



## *Aeronautical Science (AAS/AS)*



*Judy Maxwell – Program Manager – 561-868-3474*  
<mailto:maxwelj@pbcc.edu>

*Suhe Bethell – Program Specialist – 561-868-3916*  
<mailto:bethells@pbcc.edu>

*Greta Sellers – Program Specialist – 561-868-3577*  
<mailto:sellersg@pbcc.edu>

## **OPERATIONS MANAGEMENT PROGRAM**

**(AAS A161 / AS 2171)**

### ***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: ***Maintenance*** or ***Operations***.

The ***Maintenance*** Track 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 Track must possess an A&P license prior to being admitted into this program.

The ***Operations*** Track 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.

### ***Admission Requirements:***

To be admitted into this program the student must:

- Complete a college application;
- Have a high school diploma or equivalent GED;
- Possess an FAA A&P license if pursuing the Maintenance Management Track.

## **PROFESSIONAL PILOT TRACK**

**(AAS A163 / AS 2197)**

### ***Program Description:***

This program is designed to train the student for a career as a Professional Pilot. There are two options that the student can choose from: ***Airplanes*** or ***Helicopters***. Upon completion of the ***Airplane*** degree option, the student will possess an FAA Commercial Airplane Single and Multi Engine Land license. Upon completion of the ***Helicopter*** degree option, the student will possess an FAA Commercial Rotorcraft, Helicopter Land license. With both options, the student will acquire the applicable 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 61 or 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 PBCC 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 website for more information: <http://www.pbcc.edu/x16017.xml>

Please see the Program Manager for a list of flight schools that are currently affiliated with PBCC for flight training.

### ***Admission Requirements:***

To be admitted into this program the student must:

- Complete a college application;
- Have a high school diploma or equivalent GED;
- Provide proof of citizenship documents for 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. See the following website for more information: <https://www.flightschoolcandidates.gov>;
- Obtain 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 the following website: <http://www.faa.gov/pilots/amelocator>.

### ***Completion Requirements:***

Successfully complete all required courses for this program.

### ***Program Length and Location:***

Total program credits: 64. Approximate program length: two years. Program is offered at the Lake Worth Campus.

### ***Transferability:***

Many programs have transfer agreements with other colleges and universities that allow students to transfer courses or program credits into a four-year program. This program currently has a transfer agreement with Embry Riddle Aeronautical University Worldwide Campus in Fort Lauderdale. Please contact the Program Manager at (561) 868-3474 to discuss a suggested course sequence if you plan to transfer to ERAU for your Bachelor's Degree. For general information regarding transfer agreements see the following website: <http://www.pbcc.edu/x6100.xml>.

### ***Can I get credit for my existing pilot ratings?***

To get credit for pilot ratings already held a student must be enrolled in the PBCC Professional Pilot Program and must have accumulated at least 16 PCBB credits from courses within the program.

The following credit shall be given if the student holds the following certificates:

- **Private Pilot** - 7 credits - [Click here](#) for Prior Learning Form
- **Private Pilot (Rotorcraft)** - 7 credits - [Click here](#) for Prior Learning Form
- **Private Pilot & Instrument Rating** - 16 credits - [Click here](#) for Prior Learning Form
- **Private Pilot & Instrument Rating (Rotorcraft)** - 16 credits - [Click here](#) for Prior Learning Form
- **Commercial Pilot, Single, Multi-engine and Instrument Rating** - 24 credits - [Click here](#) for Prior Learning Form
- **Commercial Pilot and Instrument Rating (Rotorcraft)** - 23 credits - [Click here](#) for Prior Learning Form

- **Flight Instructor License, Commercial Pilot, Instrument Rating** - 27 credits - [Click here](#) for Prior Learning Form
- Flight Instructor License, Commercial Pilot, Instrument Rating (Rotocraft)** - 27 credits - [Click here](#) for Prior Learning Form

### ***Can I change flight schools mid course?***

A student may change flight schools by submitting a Flight School Transfer Form to the Department Chair.

### ***Do PBCC flight simulator hours count towards ratings?***

The FAA approves 50 hours of simulator training for the Commercial license; 20 hours for the instrument rating; and 2.5 hours for the Private license. PBCC utilizes all 50 hours by training on the ATC610 simulators for 40 hours and the PC based Precision Flight Simulators for 10 hours.

### ***How much will it cost?***

The total cost for the 2 year AS program – **Airplane Training** at PBCC will be approximately \$38,000 (In-State) and \$50,140 (Out-of-State). After that, if a student decides to pursue an aviation degree at Embry Riddle University the added costs there will be approximately \$13,500. (This does not include the cost of books or other incidentals.)

The total cost for the 2 year AS program – **Helicopter Training** at PBCC will be approximately \$62,000 (In-State) and \$73,930 (Out-of-State). After that, if a student decides to pursue an aviation degree at Embry Riddle University the added costs there will be approximately \$13,500. (This does not include the cost of books or other incidentals.)

### ***When can I start flying?***

Once the student has registered and paid for a flight course at PBCC, they will then select one of our affiliated flight schools to do their flight training. That flight school will have the student sign a Flight Training Initiation Form and forward it along with TSA security information (TSA approval for non citizens and proof of citizenship for US citizens) to PBCC. Upon receipt of this information, PBCC will confirm all necessary paperwork including course payment and begin sending funds to the flight school for the student to begin training. No money will be released until a copy of an FAA medical is received (see Admissions requirements above).