

**-Flight Technology & Operations Specialization**

**BG PERSPECTIVE (BGP) REQUIREMENTS:**

Course \_\_\_\_\_ Credits \_\_\_\_\_

**Must complete at least 1 course in each of the following:**

English Composition and Oral Communication  
\_\_\_\_\_

Quantitative Literacy  
\_\_\_\_\_

**Must complete at least 2 courses in each of the following:**

Humanities and the Arts  
\_\_\_\_\_  
\_\_\_\_\_

Natural Sciences  
\_\_\_\_\_  
\_\_\_\_\_

Social and Behavioral Sciences  
\_\_\_\_\_  
\_\_\_\_\_

**Complete total required BGP credit hours by selecting courses from any of the above categories:**  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**UNIVERSITY REQUIREMENTS**

Note: Designated courses in the Humanities and the Arts, and the Social and Behavioral Sciences domains may be used to fulfill both a BGP requirement and one of the following university requirements:

Cultural Diversity in the U.S. \_\_\_\_\_

International Perspective \_\_\_\_\_

Composition Requirement:

\_\_\_ GSW 1120 Academic Writing \_\_\_\_\_

*Total BGP Credits: Must be at least 36*

**Courses Required for Major**

**Cooperative Education**

**8-12 Hrs**

\_\_\_ TECH 2890 4

\_\_\_ TECH 3890 or TECH 4950 4

\_\_\_ TECH 4890 (optional)\*\*\* 4

**Professional Core**

**25 Hrs**

\_\_\_ AERT 2200 Private Pilot Ground 4

\_\_\_ AERT 2240 ATC and NAS 3

\_\_\_ AERT 3000 Air Transportation 3

\_\_\_ AERT 3490 Aviation Law 3

\_\_\_ AERT 3520 Aviation Safety 3

\_\_\_ AERT 3540 Aviation Management 3

\_\_\_ AERT 4600 Safety Mgmt Systems 3

\_\_\_ AERT 4680 Business Aviation 3

**Flight Technology and Operations Specialization**

**36 Hrs**

\_\_\_ AERT 2220 Private Pilot Flight Instruction I 2

\_\_\_ AERT 2230 Private Pilot Flight Instruction II 2

\_\_\_ AERT 2800 Instrument Ground School 3

\_\_\_ AERT 2810 Basic Instrument Flight Instruction 3

\_\_\_ AERT 2820 Advanced Instrument Flight Instruction 3

\_\_\_ AERT 3200 Commercial Ground School 3

\_\_\_ AERT 3220 Basic Commercial Flight Instruction 1

\_\_\_ AERT 3230 Advanced Commercial Flight Inst. 2

\_\_\_ AERT 3060 Multiengine Ground School 1

\_\_\_ AERT 3300 Digital Cockpit Instrumentation 2

\_\_\_ AERT 4040 Adv Aerodynamics & Aircraft Performance 3

\_\_\_ AERT 4050 Advanced Aircraft Systems 3

\_\_\_ GEOG 2130 Meteorology 3

\_\_\_ PHYS 2010 College Physics\*\* 5

**Other Required Courses**

**University**

**22 Hrs**

\_\_\_ BA 2030 Business Comm or 3

\_\_\_ ESHP 2040 Intro to Entrepreneurship

\_\_\_ MATH 1220\*\* 3

\_\_\_ COMM 1020\*\* Speech Comm 3

\_\_\_ COMM 2010 Com Theory or 2100 Intl Com 3

\_\_\_ MIS 2000 Mgmt Info Sys or CS 1000 3

\_\_\_ SOC 1010\*\* Principles of Sociology 3

\_\_\_ PSYC 1010\*\* General Psychology 4

**Upon Advisement - Supplemental Focus**

**6 Hrs**

\_\_\_ AERT 2000-4990 1-3

\_\_\_ AERO 3120, 4110, 4120 3-6

\_\_\_ ACCT 2000-3990 or ACT 2000-3990 3-6

\_\_\_ BA 3000-3990 1-6

\_\_\_ ENVH 3000-4900 3-6

\_\_\_ ENVR 4210 3-6

\_\_\_ ENVS 4020, 4200, 4260 3-6

\_\_\_ FIN 2000-3990 3-6

\_\_\_ GEOG 1250\*\* \_\_\_\_\_, 3030 \_\_\_\_\_ 3-6

\_\_\_ COMM 2000-4990 3-6

\_\_\_ LEGS 3000-4990 3-6

\_\_\_ MKT 3000-4990 3-6

\_\_\_ MGMT 3000-4990 3-6

\_\_\_ MSL 3020, 4010, 4020 3

\_\_\_ PSYC 3110, \_\_\_\_\_, 3500, \_\_\_\_\_ 3-6

\_\_\_ TLEP 2000-4990 3-6

**Technical Electives (by advisement)**

**9 Hrs**

\_\_\_ ELECTIVE @ 3

\_\_\_ ELECTIVE @ 3

\_\_\_ ELECTIVE @ 3

**Total Minimum Program Hours**

**122 Hrs**

For TECH Electives, chose at least two courses 3000 level and above:  
@ AERT 2000-4990; ARCH 2360, 2710, 3360, 3370; CONS 3000-4990; ECT 1910-4990; ENGT 2000-4990;  
QS 3000-4990; TECH 3020, 4000, 4300, 4310, 4330; TECH 4800, 4890; TE 2520

Matriculation courses are in **BOLD** Print.

#See the Undergraduate Catalog for eligible courses at [www.bgsu.edu/catalog.html](http://www.bgsu.edu/catalog.html)

## QS courses are offered on-line only.

\*\* These courses may be also used to meet the BG Perspective courses requirement, but hours are only used once.

\*\*\* A third co-op, TECH 4890, can be taken to fulfill a Technical Elective requirement.

#### **NOTES:**

- All Aviation courses must be completed with a C or higher.
- Supplemental focus courses and technology electives are in addition to those specifically listed on the sheet.
- When students use courses to fulfill more than one requirement the total minimum program hours of 122 may not be met.

## **College of Technology, Architecture and Applied Engineering General Information for all students in the College**

In addition to completing all requirements on the checksheet, students are responsible for:

### **Matriculation**

Full admittance to a major in a College of Technology, Architecture and Applied Engineering program will become effective when a student has:

1. Attained an overall BGSU grade point average of at least 2.25 for all courses taken prior to applying for matriculation and a 2.5 in courses in the major;
2. Completed a cooperative education experience—TECH 2890 (Aviation Studies, Architecture, LDT and QS majors are exempt from this requirement);
3. Completed with a grade of “C” or better in all bold courses , as specified on program checksheets;
4. Applied for matriculation. Applications are available from the Undergraduate Student Services Office.

The steps listed above must be completed before students will be permitted to register for 3000- and 4000-level courses in the College of Technology, Architecture and Applied Engineering.

### **Co-op**

All students in the College are required to complete 2 or 3 co-ops, depending on your major. **THIS IS A COURSE.** It carries credit and is graded. It is full time (40 hrs/week) for the entire semester or part-time (20 hrs/week) for two consecutive semesters, paid and must be directly related to your major. All students **MUST** complete the Co-op Orientation available in Canvas.

### **Email**

Official University email accounts are required for all BGSU students. Official BGSU email addresses are in the form: BGSUusername@bgsu.edu. At the time of admission or initial registration, all students will receive a bgsu.edu email account. Students may anticipate that official University correspondence will be sent to this email account and they should access BGSU email on a regular and timely basis. All correspondence from Undergraduate Student Services will be sent to your BGSU email.

### **Checksheet**

The checksheet should be used in conjunction with the degree audit and advising to track progress toward degree completion.