



# *Aviation Administration Professional Flight Program*

## OVERVIEW OF THE PROGRAMS

Graduates of this option, in addition to completing requirements for the Aviation Administration - Management option, also complete a Professional Flight component leading to entry level employment as a professional pilot. Graduates can earn a private, instrument, commercial, multi-engine, CFI and CFII instructor certifications. Graduates also qualify for entry level positions in job classifications such as airport management, flight dispatcher, flight scheduler, air traffic controller, crew scheduler, air cargo operations manager, and administrative positions with the Federal Aviation Administration. The Professional Flight Program is FAA approved under CFR Part 141.

## EMPLOYMENT OPPORTUNITIES

Private sector and collegiate flight training schools; general aviation fixed base flight operations; regional airlines, corporate flight departments, Federal Aviation Administration, and local and state municipality flight departments (state aeronautics commissions, law enforcement, and the department of wild life).

## CONTACT INFORMATION

**Mr. Thomas Stose, Interim Director**  
**Fairmont State - Robert C. Byrd**  
**National Aerospace Education Center**  
**Room 116 NAEC, Bridgeport, WV**  
**Phone: (304) 842-8300**  
**E-mail: [Thomas.Stose@fairmontstate.edu](mailto:Thomas.Stose@fairmontstate.edu)**



*fast fact*

*Commercial pilots earn a median annual wage of \$61,640.00.*

FOR MORE INFORMATION VISIT

[www.fairmontstate.edu/academics/collegeofscitech/default.asp](http://www.fairmontstate.edu/academics/collegeofscitech/default.asp)

# MODEL SCHEDULE

## Aviation Administration - Professional Flight (B.S.)

### FRESHMAN FIRST SEMESTER

AVMA 1101	Private Pilot Technology.....	3
AVMA 1101L	Private Pilot Technology.....	3
AVMA 1102	Intro to Air Traffic Control.....	3
COMP 1101	Applied Technical Programming.....	3
ENGL 1104	Written English.....	3
MATH 1101	Technical Math I.....	3
		18

### FRESHMAN SECOND SEMESTER

ACCT 2201	Principles of Accounting.....	3
AVMA 1101	Private Pilot Flight Lab (as required).....	X
AVMA 2211	Airport Management.....	3
ENGL 1108	Advanced Written English.....	3
MATH 1102	Technical Math II.....	3
SOCY 1110	Intro to Sociology.....	3
SPCM 1100	Intro to Speech Communications.....	3
		18

### SUMMER I and/or II

AVMA 1101L	Flight Lab (as required).....	X
------------	-------------------------------	---

### SOPHOMORE FIRST SEMESTER

AVMA 2201	Instrument Pilot Technology.....	3
AVMA 2201L	Instrument Pilot Flight Lab.....	3
AVMA 2213	Airport Planning & Development.....	3
ENGL 1109	Technical Report Writing.....	3
PHYS 1101	Intro to Physics I.....	4
SFTY 1100	Safety Techniques & Practices.....	3
		19

### SOPHOMORE SECOND SEMESTER

AVMA 2210L	Instrument Pilot Flight Lab (as required).....	X
AVMA 2214	Advanced Air Traffic Control.....	3
AVMA 3304	Aviation Maintenance Management.....	3
AVMA 3305	General Aviation Operations.....	3
PHYS 1102	Intro to Physics II.....	4
PSYC 1101	Intro to Psychology.....	3
SFTY 1150	Safety Techniques & Practices.....	3
		19

### SUMMER I and/or II

AVMA 2201L	Flight Lab (as required).....	X
------------	-------------------------------	---

### JUNIOR FIRST SEMESTER

AVMA 3300	Commercial Pilot Technology.....	3
AVMA 3300L	Commercial Pilot Flight Lab.....	3
AVMA 3303	Airline Operations.....	3
ECON 2200	Economic Principles & Problems.....	3
MGNT 2209	Principles of Management.....	3
MKTG 2204	Marketing.....	3
		18

### JUNIOR SECOND SEMESTER

AVMA 3300L	Commercial Pilot Flight Lab (as required).....	X
AVMA 3301	Aviation History.....	3
AVMA 3302	Aviation Law.....	3
BUSN 3310	Business Y Economics Statistics.....	3
Fine Arts Elective	.....	3
MANF 2250	Total Quality SPC.....	3
PHED 1100	Fitness & Wellness.....	2
		17

### SUMMER I and/or II

AVMA 3300L	Flight Lab (as required).....	X
------------	-------------------------------	---

### SENIOR FIRST SEMESTER

AVMA 2206	Aviation Security.....	3
-OR-		
SPCM 3369	Communications in Organizations.....	3
AVMA 3300L	Commercial Flight Lab (as required).....	3
AVMA 3307	Human Factors in Aviation Safety.....	3
Literature Elective	.....	3
MGMT 3390	Human Behavior in Organizations.....	3
INFO 1100	Computer Concepts & Applications.....	3
		15

### SENIOR SECOND SEMESTER

AVMA 3300L	Commercial Flight Lab (as required).....	X
AVMA 4401	Industry Research & Analysis.....	3
-OR-		
AVMA 4401	Advanced Flight Rating.....	3
AVMA 4402	Fiscal Aspects in Aviation.....	3
AVMA 4403	Aviation Project.....	3
-OR-		
AVMA 2299	Special Topic (CFI/CFII/Multi).....	3
Literature Elective	.....	3
MGMT 4405	Operations Management.....	3
INFO 1100	Social Science Elective.....	3
		18

Notes: All first semester classes are pre-requisites for all subsequent classes.

Math 1101 is a requirement of the FAA Part 147 curriculum and a co-requisite of all subsequent classes.

All aviation AVMA courses are offered on a twelve to eighteen month rotation.

## NOTES