

Palm Beach State College
Curriculum Committee FYI Agenda
September 22, 2016

II. FYI Information

CCE/Avocational Course Dictionary Actions April 21st through September 13th, 2016

New Avocational and CCE Courses	Title	Clock Hours
BEO0408	Leadership Principles	8
BEO0409	Leadership Principles Plus	24
BEO0410	Leadership 4-Hour Seminar	4
HEO0263	Conscious Discipline “Becoming Brain Smart”	12.5
HEO0264	Phonological Awareness for Prekindergarten	5
NSO0170	Introduction to Professional Nursing	60
POO0553	FDLE Firearms Use of Force	4
POO0554	Substance Abuse Awareness and Education	40
YCO0697	Art Frenzy	24

Revised Avocational and CCE Courses	Title	Changes
CWO0280	Deskside Coaching	Change course title from <i>Deskside Computer Coaching</i> to <i>Deskside Coaching</i> ; Revise course description.
POO0373	Arabic Culture: CJ Specialized	Change course title from <i>Advanced Arabic Culture and Terrorism to Arabic Culture: CJ Specialized</i> ; Change ICS account #13300 to 12703.
POO0405	Suicide Bomber: CJ Specialized	Change course title from <i>Psychology and Social Formation of a Suicide Bomber</i> to <i>Suicide Bomber: CJ Specialized</i> ; Change ICS account #13300 to 12703.
POO0512	CJ Equivalency of Training – Firearms	Change clock hours from 20 to 12; Revise course description.
TIO0127	Welding AWS Certification	Change course title from <i>Welder Certification Prep for AWS (American Welding Society</i> to <i>Welding AWS Certification</i> ; Change special fee from \$175 to \$410; Add \$7.41 medical accident fee; Revise course description.

Five Year Rule Courses: BOT Policy 6Hx-18-2.08 requires a review of courses that have not had enrollment in five years. This policy requires that these courses be inactivated at Palm Beach State and inactivated on the SCNS list of courses for Palm Beach State. The following courses fall under this criteria. Those courses included in programs offered at Palm Beach State must also have related curriculum actions to remove the courses from those programs.

Inactivation of Avocational and CCE Courses 5-Year No Enrollment Rule Effective Fall 2016 (end termed 20163)		
Course ID	Course Title	Clock Hours
AKO0103	Bookkeeping Basics – Part 1	12
AKO0104	Bookkeeping Basics – Part 2	12
AKO0105	Tax Preparer Exam Prep Course	24
AVO0318	Snap N’ Scrap	12
AVO0325	Act the Part	12
AVO0428	Retirement Planning Today	6
AVO0522	Bon Jour Bon Jour: Conversational French	12
AVO0652	Magic for Young Magicians	12
AVO0688	What is Feng Shui	12
AVO0809	Interior Design for YOU!	12
AVO0812	AH-SO! Meet Japan	12
AVO0962	A Life in Pictures	12

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Inactivation of Avocational and CCE Courses 5-Year No Enrollment Rule Effective Fall 2016 (end termed 20163)		
Course ID	Course Title	Clock Hours
BEO0335	Home Based Business Opportunities	8
BEO0352	Workplace Skills for Today's Office	20
BEO0357	Sales Managers Training	6
BEO0358	Social Media is My Business!	8
BEO0363	Using Facebook as a Business Tool	8
BEO0368	Today's Business Etiquette	4
BEO0376	Basic Spanish Conversation	24
CBO0019	Blogging Basics	2
CBO0022	Podcasting Basics	2
CBO0032	Facebook Basics	2
CWO0118	MS Office	24
CWO0147	Flash Fundamentals	12
CWO0193	Computer Troubleshooting	6
CWO0206	EI Internet y Correo Electronico	12
CWO0207	Intro to Joomla!	12
CWO0213	Adobe Photoshop	24
CWO0224	Excel en Espanol	15
CWO0226	Adobe Dreamweaver	24
CWO0235	BIM Intermediate	12
CWO0236	ASP.NET Web Site Building	18
CWO0237	Introduction to WordPress	12
CWO0239	Unlocking the Mystery of Google	4
CWO0240	Intro to Create a Web Page	6
CWO0241	Open Source Solutions	4
CWO0242	Graphic Communications for Business	15
CWO0250	Build Dynamic Website Basic	18
CWO0251	Computer Business Basics for the Office	12
CWO0255	Web Marketing: Affiliate Marketing	2
CWO0262	Joomla 2 – Components, Modules and Plugins	12
CWO0264	A Financial Management Overview for Small Business: QuickBooks	4
EDO0050	FTCE Biology 6-12 SAE Preparation Workshop	8
EDO0082	Pieces of the Autism Puzzle	10
EMO0048	Pre-Hospital Trauma Life Support Renewal	8
FFO0185	Engine Operations	24
FFO0398	Fire/EMS Inservice Training	4
FFO0460	Ground Ladders	4
FFO0465	Hose Line Search Drill and Forcible Entry on Impact Resistant Glass	4
FFO0520	Public Safety Interview Concepts	8
FFO0660	New Vehicle Technology	8
FFO0898	EMS/Fire Inservice Training – Part 6	3
FFO0998	EMS/Fire Inservice Training – Part 7	3
FSO0122	How to Start a Wedding Planning Business	40
FSO0127	Decorador(a) de Pasteles	24
FSO0128	Gumpaste Flowers	16
HEO0110	Preschool Language & Literacy Workshop Series	16
HEO0111	Exploring Infant/Toddler Caregiving Series 1	16
HEO0112	Exploring Infant/Toddler Caregiving Series 2	16
HEO0132	Through the Eyes of a Preschool Child: Adult-Child Interaction	16
HEO0133	Montessori Early Childhood Overview	12

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Course ID	Course Title	Clock Hours
HEO0162	Authentic Assessment and Portfolios	12
HEO0170	PBC – Afterschool Educator Certificate	80
HEO0179	Beyond Centers and Circle Time Overview	12
HEO0222	Child Development & Learning Mod 2	16
HEO0224	Teaching & Learning Mod 2	12
HEO0229	FL Steps to Success: Health, Safety & Nutrition for Early Learners – Part 1 (Online)	12
HOO0102	2 Hour HIV/AIDS Licensure Fulfillment	2
HUS0044	Spiritual Recovery	10
HUS0060	Managing Personality Disorders	4
HUS0069	Ethics and Professional Standards in the Helping Professions	4
HUS0070	Palliative and End-Of-Life Care Issues for Helping Professions	4
HUS0144	Introduction to Chemical Dependency	10
HUS0234	Pharmacology 1	10
HUS0335	Ethical Standards 1	10
HUS0337	Client Evaluation & Assessment	10
HUS0434	Treatment Planning & Coordination	10
HUS0435	Codependent/Other Addictive Behavior	10
HUS0436	Managing Depression/Anxiety	10
HUS0534	Communication Skills	10
HUS0634	Theories of Counseling	10
HUS0682	Acute Substance Abuse	10
HUS0736	Case Management	10
HUS0934	Group Counseling	10
IEO0013	Introduction to Export/Import/Compliance	16
IEO0014	Global Marketing	16
LGO0110	Community Creole (Haitian)	24
LGO0112	Speaking and Listening Strategies for Professional Success	30
LGO0119	Arabic 2	24
LGO0121	Conversational English for Spanish Speakers: Ingles Al Espanol	24
LSO0150	Introduction to the Circle of Energy	2
LSO0151	Circle of Energy Series	8
LSO0152	Healing Chi Kung	2
LSO0153	Meditation for Stress Reduction	2
LSO0154	Herbs as Medicine	2
LSO0155	Integrative Medicine in the Primary Care Setting	10
LSO0161	Integration of Renewables and Distributed Generation	6
LUO0015	Create the Life You Want	16
LUO0048	Piano for the Hopelessly Busy	7.5
LUO0057	Dance ZUMBA! (LU)	7.5
LUO0064	Learn to Let Go of Your Clutter	6
LUO0091	Fitness for Palm Beach State College Students	50
LUO0111	The Artist's Way	12
LUO0127	Creative Writing	18
LUO0137	The Center for Lifetime Learning Spring	36
MTO0119	Infant and Toddler Massage	4
MTO0138	Intro to Body Rolling	12
MTO0154	SPA – Vichy Shower & Exfoliation	6
MTO0155	Introduction to Shiatsu Massage	7

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Inactivation of Avocational and CCE Courses 5-Year No Enrollment Rule Effective Fall 2016 (end termed 20163)		
Course ID	Course Title	Clock Hours
MTO0156	The Kalef 3 Dimensional Therapy	8
MTO0157	Asian Cupping for Spa	7
NSO0302	Perioperative Nursing	138
POO0102	Traffic Accident Reconstruction	80
POO0281	DUI Field Sobriety Test	24
POO0318	Interview Techniques for Traffic Crash Investigators	24
POO0489	Inmate Manipulation	40
POO0497	Managing and Communicating with Inmates and Offenders	40
POO0501	Corrections Equivalency of Training	40
POO0502	The Elusive Enemy: Gypsy Traveler Crimes and the Elderly	16
POO0503	Vulnerable Adult Protocol	2
POO0504	Robbery Investigations	24
POO0506	Defeating the Aggressive Attacker	16
POO0507	Contact and Cover	4
REO0190	14 Hour Real Estate Continuing Education Course	14
REO0800	Condominium Board Certification Seminars	3
REO0807	Condominium Elections	3
TIO0150	Certified Pool & Spa Operator License Prep	16
TIO0353	Mastercam Programming Intro	30
TIO0512	ASE Certification Test Prep in Spanish	64
TIO0514	ASE Certification Test Prep Review	8
TIO0550	LEED Introduction – What is LEED?	3
TIO0802	Building Construction Codes	7
YCO0047	Summer Youth College Idol	24
YCO0105	So You Think You Can Salsa	12
YCO0113	Ethics – Doing the Right Thing	12
YCO0135	The Science of Magic	12
YCO0144	Illustrator for Beginners	12
YCO0145	Kool Moves for Beginners	12
YCO0146	Bugged by Bugs	12
YCO0152	A Trip Through Israel	12
YCO0157	Art in Science Around the World	12
YCO0300	Youth on Campus – Week 1	32
YCO0301	Youth on Campus – Week 2	32
YCO0302	Youth on Campus – Week 3	32

Additional Five Year Rule Actions:

MMC2949C Mass Media Internship 2 (3) and TPA1211 Advanced Stagecraft (3) have not had enrollment since 20112 and are not attached to programs so they were inactivated effective Fall 20171.

ORI2000 Oral Interpretation of Literature (3) has not had enrollment since 20113 and is not attached to programs so it was inactivated effective Fall 20171.

PEO1031C Individual Sports (3) and PEP2101 Essentials of Fitness (3), targeted Five Year Rule Courses will remain open at the request of the Health Sciences Cluster. There are plans to create an AS degree in Physical Health with a concentration in Exercise Science and Fitness Technology that will include these courses. Also, these courses articulate to the FAU major in Exercise Science/Physiology

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Minutes Corrections

10/22/15 I.V.C.-In addition to the course and title changes to the_Sonography AS degree and CCC, the admission narrative for the catalog was also changed:

Current Diagnostic Sonography CCC & AS Admission Requirements in Catalog	Proposed Diagnostic Sonography CCC & AS Admission Requirements in Catalog (in submitted paperwork)
In addition to the General Admission requirements, student must meet the following eligibility criteria to be considered for selection to the program. (Meeting admission criteria does not guarantee acceptance into the program).	In addition to the General Admission requirements, student must meet the following eligibility criteria to be considered for selection to the program. (Meeting admission criteria does not guarantee acceptance into the program).
Attend a mandatory Sonography open house information session;	• Attend a mandatory Sonography open house information session;
Have a cumulative GPA of 2.5 or higher;	• Have a cumulative GPA of 2.5 or higher;
Proof of completion of a two-year allied health education program that is patient care related. Examples include but are not limited to: radiography, respiratory therapy, nursing, dental hygienist and paramedic with the "required classes for selection consideration" (see below);	• Proof of completion of a two-year allied health education program from an accredited institution that is patient care related. Examples include but are not limited to: radiography, respiratory therapy, nursing, dental hygienist and paramedic with the "required classes for selection consideration" (see below);
or	or
A Bachelor degree with "required classes for selection consideration" (see below). Those applicants who have a Bachelor's degree are required to have direct patient-care experience (minimum of one year) or complete HSC2204 or HSC2531;	• Proof of completion of an allied health education program from an accredited institution that is patient care related but less than two years, including but not limited to: CNA and EMT with the "required classes for selection consideration" (see below);
or	or
Proof of completion of an allied health education program from an accredited institution that is patient care related but less than two years, including but not limited to: medical assistant and EMT - PLUS one year of direct patient care employment with the "required classes for selection consideration" (see below);	Completion of a basic Nursing Assistant or Patient Care Assistant course from an accredited institution and the "required classes for selection consideration" (see below); (Program MUST have a documented clinical component)
	*REQUIRED CLASSES for selection consideration – ENC1101 English Composition I or SPC1017 Fundamentals of Speech Communication, College Algebra (or higher course from Mathematics - Area III), Anatomy & Physiology I with Lab completed within the last 10 academic years.**& Applied Physics (students who have completed an accredited radiology program may use radiographic physics to fulfill the applied physics)
Submit a completed Sonography program application, located on the program website, and pay the application fee by the deadline.	• Submit a completed Sonography program application, located on the program website, and pay the application fee by the deadline.

1/14/16 IV.D.2.-The following course actions were updated due to transition needs of students in the Machining Technology PSAV program(5459):

PMT0251	Introduction to CNC Machining	Fall 20171	120
PMT0265	Machining Technologies	Summer 20173	60
PMT0290	Machining Field Experience 1	Summer 20173	120
PMT0291	Machining Field Experience 2	Summer 20173	60

1/14/16 IV.D.3.- Lynn Gomes-Highsmith asked for the Occupational Completion Point (OCP) designations for the welding program to be removed from the catalog and Panthernet since they were not accurate and did not reflect current information about training benchmarks for students. Dr. Pedersen approved this correction to the January agenda item.

Welding Technology PSAV (5460)	Welding Technology PSAV (5460)
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Required Courses		Clock Hours: 1,050	Required Courses		Clock Hours: 1,050
	Group A		PMT0108	Introduction to Welding	120
PMT0108	Introduction to Welding	120	PMT0109	Introduction to Welding 2	120
PMT0109	Introduction to Welding 2	120	PMT0126	Shielded Metal Arc Welding	120
	Group B		PMT0127	Shielded Metal Arc Welding Advanced	120
PMT0126	Shielded Metal Arc Welding	120	PMT0147	Gas Metal Arc Welding	120
PMT0127	Shielded Metal Arc Welding Advanced	120	PMT0143	Flux Cored Arc Welding	120
	Group C		PMT0150	Gas Tungsten Arc Welding	120
PMT0147	Gas Metal Arc Welding	120	PMT0151	Gas Tungsten Arc Welding - Advanced	120
	Group D		PMT0074	Practical Welding Applications	90
PMT0143	Flux Cored Arc Welding	120	Total Program Clock Hours: 1,050		
	Group E				
PMT0150	Gas Tungsten Arc Welding	120			
PMT0151	Gas Tungsten Arc Welding - Advanced	120			
	Group F				
PMT0074	Practical Welding Applications	90			
Total Program Clock Hours: 1,050					

1/28/16VI.C.3. Surgical Technology PSAV The following course actions were corrected per department request:

Revised Courses

Effective January 2017 (20172)

STS0121 Surgical Specialties 2; Changed clock hours from 32 to 48 32
 STS0256L Surgical Specialties 2 Clinical is not revising the course description as indicated. It is changing clock hours from 184 to 441 184

Deleted Courses

Last Term Offered

STS 0949C Clinical Practicum **August 2016 (20171)** 185

4/28/16 IV.B. COP2664 iOS Programming course title should change to iOS App Programming

4/28/16 IV.D. Medical Transcription-The title revision has changed to the following:

Revised Program

Effective January 2017 (20172)

Current Medical Transcription ATD (B530)	Proposed Healthcare Documentation/Transcription ATD (B530)
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Housekeeping

Heavy Equipment Mechanics PSAV (5456) – A review by Ginny Rizzo, PBSC Safety and Risk Coordinator, determined that three courses in the Heavy Equipment Mechanics PSAV program were being assessed Professional Liability insurance in error.

DIM0840 Introduction to Heavy Equipment Mechanic (PSAV)

DIM0841 Heavy Equipment Mechanic Systems (PSAV)

DIM0849 Drive Train Systems in Heavy Equipment 2 (PSAV)

After checking with the Belle Glade program coordinator, it was determined that these courses were not likely to need this insurance in the future, so the fees were removed from the courses effective August 2016 (20171). One course at the time (DIM0849) had one student enrolled for fall term. This student was contacted with the news that the fees had been removed and the student fees reassessed.

ENC1121/ENC1122 ENC1121 Honors College Composition 1 and ENC1122 Honors College Composition 2 were inactivated based on a decision that the Statewide Course Numbering (SCNS) would no longer designate AA General Ed course credit but rather students are required to take an honors version of ENC1101 and ENC 1102 to receive this credit. A course review discovered that these inactivated courses were still part of the narrative pre or coreq statement of several courses in the catalog and the course dictionary. It was decided these course designations would stay a choice in the pre/coreq panel for those who took the old Honors versions in the past but to clean up the catalog description, the reference to ENC1121 and ENC1122 was removed from the following Catalog course descriptions:

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<u>ENC1121</u>	ENC1141	LIT2120
AML2010	ENL2012	LIT2190
AML2020	ENL2022	LIT2370
AML2600	FIL2100	LIT2380
AML2631	IDH2105	MMC1112
CRW2001	LIT2050	SLS2261
CRW2100	LIT2090	<u>ENC1122</u>
ENC1102	LIT2110	GEB3213

SCNS Action

HVAC PSAV (5267) After a long delay, Statewide Course Numbering System (SCNS) determined that the title, contact hours and course description change of ACR0510 HVAC/R Tools and Component Fabrication warranted a course number change to ACR0549. Since a course conversion was not possible because early registration had started and students were enrolled in the ACR0510 version, an independent course record was approved by the VPAA and created. Students enrolled in ACR0510 were moved to ACR0549. Subsequently, ACR0530 Air-Conditioning, Refrigeration and Heating Mechanic Assistant 1 was also revised to allow students with prerequisites of either ACR0510 or ACR0549 to enroll in this course. MMC1100 Basic News Writing for Mass Media (AA) changed to MMC1112: Statewide Course Numbering System (SCNS) in the course of a course review communicated to Palm Beach State that this course needed to change course numbers to comply with state course leveling rules. This change was effective August 2016 (20171). TPP1600 Playwriting (AA) changed to TTP1602 due to State course leveling rules. This was enacted as of January 2017 (20172).

VPAA/DBOT Action

Reactivation of MVW2325R-Music-Applied-Private Instruction Saxophone Sect S: Michael MacMullen asked that a recent Five Year Rule course be reactivated effective August 20171. Justification: Applied lessons are specific to each instrument and level and are offered according to the needs of the music student population. This class became in active because we have not had a sophomore level saxophone student for several years. However, we currently have an applied saxophone student who has completed two semesters of the freshman level class and is ready to begin the sophomore level class. Dr. Pedersen approved this action effective August 2016 (20171)

Aeronautical Science- In further compliance with a Veteran Affairs Benefits directive related to the Suspended Aeronautical Science AS degrees and Professional Pilot Credit Certificate, a Catalog Addendum dated June 14, 2016 was approved by the District Board of Trustees to reflect the following program changes mandated by the VA: "Program revision effective July 31, 2016 per Veterans Administration (VA) IHL Advisory requiring all AS Degree programs in Aeronautical Science with VA funded students remove Private Pilot courses from the degree course listing by August 1, 2016. (See attached Addendum)

DBOT Approval of New/Revise/Deleted Programs: The following program actions were approved by PBSC District Board of Trustees.

Curriculum Date	Program Action and Effective Date	Program Length	Units	CIP #	DBOT 2nd Read Approval
January 14, 2016	Delete Program- Insurance Customer Support Specialist PSAV (5497) effective August 2016 (20171)	40 clock hours	NA	0252190807	June 14, 2016
January 14, 2016	Delete Program- Real Estate Broker PSAV (5475) effective August 2016 (20171)	72 clock hours	NA	0252150106	June 14, 2016
January 28, 2016	New Program-Environmental Science Technician CCC (6561) effective August 2016 (20171)	30 credits	64 weeks	0703010407	June 14, 2016
January 28, 2016	New Program-Hazardous Materials Specialist CCC (6560) effective August 2016 (20171)	14 credits	32 weeks	0703010403	June 14, 2016

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Curriculum Date	Program Action and Effective Date	Program Length	Units	CIP #	DBOT 2nd Read Approval
February 19, 2016	Conversion of Emergency Services Technician EMT-B-ATD (B217) to Emergency Services Technician EMT-B CCC (6446) effective August 2016 (20171)	12 credits	16 weeks	0351090403 to 0351090415	June 14, 2016
February 19, 2016	Delete Program- Plumbing Apprenticeship PSAV (5174) effective January 2016 (20172)	PSAV	NA	0846050302	June 14, 2016
March 17, 2016	New Concentration- Business Administration and Management AS- Risk Management and Insurance Concentration (2039R) effective August 2016 (20171)	60 credits	2 years	1552020102	June 14, 2016
April 28, 2016	New Program-Cinematography CCC (6291) effective January 2017 (20172)	16 credits	32 weeks	0650060204	August 9th 2016
April 28, 2016	New Program-Directing and Producing CCC (6292) effective January 2017 (20172)	16 credits	32 weeks	0650060206	August 9th 2016
April 28, 2016	New Program-Biotechnology Lab Specialist CCC (6160) effective January 2017 (20172)	30 credits	64 weeks*	0341010101	August 9th 2016
April 28, 2016	New Program-Graphic Design Support CCC (6290) effective January 2017 (20172)	15 credits	32 weeks	0611080302	August 9th 2016

*Estimate-no gainful employment information submitted.

Addenda for Catalog 2016-17

ADDENDUM JUNE 14, 2016

Program revision effective July 31, 2016 per Veterans Administration (VA) IHL Advisory requiring all AS Degree programs in Aeronautical Science with VA funded students remove Private Pilot courses from the degree course listing by August 1, 2016.

Aeronautical Science-Helicopter Concentration AS

- [Overview](#)
- [Required Courses](#)
- [Careers](#)

Aeronautical Science Professional Pilot Helicopter Concentration (AS 2197H)

NOTE: THIS PROGRAM IS SUSPENDED AND NO LONGER ACCEPTING NEW STUDENTS. (In May 2015 this program changed from FAA CFR 61 to 141. In January, 2016 the Veterans Administration State Approving Agency (SAA) ruled that private pilot training included in this program would continue to be listed in the program but the courses were to be discontinued and students will no longer be allowed to enroll or continue in the affected courses by the established deadline of August 16, 2016. All, students currently in the Aeronautical Science degree programs must maintain continuous enrollment in the program during fall and spring semesters to maintain continued VA eligibility in the program.)

Type of Award

AS - Associate in Science

Program Website

www.palmbeachstate.edu/programs/Aeroscience

Program Description

This program is designed to train the student for a career as a professional pilot. Upon completion of the Helicopter degree concentration, the student will possess an FAA Commercial Rotorcraft, Helicopter Land license. The student may choose as electives, the Flight Instructor licenses.

Students enrolled in this program must comply strictly with the Federal Aviation Administration requirements for flight and ground instruction under 14 CFR 141. All flight time will be logged and certified by an FAA certified flight instructor. Each FAA license and/or rating requires passing an FAA knowledge test and FAA practical test. The courses taught at Palm Beach State will prepare the student for these tests; however, the FAA license or rating is not required to complete the courses. It is the students' responsibility to schedule and successfully complete the FAA checkride on their own in order to meet the prerequisite of the next flight class.

In order to get college credits for FAA licenses and/or ratings already held, the student must be enrolled in this program and must have accumulated at least 16 hours of college credits from courses within this program. Please see the following Web page for more information: www.palmbeachstate.edu/prior-learning/Prof-Pilot-License-Credit-Equivalency

For a list of flight schools that are currently affiliated with Palm Beach State for flight training, and other information, refer to Aeronautical Science Advisory Guide located on the following website

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www.palmbeachstate.edu/programs/Aeroscience

Program Learning Outcomes

For detailed information, visit www.palmbeachstate.edu/learningoutcomes/Program-Learning-Outcomes.

Admission Requirements

To be admitted into this program the student must:

- Have a high standard high school diploma or GED;
 - Complete an Application for Admission, located at: www.palmbeachstate.edu/admissions/Admissions-Applications.aspx.
 - Attend a regularly scheduled Flight Training Orientation Session. At the session, the student must be prepared to present the following documents:
 - Have a PantherCard (Palm Beach State student ID)
 - Proof of US citizenship documents or Transportation Security Administration (TSA) approval. For non-US citizens, the TSA approval process could take as long as 120 days to complete. See the following website for more information: www.flightschoolcandidates.gov
 - Have a 1st, 2nd, or 3rd class FAA medical from an Aviation Medical Examiner (AME) before beginning any flight training. See www.faa.gov/pilots/amelocator for a listing of all current AMEs
 - **The student show proof of having a Private Pilot's license to enroll**
-

Completion Requirements

Students must successfully complete all courses listed in the catalog for this program.

Program Length

Total program credits: 64. Approximate program length: 18 months.

Location

The program is offered at the Lake Worth campus (ground school and aviation classes) and at local airports (flight classes).

For More Information

Judy Maxwell, maxwelja@PalmBeachState.edu, (561) 868-3474

To see when the course is offered, click the course number. To see a course description, click the course title.

General Education Courses	Credits: 18
ENC1101	College Composition 1
	3

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	Any MAC prefix course from Mathematics - Area III	3
SPC1017	Fundamentals of Speech Communication	3
	Any course from Humanities - Area II	3
	Any course from Social Science - Area V	3
	Any PHY prefix course from Natural Science Area IV	3
Core Program Requirements		Credits: 30
ASC1101	Aero-Navigation	3
ASC1210	Aero-Meteorology	3
ASC1310	Aero-Safety and Regulations	3
ASC1640	Propulsion Systems	3
ASC2550	Aerodynamics	3
ATF1602C	Flight Simulator	3
ATT1100	Private Pilot Ground School	3
EGN1002C	Introduction to Engineering	3
ATT2120	Instrument Ground School	3
ATT2110	Commercial Pilot Ground School	3
ATT2131	Flight Instructor Ground School	3
Required Courses		Credits: 11
ATF1140 A	Private Pilot Flight 1 – Helicopter – Ground	2
ATF1142 A	Private Pilot Flight 2 – Helicopter – Flight	2
AST1002	Descriptive Astronomy	3
AST1002L	Descriptive Astronomy Lab	1
ATF1342LA	Commercial Helicopter 1-Ground	1
ATF2340 A	Instrument Rating Flight 1 - Helicopter-Ground	2
ATF2341LA	Instrument Rating Flight 2 - Helicopter-Flight	1
ATF2240LA	Commercial Pilot Flight 2 - Helicopter Cross Country	1
ATF2241 A	Commercial Pilot Flight - Helicopter-Flight	2
Electives - 5 Credits Required		Credits: 5
ATF2540LA	Flight Instructor (Initial CFI) Flight - Helicopter *	2

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ATF2541LA	Flight Instructor Instrument (CFI-I) Flight - Helicopter	1
ATF2244 A	Commercial Pilot Night Vision Goggles Flight - Helicopter	1
ATF2242LA	Commercial Pilot External Load Flight - Helicopter	1
ATF2243 A	Commercial Pilot Turbine Flight - Helicopter	(1)
	-or-	
	Any AA or AS course approved by the Department Chair	

Total Program Credits: 64

*Students wishing to instruct in Robinson Helicopters must also take ATF2541L to meet the requirements of SFAR 73-2. Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.

Employment Opportunities

Students who successfully complete this program are qualified to fly as a professional pilot. However, most major airlines, charter companies and private aircraft owners require more experience. We suggest that the student of this program choose all FAA Flight Instructor courses as their electives. Once these licenses are successfully attained, the student will qualify for a job as a flight instructor in order to build the flight experience required for these major flying careers.

Career Path Notes

Palm Beach State currently has a Transfer Agreement with Embry-Riddle Aeronautical University which will allow the student who successfully completes this program to transfer the credits toward a Bachelor of Science in Professional Aeronautics and/or Technical Management.

Career Center

www.palmbeachstate.edu/Career

For more information about employment opportunities including job outlook and salary information visit:

Occupational Outlook Handbook: <http://www.bls.gov/oco/>

O-Net Online: <http://online.onetcenter.org/>

Program revision effective July 31, 2016 per Veterans Administration (VA) IHL Advisory requiring all AS Degree programs in Aeronautical Science with VA funded students remove Private Pilot courses from the degree course listing by August 1, 2016.

Aeronautical Science-Operations Concentration AS

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- [Required Courses](#)
- [Careers](#)

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Aeronautical Science - Operations Concentration (AS 2172)

NOTE: THIS PROGRAM IS SUSPENDED AND NO LONGER ACCEPTING NEW STUDENTS. (In May 2015 this program changed from FAA CFR 61 to 141. In January, 2016 the Veterans Administration State Approving Agency (SAA) ruled that private pilot training included in this program would continue to be listed in the program but the courses were to be discontinued and students will no longer be allowed to enroll or continue in the affected courses by the established deadline of August 16, 2016. All students currently in the Aeronautical Science degree programs must maintain continuous enrollment in the program during fall and spring semesters to maintain continued VA eligibility in the program.)

Type of Award

AS - Associate in Science

Program Website

www.palmbeachstate.edu/programs/Aeroscience

Program Description

This program is designed to train the student for a career in aviation management. There are two options that the student can choose from: Operations or Maintenance.

The Maintenance Option is designed to allow the individual who currently holds an FAA Airframe and Powerplant license (A&P) to pursue a two-year degree that will provide management skills and knowledge for advancement within the aviation maintenance industry. Students pursuing the Maintenance Concentration must possess an A&P license prior to being admitted into this program.

The Operations Option is designed to prepare the student to become proficient in planning, organizing, directing and controlling an aviation-related business. This course of study includes the following topics: the organizational and human aspects of business management, application of the principles of business, economic resource management and decision making.

Program Learning Outcomes

For detailed information, visit www.palmbeachstate.edu/learningoutcomes/Program-Learning-Outcomes.

Admission Requirements

To be admitted into this program the student must:

- Complete a college application;
 - Have a high school diplomas or equivalent GED;
 - For the Maintenance Management Concentration, possess an FAA A&P license.
-

Completion Requirements

Students must successfully complete all courses listed in the catalog for this program.

Program Length

Total program credits: 64. Approximate program length: two years.

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Location

The program is offered at the Lake Worth campus.

For More Information

Judy Maxwell, maxwelja@PalmBeachState.edu, (561) 868-3474

To see when the course is offered, click the course number. To see a course description, click the course title.

General Education		Credits: 18
ENC1101	College Composition 1	3
	Any MAC prefix course from Mathematics - Area III	3
SPC1017	Fundamentals of Speech Communication	3
PHY1001	Applied Physics	3
	Any course from Humanities - Area II	3
	Any course from Social Science - Area V	3
Required Courses		Credits: 22
ACG2022	Financial Accounting	4
ASC1210	Aero-Meteorology	3
ASC1310	Aero-Safety and Regulations	2
ATT1100	Private Pilot Ground School	3
EGN1002C	Introduction to Engineering	3
MAR2011	Principles of Marketing	3
BUL2241	Business Law I	3
CGS1100	Microcomputer Applications	3

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Maintenance Operations Courses		Credits: 24
	Choose one of the following options:	
	Maintenance Operations	
AMT1933	Airframe and Power Plant Certification	24
-OR-		Credits:
	OR	
Flight Operations Courses		Credits: 24
	Flight Operations	
ECO2013	Principles of Macroeconomics	3
ECO2023	Principles of Microeconomics	3
GEB1011	Introduction to Business	3
MAN2021	Principles of Management	3
MNA2100	Human Relations in Business	3
GEB2214	Business Communications	3
POS1001	Introduction to Political Science	3
ENT1000	Fundamentals of Entrepreneurship	3
Total Program Credits: 64		

Career Path Notes

Palm Beach State currently has a Transfer Agreement with Embry-Riddle Aeronautical University which will allow the student who successfully completes this program to transfer the credits to ERAU toward a Bachelor of Science in Professional Aeronautics, Technical Management and/or Aviation Maintenance Management.

Career Center

www.palmbeachstate.edu/Career

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For more information about employment opportunities including job outlook and salary information visit:

Occupational Outlook Handbook: <http://www.bls.gov/oco/>

O-Net Online: <http://online.onetcenter.org/>

Program revision effective July 31, 2016 per Veterans Administration (VA) IHL Advisory requiring all AS Degree programs in Aeronautical Science with VA funded students remove Private Pilot courses from the degree course listing by August 1, 2016.

Aeronautical Science-Professional Pilot Concentration AS

- [Overview](#)
 - [Required Courses](#)
 - [Careers](#)
-

Aeronautical Science Professional Pilot Airplane Concentration (AS 2197A)

NOTE: THIS PROGRAM IS SUSPENDED AND NO LONGER ACCEPTING NEW STUDENTS. (In May 2015 this program changed from FAA CFR 61 to 141. In January, 2016 the Veterans Administration State Approving Agency (SAA) ruled that private pilot training included in this program would continue to be listed in the program but the courses were to be discontinued and students will no longer be allowed to enroll or continue in the affected courses by the established deadline of August 16, 2016. All students currently in the Aeronautical Science degree programs must maintain continuous enrollment in the program during fall and spring semesters to maintain continued VA eligibility in the program.)

Type of Award

AS - Associate in Science

Program Website

www.palmbeachstate.edu/programs/Aeroscience

Program Description

This program is designed to train the student for a career as a professional pilot. Upon completion of the Airplane degree concentration, the student will possess an FAA Commercial Airplane Single Engine Land license. The student may choose as electives, the Flight Instructor licenses.

Students enrolled in this program must comply strictly with the Federal Aviation Administration requirements for flight and ground instruction under 14 CFR 141. All flight time will be logged and certified by an FAA certified flight instructor. Each FAA license and/or rating requires passing an FAA knowledge test and FAA practical test. The courses taught at Palm

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Beach State will prepare the student for these tests; however, the FAA license or rating is not required to complete the courses. It is the students' responsibility to schedule and successfully complete the FAA checkride on their own in order to meet the prerequisite of the next flight class.

In order to get college credits for FAA licenses and/or ratings already held, the student must be enrolled in this program and must have accumulated at least 16 hours of college credits from courses within this program. For more information: www.palmbeachstate.edu/prior-learning/Prof-Pilot-License-Credit-Equivalency.

For a list of flight schools that are currently affiliated with Palm Beach State for flight training, and other information, refer to the Aeronautical Science Advisory Guide located on the following website: www.palmbeachstate.edu/programs/Aeroscience.

Program Learning Outcomes

For detailed information, visit www.palmbeachstate.edu/learningoutcomes/Program-Learning-Outcomes.

Admission Requirements

To be admitted into this program the student must:

- Have a high standard high school diploma or GED;
 - Complete an Application for Admission, located at: www.palmbeachstate.edu/admissions/Admissions-Applications.aspx
 - Attend a regularly scheduled Flight Training Orientation Session. At the session, the student must be prepared to present the following documents:
 - Have a PantherCard (Palm Beach State student ID)
 - Proof of US citizenship documents or Transportation Security Administration (TSA) approval. For non-US citizens, the TSA approval process could take as long as 120 days to complete. See the following website for more information: www.flightschoolcandidates.gov
 - Have a 1st, 2nd, or 3rd class FAA medical from an Aviation Medical Examiner (AME) before beginning any flight training. See www.faa.gov/pilots/amelocator for a listing of all current AMEs
 - **The student show proof of having a Private Pilot's license to enroll.**
-

Completion Requirements

Students must successfully complete all courses listed in the catalog for this program.

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Program Length

Total program credits: 64. Approximate program length: 18 months.

Location

The program is offered at the Lake Worth campus (ground school and aviation classes) and at local airports (flight classes).

For More Information

Judy Maxwell, maxwelja@PalmBeachState.edu, (561) 868-3474

To see when the course is offered, click the course number. To see a course description, click the course title.		
General Education Courses		Credit: 18
ENC1101	College Composition 1	3
	Any MAC prefix course from Mathematics - Area III	3
SPC1017	Fundamentals of Speech Communication	3
	Any course from Humanities - Area II	3
	Any course from Social Science - Area V	3
	Any PHY prefix course from Natural Science Area IV	3
Core Program Requirements		Credit: 30
ASC1101	Aero-Navigation	3
ASC1210	Aero-Meteorology	3
ASC1310	Aero-Safety and Regulations	3
ASC1640	Propulsion Systems	3
ASC2550	Aerodynamics	3

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ATF1602C	Flight Simulator	3
ATT1100	Private Pilot Ground School	3
EGN1002C	Introduction to Engineering	3
ATT2120	Instrument Ground School	3
ATT2110	Commercial Pilot Ground School	3
ATT2131	Flight Instructor Ground School	3
Required Courses		Credit: 11
ATF1111A	Private Pilot Flight 1 – Airplane Ground	2
ATF1112A	Private Pilot Flight 2 – Airplane Flight	2
AST1002	Descriptive Astronomy	3
AST1002L	Descriptive Astronomy Lab	1
ATF1150LV	Commercial Pilot Flight 1-Airplane-Ground	1
ATF2300A	Instrument Rating Flight 1 - Airplane-Ground	2
ATF2302LA	Instrument Rating Flight 2 - Airplane-Flight	1
ATF2250LA	Commercial Pilot Flight 2-Airplane-Cross Country	1
ATF2204CA	Commercial Pilot Flight 3 - Airplane	2
Electives - 5 Credits Required		Credit: 5
ATF2500LA	Flight Instructor (Initial CFI) Flight - Airplane	2
ATF2530LA	Flight Instructor Instrument (CFI-I) Flight - Airplane	1
ATF2245CA	Commercial Pilot Flight 1 Additional Rating - Helicopter	2
ATF2510LA	Flight Instructor Multi-Engine (MEI) Flight - Airplane	(1)

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	-or-	
	Any AA or AS course approved by the Department Chair	
Total Program Credit: 64		
*Students should be advised by the Aeronautical Science Department Chair prior to registering for Professional Pilot Concentration electives.		

Employment Opportunities

Students who successfully complete this program are qualified to fly as a professional pilot. However, most major airlines, charter companies and private aircraft owners require more experience. We suggest that the student of this program choose all Flight Instructor courses as electives. Once these licenses are successfully attained, the student will qualify for a job as a Flight Instructor in order to build the flight experience required for these major flying careers.

Career Path Notes

Palm Beach State currently has a Transfer Agreement with Embry-Riddle Aeronautical University which will allow the student who successfully completes this program to transfer the credits toward a Bachelor of Science in Professional Aeronautics and/or Technical Management.

Career Center

www.palmbeachstate.edu/Career

For more information about employment opportunities including job outlook and salary information visit:

Occupational Outlook Handbook: <http://www.bls.gov/oco/>

O-Net Online: <http://online.onetcenter.org/>

Program revision effective July 31, 2016 per Veterans Administration (VA) IHL Advisory requiring all AS Degree programs in Aeronautical Science with VA funded students remove Private Pilot courses from the degree course listing by August 1, 2016.

Commercial Pilot-Airplane CCC

- [Overview](#)
- [Required Courses](#)
- [Careers](#)

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Commercial Pilot Airplane Concentration (6164A)

NOTE: THIS PROGRAM IS SUSPENDED AND NO LONGER ACCEPTING NEW STUDENTS. (In May 2015 this program changed from FAA CFR 61 to 141. In January, 2016 the Veterans Administration State Approving Agency (SAA) ruled that private pilot training included in this program would continue to be listed in the program but the courses were to be discontinued and students will no longer be allowed to enroll or continue in the affected courses by the established deadline of August 16, 2016. All students currently in the Aeronautical Science degree programs must maintain continuous enrollment in the program during fall and spring semesters to maintain continued VA eligibility in the program.)

Type of Award

CCC - College Credit Certificate

Program Website

www.palmbeachstate.edu/programs/Aeroscience

Program Description

This program is designed to train the student for a career as a professional pilot. Upon completion of this program, the student will possess an FAA Commercial Airplane Single and Multi Engine Land license. As of May 2015, Veteran's Administration education benefits are not authorized for this program.

Students enrolled in this program must comply strictly with the Federal Aviation Administration requirements for flight and ground instruction under 14 CFR 141. All flight time must be logged and certified by an FAA certified flight instructor. Each FAA license and/or rating requires passing an FAA knowledge test and FAA practical test. The courses taught at Palm Beach State will prepare the student for these tests; however, the FAA license or rating is not required to complete the courses. It is the students' responsibility to schedule and successfully complete the FAA checkride on their own in order to meet the prerequisite of the next class.

In order to get college credits for FAA licenses and/or ratings already held, the student must be enrolled in this program and must have accumulated at least 16 hours of college credits from courses within this program. Please see the following Web page for more information: www.palmbeachstate.edu/prior-learning/Prof-Pilot-License-Credit-Equivalency.

For a list of flight schools that are currently affiliated with Palm Beach State for flight training, please go to www.palmbeachstate.edu/programs/Aeroscience .

Admission Requirements

To be admitted into this program, the student must:

Have a standard high school diploma or GED;

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

Attend a regularly scheduled flight training orientation session. At the session the student must be prepared to present the following documents:

Have a Panthercard (Palm Beach State student ID)

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Proof of citizenship documents or Transportation Security Administration (TSA) approval prior to beginning any flight training. For non-US citizens, the TSA approval process could take as long as two months to complete. For more information see the following website, www.flightschoolcandidates.gov
Have a 1st, 2nd, or 3rd class FAA medical from an Aviation Medical Examiner (AME) before beginning any flight training. The FAA medical certificate must be presented to the aviation program manager before flight training can be initiated. All current AMEs can be found at <http://www.faa.gov/pilots/amelocator>.
The student show proof of having a Private Pilot's license to enroll.

Completion Requirements

Students must successfully complete all courses listed in the catalog for this program.

Program Length

This program can be finished in two major semesters.

Location

This program is offered at the Lake Worth campus and local airports.

For More Information

Judy Maxwell, maxwelja@PalmBeachState.edu, (561) 868-3474

To see when the course is offered, click the course number. To see a course description, click the course title.

Required Courses		Credits: 11
<u>ATF1111 A</u>	<u>Private Pilot Flight 1 - Airplane-Ground</u>	2
<u>ATF1112 A</u>	<u>Private Pilot Flight 2 - Airplane-Flight</u>	2
AST1002	Descriptive Astronomy	3
AST1002L	Descriptive Astronomy	1
<u>ATF1150LV</u>	<u>Commercial Pilot Flight 1-Ground</u>	1
<u>ATF2300 A</u>	<u>Instrument Rating Flight 1 - Airplane-Ground</u>	2
<u>ATF2302LA</u>	<u>Instrument Rating Flight 2 - Airplane-Flight</u>	1

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ATF2250LA	Commercial Pilot Flight 2-Cross Country	1
ATF2204CA	Commercial Pilot Flight - Airplane-Flight	2
Electives		Credits: 1
	(1 Credit Required)	
	Elective	1
ATT2131	Flight Instructor Ground School	3
ATF2500LA	Flight Instructor (Initial CFI) Flight - Airplane	2
ASC1101	Aero-Navigation	3
ASC1210	Aero-Meteorology	3
ASC1310	Aero-Safety and Regulations	3
ASC1640	Propulsion Systems	3
ASC2550	Aerodynamics	3
Certificate Core Requirements		Credits: 12
ATF1602C	Flight Simulator	3
ATT1100	Private Pilot Ground School	3
ATT2120	Instrument Ground School	3
ATT2110	Commercial Pilot Ground School	3
Total Program Credits: 24		

Employment Opportunities

Students that successfully complete this program are qualified to fly as a professional pilot. However, most major airlines, charter companies and private aircraft owners require more experience. Graduates of this program should continue to get the Associate of Science Degree that will include all FAA Flight Instructor licenses. Once these licenses are successfully attained, then the student can build flight experience required for these major flying careers.

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Gainful Employment

For more information about graduation rates, the median debt of students who completed the program, and other related information, see www.palmbeachstate.edu/areasofstudy/GainfulEmployment.

Career Path Notes

Palm Beach State currently has Transfer Agreement with Embry-Riddle Aeronautical University which will allow the student who successfully completes the A.S. degree in Aeronautical Science to transfer the credits toward a Bachelor of Science in Professional Aeronautical and Technical Management.

Career Center

www.palmbeachstate.edu/Career

For more information about employment opportunities including job outlook and salary information visit:

Occupational Outlook Handbook: <http://www.bls.gov/oco/>

O-Net Online: <http://online.onetcenter.org/>

Program revision effective July 31, 2016 per Veterans Administration (VA) IHL Advisory requiring all AS Degree programs in Aeronautical Science with VA funded students remove Private Pilot courses from the degree course listing by August 1, 2016.

Commercial Pilot-Helicopter CCC

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 - [Required Courses](#)
 - [Careers](#)
-

Commercial Pilot Helicopter Concentration (6164H)

NOTE: THIS PROGRAM IS SUSPENDED AND NO LONGER ACCEPTING NEW STUDENTS. (In May 2015 this program changed from FAA CFR 61 to 141. In January, 2016 the Veterans Administration State Approving Agency (SAA) ruled that private pilot training included in this program would continue to be listed in the program but the courses were to be discontinued and students will no longer be allowed to enroll or continue in the affected courses by the established deadline of August 16, 2016. All students currently in the Aeronautical Science degree programs must maintain continuous enrollment in the program during fall and spring semesters to maintain continued VA eligibility in the program.)

Type of Award

CCC - College Credit Certificate

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Program Website

www.palmbeachstate.edu/programs/Aeroscience

Program Description

This program is designed to train the student for a career as a professional pilot. Upon completion of this program, the student will possess an FAA Commercial Rotorcraft Helicopter Land license. As of May, 2015, Veteran's Administration education benefits are not authorized for this program.

Students enrolled in this program must comply strictly with the Federal Aviation Administration requirements for flight and ground instruction under 14 CFR 141. All flight time must be logged and certified by an FAA certified flight instructor. Each FAA license and/or rating requires passing an FAA knowledge test and FAA practical test. The courses taught at Palm Beach State will prepare the student for these tests; however, the FAA license or rating is not required to complete the courses. It is the students' responsibility to schedule and successfully complete the FAA checkride on their own in order to meet the prerequisite of the next class.

In order to get college credits for FAA licenses and/or ratings already held, the student must be enrolled in this program and must have accumulated at least 16 hours of college credits from courses within this program. Please see the following Web page for more information: www.palmbeachstate.edu/prior-learning/Prof-Pilot-License-Credit-Equivalency .

For a list of flight schools that are currently affiliated with Palm Beach State for flight training, please go to www.palmbeachstate.edu/programs/Aeroscience .

Admission Requirements

To be admitted into this program, the student must:

- Have a standard high school diploma or GED;
- Complete an online Application for Admission, located at www.palmbeachstate.edu/admissions/Admissions-Applications.aspx.
- Attend a regularly scheduled flight training orientation session. At the session the student must be prepared to present the following documents:
- Have a panthercard (Palm Beach State student ID)
- Proof of citizenship documents or Transportation Security Administration (TSA) approval prior to beginning any flight training. For non-US citizens, the TSA approval process could take as long as two months to complete. For more information see the following website, www.flightschoolcandidates.gov
- Have a 1st, 2nd, or 3rd class FAA medical from an Aviation Medical Examiner (AME) before beginning any flight training. The FAA medical certificate must be presented to the aviation program manager before flight training can be initiated. All current AMEs can be found at <http://www.faa.gov/pilots/amelocator>.

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- The student show proof of having a Private Pilot's license to enroll.

Completion Requirements

Students must successfully complete all courses listed in the catalog for this program.

Program Length

This program can be finished in two major semesters.

Location

This program is offered at the Lake Worth campus and local airports.

For More Information

Judy Maxwell, maxwelja@PalmBeachState.edu, (561) 868-3474

To see when the course is offered, click the course number. To see a course description, click the course title.

Required Courses		Credits: 11
ATF1140-A	Private Pilot Flight 1 – Helicopter-Ground	2
ATF1142-A	Private Pilot Flight 2 – Helicopter Flight	2
AST1002	Descriptive Astronomy	3
AST1002L	Descriptive Astronomy Lab	1
ATF1342LA	Commercial Pilot Flight 1-Helicopter-Ground	1
ATF2340 A	Instrument Rating Flight 1 - Helicopter-Ground	2
ATF2341LA	Instrument Rating Flight 2 - Helicopter-Flight	1
ATF2240LA	Commercial Pilot Flight 2-Helicopter-Cross Country	2
ATF2241 A	Commercial Pilot Flight 3 - Helicopter	2

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Electives		Credits: 1
	(1 Credit Required)	
	Elective	1
ATT2131	Flight Instructor Ground School	3
ATF2540LA	Flight Instructor (Initial CFI) Flight - Helicopter *	2
ATF2244LA	Commercial Pilot Night Vision Goggles Flight - Helicopter	1
ATF2242LA	Commercial Pilot External Load Flight - Helicopter	1
ATF2243 A	Commercial Pilot Turbine Flight - Helicopter	1
ASC1101	Aero-Navigation	3
ASC1210	Aero-Meteorology	3
ASC1310	Aero-Safety and Regulations	3
ASC1640	Propulsion Systems	3
ASC2550	Aerodynamics	3
Certificate Core Requirements		Credits: 12
ATF1602C	Flight Simulator	3
ATT1100	Private Pilot Ground School	3
ATT2120	Instrument Ground School	3
ATT2110	Commercial Pilot Ground School	3
Total Program Credits: 24		
*Students wishing to instruct in Robinson Helicopters must also take ATF2541L to meet the requirements of SFAR 73-2		

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Employment Opportunities

Students who successfully complete this program are qualified to fly as a professional pilot. However, most major airlines, charter companies and private aircraft owners require more experience. Graduates of this program should continue to get the Associate of Science Degree that will include all FAA Flight Instructor licenses. Once these licenses are successfully attained, then the student can build flight experience required for these major flying careers.

Gainful Employment

For more information about graduation rates, the median debt of students who completed the program, and other related information, see www.palmbeachstate.edu/areasofstudy/GainfulEmployment.

Career Path Notes

Palm Beach State currently has an articulation or transfer agreement with Embry-Riddle Aeronautical University which will allow the student who successfully completes the A.S. degree in Aeronautical Science to transfer the credits toward a Bachelor of Science in Professional Aeronautical and Technical Management

Career Center

www.palmbeachstate.edu/Career

For more information about employment opportunities including job outlook and salary information visit:

Occupational Outlook Handbook: <http://www.bls.gov/oco/>

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