speech Communication3PHY 1001Applied Physics3Any course from Humanities - Area II3Any course from Humanities - Area II3Any MAC prefix course from Mathematics - Area III3Any course from Social Science - Area V3Total Required General Education Credits3ATF 1140CPrivate Pilot Flight 1 - HelicopterATF 1342LFlight Lab 1 - HelicopterATF 2340Instrument Rating Flight 1 - HelicopterATF 2341LInstrument Rating Flight 2 - Helicopter	CONCENTR	ATION AS 219/H			3
Any MAC prefix course from Mathematics – Area III Any course from Humanities - Area III Any MAC prefix course from Mathematics – Area III Any MAC prefix course from Humanities - Area III Any MAC prefix course from Mathematics – Area III Any MAC prefix course from Mathematics – Area III Any course from Social Science - Area V  Total Required General Education Credits  ATF 1140C Private Pilot Flight 1 – Helicopter ATF 1342L Flight Lab 1 - Helicopter ATF 2340 Instrument Rating Flight 2 - Helicopter ATF 2341L Instrument Rating Flight 2 - Helicopter	GENERAL EDU	ICATION REQUIREMENTS CR	EDITS		3
SPC 1017 Fundamentals of Speech Communication PHY 1001 Applied Physics Any course from Humanities - Area II Any MAC prefix course from Mathematics – Area III Any course from Social Science - Area V  Total Required General Education Credits  REQUIRED COURSES  ATF 1140C Private Pilot Flight 1 – Helicopter  ATF 1240L Instrument Rating Flight 2 - Helicopter  ATF 2340 Instrument Rating Flight 2 - Helicopter  ATF 2341L Instrument Rating Flight 2 - Helicopter	ENC 1101	College Composition 1	3		3
Any course from Humanities - Area II  Any MAC prefix course from Mathematics – Area III  Any course from Social Science - Area V  Total Required General Education Credits  REQUIRED COURSES  ATF 1140C Private Pilot Flight 1 – Helicopter  ATF 2340 Instrument Rating Flight 2 - Helicopter  ATF 2341L Instrument Rating Flight 2 - Helicopter	SPC 1017	Fundamentals of Speech Communication		Any course from Social Science - Area V	3
Any course from Humanities - Area II  Any MAC prefix course from Mathematics – Area III  Any course from Social Science - Area V  Total Required General Education Credits  REQUIRED COURSES  ATF 1140C Private Pilot Flight 1 – Helicopter  ATF 1140C Private Pilot Flight 1 – Helicopter  ATF 2340 Instrument Rating Flight 1 - Helicopter  ATF 2341L Instrument Rating Flight 2 - Helicopter				Total Required General Education Credits	18
Any course from Social Science - Area V  Total Required General Education Credits  REQUIRED COURSES  ATF 1140C Private Pilot Flight 1 – Helicopter  ATF 1342L Flight Lab 1 - Helicopter  ATF 2340 Instrument Rating Flight 1 – Helicopter  ATF 2341L Instrument Rating Flight 2 - Helicopter				-	
Total Required General Education Credits  18 ATF 1142C ATF 1342L Flight Lab 1 - Helicopter ATF 1342L ATF 1342L ATF 1342L ATF 1342L Flight Lab 1 - Helicopter ATF 2340 ATF 2340 Instrument Rating Flight 1 - Helicopter ATF 2341L Instrument Rating Flight 2 - Helicopter				•	2
ATF 1342L Flight Lab 1 - Helicopter  REQUIRED COURSES  ATF 1342L Flight Lab 1 - Helicopter  ATF 2340 Instrument Rating Flight 1 - Helicopter  ATF 2341L Instrument Rating Flight 2 - Helicopter	-		_	• • • • • • • • • • • • • • • • • • • •	2
ATF 1140C Private Pilot Flight 1 – Helicopter 2 ATF 2341L Instrument Rating Flight 2 - Helicopter	_		18	ATF 1342L Flight Lab 1 - Helicopter	1
	=			ATF 2340 Instrument Rating Flight 1 - Helicopter	2
ATE 1142C Drivato Bilat Elight 2 Halicantor 2 ATE 2240L Elight Lab 2 Halicantor					1
		Private Pilot Flight 2 - Helicopter	2	ATF 2240L Flight Lab 2 - Helicopter	1
ATF 1342L Flight Lab 1 - Helicopter 1 ATF 2241C Commercial Pilot Flight - Helicopter					2
ATF 2340 Instrument Rating Flight 1 - Helicopter 2 Total Required Courses Credits	A1F 2340	instrument kating Filght 1 - Helicopter	2	Total Required Courses Credits	11

-			1		
	Instrument Rating Flight 2 - Helicopter	1	CORE PROGR	AM REQUIREMENTS	
ATF 2240L	Flight Lab 2 - Helicopter	1	ASC 1101	Aero-Navigation	3
ATF 2241C	Commercial Pilot Flight - Helicopter	2	ASC 1210	Aero-Meteorology	3
Total Requi	red Courses Credits	11	ASC 1310	Aero-Safety and Regulations	3
-	AM REQUIREMENTS		ASC 1640	Propulsion Systems	3
		2	ASC 2550	Aerodynamics	3
ASC 1101	Aero-Navigation	3	ATF 1602C	Flight Simulator	3
ASC 1210	Aero-Meteorology	3	ATT 1100	Private Pilot Ground School	3
ASC 1310	Aero-Safety and Regulations	3	ATT 2120	Instrument Ground School	3
ASC 1640 ASC 2550	Propulsion Systems	3	ATT 2110	Commercial Pilot Ground School	3
	Aerodynamics	3 3	ATT 2131	Flight Instructor Ground School	3
	Flight Simulator		Total Requi	ired Core Program Credits	30
ATT 1100	Private Pilot Ground School	3			
ATT 2120 ATT 2110	Instrument Ground School Commercial Pilot Ground School	3	1	CREDITS REQUIRED)*	
ATT 2110		3	ATF 2231	Commercial Pilot Flight 1 Additional Rating	•
	Flight Instructor Ground School		4.75.0000	Airplane	2
Total Requi	red Core Program Credits	30	ATF 2232	Commercial Pilot Flight 2 Additional Rating	2
<b>ELECTIVES (5</b>	CREDITS REQUIRED)*		ATE 25401	Airplane	2 * 1
ATF 2231	Commercial Pilot Flight 1 Additional Rating			Flight Instructor (Initial CFI) Flight - Helicopter	. 1
	Airplane	2	ATF 2541L	0 , , ,	4
ATF 2232	Commercial Pilot Flight 2 Additional Rating		ATF 2244L	Helicopter	1
	Airplane	2	ATF ZZ44L	Commercial Pilot Night Vision Goggles Flight - Helicopter	1
ATF 2540L	Flight Instructor (Initial CFI) Flight - Helicopter	* 1	ATF 2242L	•	1
ATF 2541L	Flight Instructor Instrument (CFI-I) Flight -		ATT ZZ4ZL	Helicopter	1
	Helicopter	1	ATF 2243	Commercial Pilot Turbine Flight - Helicopter	1
ATF 2244L	Commercial Pilot Night Vision Goggles				
	Flight - Helicopter	1	Total Requi	red Electives Credits	5
ATF 2242L	Commercial Pilot External Load Flight -		Total Progr	am Credits	64
	Helicopter	1	*Students w	vishing to instruct in Robinson helicopters must	also
ATF 2243	Commercial Pilot Turbine Flight - Helicopter	1		41L to meet the requirements of SFAR 73-2. Stud	
	Principles of Macroeconomics	-3		dvised by the Aeronautical Science Department	
	Principles of Microeconomics	3		stering for Professional Pilot Concentration elective	
	Principles of Management	3	'		
POS 1001	Introduction to Political Science	3			
Total Requi	red Electives Credits	5			
Total Progra	am Credits	64			
*Students w	vishing to instruct in Robinson helicopters must	also			
	11L to meet the requirements of SFAR 73-2. Stu				
should be a	dvised by the Aeronautical Science Department	Chair			
prior to regis	stering for Professional Pilot Concentration elective	?S.			ļ
•					

**Justification:** Course Revisions Due to the Florida Senate Bill 1720 the existing prerequisites of prep English courses are no longer allowed for these courses. AS Elective Changes When a student enters this program with an existing degree, the choices of electives are sometimes satisfied with general education courses from that degree. The student needs to take flight electives and be able to use their FA benefits but the fact that the electives are satisfied by other general education courses precludes them from doing so. Therefore, following courses need to be removed from the electives: ECO2013 Principles of Macroeconomics, ECO2023 Principles of Microeconomics, MAN2021 Principles of Management, POS1001 Introduction to Political Science. If the student plans to transfer this degree to a bachelor's degree rather than choosing to immediately pursue a flight career, the Department Chair will evaluate this on a case by case basis.

## **Discussion:**

**Data sources consulted: Curriculum Support Documents** 

**Action:** 

#### G. Motion to Dismiss

Discussion: NA

## **Action:**

The Curriculum agendas and documentation are at <a href="http://intranet.pbcc.edu/AcadServ/CurriculumMaterials.asp">http://intranet.pbcc.edu/AcadServ/CurriculumMaterials.asp</a> and Curriculum Minutes <a href="http://www.palmbeachstate.edu/curriculum-development/minutes.aspx">http://www.palmbeachstate.edu/curriculum-development/minutes.aspx</a> 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
	Garfield Basant, Math-1st Year LW
	Sabrina Greenwell, Education-2nd Year LW
	Peggy Holmes-De Graw, Nursing 2nd Year LW
	Kristin Hopkins, Art-Graphic Design-1st Year LW
	Jihan Mahmoud, BSN-1st Year District
	Judy Maxwell, Aeronautical Science-2nd Year LW
	Marilee McGaughey, Dental Hygiene-2nd Year LW
	Mary Pernal, English-Literature-1st Year PBG
	Mike Sfiropoulos, English for Academic Purposes-3rd Year LW, CHAIR
	Doreen Singer, Surgical Technology PSAV-1st Year LW
	Victor Slesinger, Foreign Languages-1st Year LW
	Vetaley Stashenko, Natural Sciences-1st Year BG
	Administrative Members
	Michael Foster, Academic Dean-2nd Year, BR
	Sheri Goldstein, Assistant Dean Student Services-2nd Year BG
	District Financial Aid Director
	Edward Mueller, District Registrar
	Robert Van Der Velde, Associate Academic Dean-2nd Year PBG
	Kathy Gamble, Academic Services (Non-voting)
	Ginger Pedersen, Dean- Academic Services (Non-voting)

# Presenters: Guests:

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