



AVIATION MANAGEMENT & CAREER PILOT TECHNOLOGY AAS Degree (A60180B)

Required Courses (*70 credit hours)

For information about prerequisites and co-requisites for LAUT courses, please refer to the catalog.

Pre-Admissions Requirement for ALL STUDENTS (veteran and non-veteran) enrolling in the Aviation Management and Career Pilot Technology Program (AMCP), A60180B, is AER 151 (Personal Private Pilot License, or PPL). Students aspiring to enter the Career Pilot pathway can still enter the Aviation program as a General Educational Study (A10300W) student initially for the first fall semester of the program. Once the PPL is obtained is obtained, the student may enroll in the AMCP pathway and will be awarded credit for AER 151, Flight-Private.

Students in this scenario can, and should, continue with their personal progress through flight training for the PPL. Failure to obtain the PPL during the fall semester will eliminate further progression with the Aviation Program of study.

Suggested Full-Time Schedule First Semester (Fall – Year 1) 16 Credit Hours

Course	Credit Hours	Title	Notes
ACA 111	1	College Student Success	
ENG 111	3	Expository Writing	
AER 110	3	Air Navigation	
AER 113	2	History of Aviation	
AER 150	3	Private Pilot Flight Theory	
MAT ***	4	Statistical Methods I <i>or</i> Precalculus Algebra	
Total: 16 SHC			

Second Semester (Spring – Year 1) 18 Credit Hours

Course	Credit Hours	Title	Notes
AER 111	3	Aviation Meteorology	
AER 160	3	Instrument Flight Theory	
AER 161	2	Flight-Instrument Pilot	6 hour/week flight time

Course Requirements



AER 215	3	Flight Safety	
ENG ***	3	Professional Research & Reporting <i>or</i> Writing/Research in Disciplines	
PHY ***	4	Conceptual Physics and Conceptual Physics Lab <i>or</i> College Physics I	
Total: 18 SHC; 6 hours/week flight time			

Third Semester (Summer – Year 1)

11 Credit Hours

Course	Credit Hours	Title	Notes
AER 114	3	Aviation Management	
AER 170	3	Commercial Flight Theory	
AER 171	3	Flight-Commercial Pilot	9.6 hour/week flight time
AER 218	2	Human Factors in Aviation	
Total: 11 SHC; 9.6 hours/week flight time			

Fourth Semester (Fall – Year 2)

12 Credit Hours

Course	Credit Hours	Title	Notes
AER 112	2	Aviation Laws and FARs	
AER 216	3	Engines & Systems	
AER 285	1	Flight-Multi Engine	3 hour/week flight time
***	3	Humanities/Fine Arts Elective	
***	3	Social/Behavioral Sciences Elective	
Total: 12 SHC; 3 hours/week flight time			

Fifth Semester (Spring – Year 2)

12 Credit Hours

Course	Credit Hours	Title	Notes
AER 210	3	Flight Dynamics	
AER 211	2	Air Traffic Control	
AER 217	3	Air Transportation	
AER 280	3	Instructor Pilot Flight Theory	
AER 281	1	Flight-CFI	3 hour/week flight time

Course Requirements



Total: 12 SHC; 3 hours/week flight time

Part-Time Students

Graduation Requirements

Minimum cumulative grade point average of 2.0; successful completion of all course requirements and the minimum number of credit hours for the specific degree; minimum of 18 semester hours completed at Craven Community College; submission of graduation application to the Cashiers Office by published deadlines. (See [college catalog](#) for details.)

***Note: AER 151 is 1 credit hour, which will be awarded to the student who presents a valid FAA airman certificate, total credit hours of the Aviation Management & Career Pilot Technology program is 70 semester hour credits.**

For More Information:

The First Stop

REDD 101
(252) 444-2119
admissions@cravencc.edu

Dean of Havelock-Cherry Point, Wally Calabrese

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