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Bridgewater State University

Aviation Science
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L1Shaw@bridgew.edu

BSU Flight Training Center

1852 Shawmut Ave

New Bedford, MA 02747

Tel: 508.531.1445

Dispatch: 508.531.1476

m1rivera@bridgew.edu



Flight Training Concentration

Guide for students entering Spring 2016 semester

Freshman Year

Fall Semester

AVSC-107 Primary Flight I (2 crs.)
 AVSC -110 Aviation Science I (3 crs.)
 MATH- MATH* (3 crs.)
 ENGL- Writing * (3 crs.)
 FYS (3 crs.)

Spring Semester

AVSC-108 Primary Flight I (1 crs.)
 AVSC -111 Aviation Science II (3 crs.)
 ENGL- Writing (3 crs.)
 PHIL 111 (3 crs.)
 CORE (3 crs.)

Sophomore Year

Fall Semester

AVSC -200 Instrument Flight (4 crs.)
 AVSC -212 IFR Grnd School (3 crs.)
 AVSC 210 Aviation Weather (3 crs.)
 AVSC 217 Air Traffic Control (3 crs.)
 SYS. (3 crs.)

Spring Semester

ECON-102 Macroeconomics (3 crs.)
 COMM CORE (3 crs.)
 MGMT-130 Principles of Mgmt. (3 crs.)
 CORE (3 crs.)
 CORE (3 crs.)

Junior Year

Fall Semester

AVSC -300 Commercial Flight (4 crs.)
 AVSC -211 Commercial Ground (3 crs.)
 PHYS-181 Elements of Physics (3 crs.)
 AVSC-307 Air Carrier Opts. (3 crs.)
 CORE (3 crs.)

Spring Semester

AVSC -310 Aviation Safety (3 crs.)
 AVSC 180 Aerodynamics (3 crs.)
 AVSC -320 Av. Regulatory Proc. (3 crs.)
 CORE (3 crs.)
 CORE (3 crs.)

Senior Year

Fall Semester

AVSC-303 CFI Ground School (3 crs.)
 AVSC-400 Instructional Flight (3 crs.)
 AVSC 330 Aircraft Systems (3 crs.)
 CORE (3 crs.)
 CORE (3 crs.)

Spring Semester

AVSC 450 Human Factors (3 crs.)
 CORE (3 crs.)
 CORE (3 crs.)
 CORE (3 crs.)
 CORE (3 crs.)

* As Determined by placement

** PHYS 181 = Nat. Sci Core

** ECON 102 = Soc/Beh. Sci Core

Aviation Management Concentration

Guide for students entering Spring 2016 semester

Freshman Year

Fall Semester

AVSC -110 Aviation Science I (3 crs.)
 MGMT-130 Principles of Mgmt. (3 crs.)
 MATH- MATH* (3 crs.)
 ENGL- Writing * (3 crs.)
 FYS (3 crs.)

Spring Semester

AVSC -111 Aviation Science II (3 crs.)
 ACFI-100 Fund. of Fin. Reporting (3 crs.)
 MGMT-140 Human Resource Mgmt. (3 crs.)
 PHIL 111 (3 crs.)
 ENGL- Writing (3 crs.)

Sophomore Year

Fall Semester

AVSC -305 General Av.Mgmt (3 crs.)
 ECON-102 Macroeconomics (3 crs.)
 COMM CORE (3 crs.)
 MATH-110 Statistics (3 crs.)
 SYS (3 crs.)

Spring Semester

Weather Course (3 crs.)
 COMP-105 Computer App Intro (3 crs.)
 AVSC -310 Aviation Safety (3 crs.)
 Environmental Course (3 crs.)
 CORE (3 crs.)

Junior Year

Fall Semester

ENGL- 201 Technical Writing (3 crs.)
 AVSC-307 Air Carrier Opt. (3 crs.)
 PHYS-181 Elements of Physics (3 crs.)
 CORE (3 crs.)
 CORE (3 crs.)

Spring Semester

AVSC-180 Aerodynamics (3 crs.)
 AVSC-320 Aviation Regulatory Proc (3 crs.)
 AVSC-407 Aviation Marketing (3 crs.)
 CORE (3 crs.)
 CORE (3 crs.)

Senior Year

Fall Semester

MGMT-360 Business Data Proc (3 crs.)
 AVSC-402 Insurance & Legal (3 crs.)
 CORE (3 crs.)
 CORE (3 crs.)
 CORE (3 crs.)

Spring Semester

AVSC-471 Aviation Management (3 crs.)
 CORE (3 crs.)
 CORE (3 crs.)
 CORE (3 crs.)
 CORE (3 crs.)

* As Determined by placement

** PHYS 181 = Nat. Sci Core

** ECON 102 = Soc/Beh. Sci Core

The BSU Aviation Training Center is located at the New Bedford Regional Airport, in the historic city of New Bedford, Massachusetts. It is about a ½ hr. ride from the BSU campus to the Aviation Training Center. Our facility is on the northwest side of the airport via New Plainville Rd., next to the north ramp area, also commonly referred to as the BSU ramp.

Training Center Address

1852 Shawmut Ave.
New Bedford, Ma 02747

Contact: Margie Rivera
Phone: (508) 531-1445
Or
Dispatch Desk
Phone: (508) 531-1476
Frequency: 123.50

From Cape Cod Area: RT 195 West, Exit 12B, merge onto Faunce Corner Rd. Right at first four way stop sign on to Old Fall River Rd. Right at next four way stop sign onto Shawmut Ave., 1/8 mile down on left.

From Providence, RI Area: RT 195 East, Exit 12, Left onto Faunce Corner Rd., Right at next four way stop sign onto Shawmut Ave., 1/8 mile down on left.

For Additional Information

About tours and open house's at our Aviation Training Center feel free to contact Mr. Greg Bongiorno, the BSU Aviation Program Manager at:

E-mail: Gbongiorno@bridgew.edu
Phone: [508-531-2654](tel:508-531-2654)

Directions to ATC

From BSU Campus: RT 104 West to RT 24 South to RT 140 South, Exit 4, Right off Exit onto New Plainville Rd. At the four way stop take a left

From Boston Area: RT 24 South to RT 140 South, Exit 4, Right off Exit onto New Plainville Rd. At the four way stop take a left onto Shawmut Ave., 1/8 mile down on left.

Aviation Training Center

ALL Flight Students
Must have the following when
First going to the Airport

Current FAA Medical Certificate (minimum 3rd Class required).
You can find a list of FAA approved Medical Examiners in your
area by using the following link:

<http://www.faa.gov/pilots/amelocator/>

Students who are United States Citizens: Either of the
following:

A) Government-issue photo identification (e.g. state
driver's license) AND *official* Birth Certificate (copies
cannot be accepted)

OR

B) Current valid U.S. Passport

Students who are NOT United States Citizens:

A) Current Passport and U.S. Visa or Permanent or
Lawful Permanent Resident Card (if applicable);
Refugee/Asylee status (if applicable).

All non-U.S. citizens MUST complete a TSA application prior
to the initiation of any flight training. Completion of the TSA
application is preferred prior to the start of ground training.

Information for opening a personal account is available online at
[https://www.flightschoolcandidates.gov/afsp2/?acct_type=c&s
action=AG](https://www.flightschoolcandidates.gov/afsp2/?acct_type=c&saction=AG)

Flight Training Equipment List

All students must acquire the following items before their first flight lesson:

The list represents an investment in your long-term training, not simply for a single semester. Consider purchasing a quality flight bag - it will be a one-time purchase that will consolidate your flight gear and last through years of use.

Many of the required FAA publications are free online at www.faa.gov. BSU-specific training publications including aircraft checklists, training manuals, and the entire list of required publications for your course of training are online at www.bridgew.edu/Aviation. It is *every pilot's responsibility* to familiarize themselves with the required publications, and maintain currency of knowledge at all times.

Flight Gear

- Flight Headset
- E6B Flight Computer (manual)
- VFR Plotter (IFR Plotter if applicable)
- View limiting device (hood or “foggles”)
- Flashlight (w/spare batteries)
- Kneeboard
- Aircraft checklists (Normal and Emergency)
- Airport/Facility Directory (A/FD)
- Terminal Area Chart (TAC)
- Sectional Chart (New York)
- IFR Low En Route (if applicable)
- Current instrument approach charts (if applicable)
- Flight Logbook

Publications

- BSU Flight Standards Manual (FSM)
- BSU Aviation Operations Manual
- Aircraft Pilot's Operating Handbook
- Applicable FAA Practical Test Standards
- Federal Aviation Regulations (FAR)
- Aeronautical Information Manual (AIM)
- Pilot's Hndbk of Aero. Knowledge (PHAK)
- FAA Airplane Flying Handbook
- FAA Aviation Weather
- FAA Aviation Weather Services

You can obtain directions to our facility by clicking on the following link: www.bridgew.edu/Aviation and then choosing the ATC Directions and Updates link on the right hand side.

BSU Flying Bears



AVIATION FLIGHT TEAM

(National Intercollegiate Flying Association) NIFA

Train to be one of the Best!

Become a member of BSU Flight Team!

Bridgewater State University's flying team mission is to compete at the Regional and National flyin competitions.

- No license needed in order to compete in the ground events.
- Just need a Private Pilot's license to compete in the flying events.
- We are especially looking for younger members so they can be on the team for a couple of years.
- We will be competing in October for the regional championship and in May in the national flight competition.
- Try outs will be posted : (TBA)
- We are looking to take around 15 people
- Team work is the key to success
- We all train for the events so that no one is left in the cold...it's a learning experience

Joining the flight team is a great way to get involved, meet new people and gain valuable experience...

For more information please e-mail:

Flight Team co-Captain Andrew Fidanza- Afianza@student.bridgew.edu

Websites for competition for you to check out

NIFA website -- National Intercollegiate Flying Association

<http://www.nifa.us/>

AHP

Alpha Eta Rho: Professional Aviation Fraternity



Do you have an interest in Aviation? Want help in your aviation classes or getting a job in the industry?

Come and meet with the brothers of **Alpha Eta Rho** and learn what this international co-ed business fraternity is all about!

Alpha Eta Rho is a professional international fraternity aimed at furthering careers of men and women in aviation. Members of Alpha Eta Rho graduate and go on to some of the most successful careers in the industry and provide valuable relations with industry leaders. Becoming a member of Alpha Eta Rho is a crucial stepping stone in any successful future in the field. Alpha Eta Rho was founded with four purposes:

- To further the cause of aviation in all of its branches
- To instill in the public mind a confidence in aviation
- To promote contacts between the students of aviation and those engaged in the profession
- To promote closer affiliation between the students of aviation for the purposes of education and research

If you're interested in becoming a Brother of Alpha Eta Rho, please contact:
L1Shaw@student.bridgew.edu

Aviation Scholarship Resources

Here are a few places on the web you can start your scholarship search:

University of Aviation Association

<http://uaa.aero/>

(scroll down) on left hand side of page you will see Scholarships click on it and that will take you to their scholarship page.

Aircraft Owners and Pilots Association

www.aopa.org/asf/scholarship/

National Business Aviation Association

www.nbaa.org/prodev/scholarships

Experimental Aircraft Association

<http://www.eaa.org/en/ea/aviation-education-and-resources/ea-youth-education/ea-aviation-scholarships>

Federal Aviation Administration

www.faa.gov/education/student_resources/scholarships_grants/aviation_scholarships

Women in Aviation International

<http://www.wai.org>

Bridgewater State University

Aviation Science Facebook Page

<https://www.facebook.com/#!/pages/Bridgewater-State-University-Aviation/206454936058970>