

# **ACADEMY**

**C O L L E G E**



## **2020–2022 CATALOG**

Aviation • Business • Accounting • Information Technology

**[www.academycollege.edu](http://www.academycollege.edu)**

# ACADEMY COLLEGE

---

## CATALOG 2020–2022

31<sup>ST</sup> EDITION

EFFECTIVE JANUARY 4, 2021

### *Welcome to Academy College*

We are pleased to offer you a variety of professional training programs: Aviation, Business, and Information Technology. This catalog will acquaint you with the educational opportunities available at Academy College.

Academy College offers Bachelor degree and Associate degree programs to help you achieve your career or continuing educational objectives. Our entire faculty and staff are committed to providing you with a challenging intellectual environment that affords you the highest quality instruction.

Please feel free to visit our web site or contact our admissions office should you have any questions about our catalog or would like to schedule a tour of our college.

### *Our History*

We originally opened our doors in 1936 under the name of **Academy of Accountancy**. Accounting held as our staple academic program for many decades until we reached the computer era, at which time we introduced our information technology programs through **CDI Computer Academy**.

Seeing a need for a collegiate aviation path in the Metro area, we partnered with the Metro's leading flight training facility, Thunderbird Aviation, to introduce the **Academy of Aviation**.

We united our many program areas under the sole title of **Academy Education Center**, ensuring that our career training was the primary focus for all program divisions. Finally, as we expanded our program options to include Bachelor degrees, we evolved to the title of **Academy College**.

Throughout our historic growth we have remained focused on those ideals that directed the first academic course offered in 1936 — to provide our students with the highest quality of education through career programs designed to enable students to succeed in their career and personal development.

We welcome you to join us on our continuous mission towards career success!



1600 W. 82<sup>nd</sup> St., Suite 100  
Bloomington, MN 55431  
admissions@academycollege.edu

tel : 952.851.0066  
toll free : 800.292.9149  
fax : 952.851.0094

*A private coeducational college incorporated under the laws of Minnesota*

# TABLE OF CONTENTS

---

## ACADEMY COLLEGE

Letter of Welcome	i
Our History	i
Mission Statement	2
Strategic Objective	2
Accreditation	2
Statement of Ownership	2
Academic Executive Board	2

## AVIATION PROGRAMS

Introduction	4
Program Outlines	5
Aircraft Dispatcher Course	8

## BUSINESS PROGRAMS

Introduction	10
Bachelor of Science Degrees	11
Program Outlines	11

## INFORMATION TECHNOLOGY PROGRAMS

Introduction	14
Bachelor of Science Degree	15
Program Outlines	15

## COURSE DESCRIPTIONS

Accounting (AC)	18
Aviation Flight (AF)	18
Aviation (AV)	19
Business Administration (BA)	20
Career Focus (CF)	21
Computer Programming (CP)	21
Computer Science (CS)	21
Dispatch (DT)	23
Finance (FI)	23
General Education (GC,GH,GM,GS)	23
Sales & Marketing (SM)	25

## ACADEMIC INFORMATION

Academic Calendar	27
Schedule of Observed Holidays	27
School Breaks	27
Faculty	28
Class Sessions	28
Definition of a Credit Hour	28
Academic Standards	29
Scholar Recognition	29
Satisfactory Academic Progress	29
Graduation Requirements	30
Classification of Students	31
Student Status Changes	31
Program Changes	31
Multiple Degrees	31
Attendance Policy	31
Credit Transfer	32
Internship	32
Test Out Policies	32

## ADMISSION INFORMATION

Admissions Requirements and Procedures	34
Aircraft Dispatcher Course:	
Resident/Credit for Previous Experience	35
FAA Licensure:	
Aircraft Dispatcher Course Series	35

## FINANCIAL INFORMATION

Tuition & Fees	36
Refund Policy	36
Financial Assistance	36
Scholarships	38

## STUDENT SERVICES

Career Services	39
Advisement Services	39
Authorized Testing Center	39
Distance Education	39

## GENERAL INFORMATION

Academic Freedom Policy	40
Accreditation	40
Approvals	40
Association Memberships	40
Campus Security Policy & Crime Report Statistics	40
Campus Visitation Policy	40
Conduct	40
Copyright Policy	40
Definition of a Student	42
Definition of the Student Body	42
Directory Information	42
Dress Code	42
Equipment Available	42
Facility	42
Faculty Governance	42
FERPA	42
Housing	42
Internet and PC Systems Usage Policy	43
Parking	43
Registration	43
Reporting a Grievance	43
Student Consumer Information	43
Student Contact Information	43
Transcript Requests	43

## ADDITIONAL SHEETS

### (IN BACK)

Addendum	
Faculty	A-1
Administrative Staff	A-2
Designated Persons	A-2
Tuition & Fees	A-3
Adjustments & Explanations	A-4
Flight Lab Fees	A-5

# THE ACADEMY COLLEGE MISSION

Academy College's mission is to provide our students with the highest quality of education through career programs designed to enable students to succeed in their career and personal development.

In fulfilling the mission, Academy College has set forth the following objectives which reflect the overall goals of the College:

- ▶ Prepare students for academic, professional and personal success through quality career-focused programs that develop skills for today and in the future
- ▶ Offer a range of career programs in the Aviation, Business, and Information Technology fields
- ▶ Provide effective instruction and learning methods that strengthen student academic outcomes
- ▶ Accommodate the diverse needs of students entering or retraining for the workforce
- ▶ Aid students in developing the technical and soft skills needed to excel in the current job market
- ▶ Provide an atmosphere of learning that will enhance the students' ability to demonstrate ethical and moral values in both professional and personal situations
- ▶ Evaluate and update curricula, programs and courses in response to identified industry needs acquired through community and industry resources
- ▶ Maintain qualified faculty members who provide high-quality instruction focused on a strong academic base and workplace readiness
- ▶ Provide faculty with the necessary resources for professional and personal development
- ▶ Maintain facilities that meet the needs of students, faculty and staff
- ▶ Provide appropriate educational resources and facilities to support the delivery of learning
- ▶ Provide students with a variety of resources including, but not limited to instructional tutoring, course study sessions, online training and continued program guidance
- ▶ Provide on-going career services to current and graduate students through individual and group advisement sessions
- ▶ Build and maintain professional relationships with employers ensuring graduate preparedness for industry-specific hiring requirements

## ACADEMY COLLEGE

Academy College is accredited by the Accrediting Commission of Career Schools and Colleges to award Bachelor of Science Degrees and Associate Degrees. The Accrediting Commission of Career Schools and Colleges is listed as a nationally recognized accrediting agency by the U.S. Department of Education and is recognized by the Council for Higher Education Accreditation. The College of Business, College of Aviation, and College of Information Technology are divisions of Academy College.

## STATEMENT OF OWNERSHIP

Academy Education Center, Inc. dba Academy College is a private corporation under the laws of the State of Minnesota

## ACADEMIC EXECUTIVE BOARD

*Corporate Officer:* Nancy Grazzini-Olson > President

*Administration:* Nancy Grazzini-Olson > Campus President

Roger Sage > Director of Education

Alicia Olson-Strilzuk > Director of Administration

Kellye MacLeod > Director of Financial Aid/Regulatory Compliance

# The Academy College **DIFFERENCE**

*For over 80 years,*

*Academy College has been committed to preparing students for academic, professional and personal success through quality career-focused programs that develop skills for today and in the future.*

*Academy College invests in you, the student, by providing small classes and fostering a supportive learning environment. Academy College strives to ensure an exceptional educational experience like no other. Our tradition of superior classroom instruction, student support, scheduling options and career placement today and in the future create the Academy College difference you've been seeking!*

## **WE'LL TAKE YOU THERE**

*Whether you want training for a new career or additional skills to enhance your current position, Academy College's skilled team of professionals has tailored educational programs that will meet your needs. Our diverse faculty of industry experts are dedicated to helping you develop the skills needed to excel in today's ever demanding job market.*

## **A SUPPORTIVE ENVIRONMENT**

*Our caring Education Team offers students a variety of resources including instructional tutoring, course study sessions, online training and continued program guidance. Academy College students are provided the necessary accommodations and small classroom settings to ensure their daily, weekly, and monthly program success.*

## **REAL SCHEDULING FOR THE REAL WORLD**

*Understanding the pressures of your busy life, Academy College offers a range of flexible scheduling. Our scheduling includes a variety of day, evening, weekend, and online classes. Our supportive staff will assist you in creating a personal educational track from your first day of class to your graduation.*

## **OUR COMMITMENT TO YOUR CAREER**

*From finding a part-time job while in school to locating the job of your dreams, our experienced Career Services Team will assist you in clarifying your goal, planning the steps and building the resume necessary for your continued career success. Academy College graduates are awarded the benefits of career placement assistance today and in the future.*

## **EDUCATIONAL OPPORTUNITIES TODAY AND IN THE FUTURE**

*In-demand skills and technology are continuously evolving and changing. This is why Academy College has committed to providing our graduates with educational opportunities today and in the future! As industry requirements advance and evolve, Academy College graduates are provided with the opportunity to audit program classes free of charge.*

## **An Invitation to Explore**

Academy College invites students to contact the admissions office to schedule an interview and tour of the school (both in-person or virtually). Day, evening, and weekend appointments are available to accommodate varying schedules. During the interview, you will receive additional information about the school, programs offered, and the Academy College commitment to support your academic and career goals.

Contact us at:

952.851.0066 or 800.292.9149 or [admissions@academycollege.edu](mailto:admissions@academycollege.edu) to request a presentation and tour (both in-person and virtual options available).

# AVIATION PROGRAMS



## Part 141 FAA Approved Restricted Program

Academy College is authorized to certify its Commercial Pilot graduates for an Airline Transport Pilot (ATP) Certificate with Reduced Aeronautical Experience.

If you have a passion for aviation and want to work in an industry where the sky is the limit, you've come to the right place! Whether your dream is to pilot an aircraft or help guide it through stormy skies, Academy College offers the career training for you. Our graduates secure exciting jobs such as: aircraft dispatcher, airline pilot, corporate pilot, air charter pilot, fire watch pilot, test pilot, fixed-base operations manager, airline manager, customer service representative, aircraft sales, aircraft insurance, airport security and airport management.

At Academy College, we provide comprehensive aviation programs geared toward real-world airline and general aviation hiring needs. We are proud to be the exclusive provider of Minnesota's one-and-only FAA-approved Aircraft Dispatch Training Program. Combine this with the Twin Cities' largest Collegiate Pilot Flight Training Program as well as an impressive Aviation Business Program, and you'll soon realize why Academy College is the longest-established aviation school in the Metro area.

Flight training is conducted in Cessna and Piper aircraft delivered by Thunderbird Aviation. This intense and exhilarating instruction is complemented by virtual and augmented reality options, and structured ground school training that prepares graduates for competitive careers in aviation.

Thunderbird Aviation has been the Upper Midwest's leader in general aviation since 1962. Thunderbird Aviation offers full FBO services, maintenance and parts, flight training, aircraft rental, aircraft fuel, on-demand charter, pilot shop, and pre-owned aircraft sales and brokerage. Thunderbird is located at Minnesota's Flying Cloud (KFCM) and Crystal (KMIC) Airports.

To show our commitment to the industry, Academy College and/or Thunderbird Aviation and their employees are members of numerous professional organizations that promote professional aviation and aviation interests.

## Commercial Aviation

- > Bachelor of Science Degree

## Commercial Pilot

- > Associate of Applied Science Degree

## Aviation Business

- > Associate of Applied Science Degree

## Aircraft Dispatcher Course

- > Resident
- > Credit for Previous Experience

# COMMERCIAL AVIATION BS DEGREE

## Description

The Commercial Aviation BS Degree Program provides aviation, business, practical flight experience, and opportunities for career exploration to help students prepare for entry-level careers as Commercial pilots flying in general aviation, for a corporation, or for an airline. Students who enroll in the Commercial Aviation BS Degree Program are not expected to have any previous technical skills or knowledge. The Commercial Aviation BS Degree Program teaches aerodynamics, airspace, aviation law, aircraft operations, safety, human factors, weather, business management, plus flight training in single-engine and multi-engine aircraft from private pilot through flight instructor certificates. Students learn the technical skills and soft skills needed to succeed in entry-level positions such as Certified Flight Instructor (CFI, CFII), first officer, and charter pilot. Along with a minimum number of flight hours, a four year degree is often a requirement for major airlines.

*Academy College Commercial Aviation Bachelor of Science Degree graduates are eligible to apply for a restricted privileges Airline Transport Pilot (ATP) Certificate with a minimum of 1000 hours of total flight time.\**

**Minimums:** 180 Quarter Credits  
16 Quarters to complete (48 mo.)

## PROGRAM OUTLINE

BSAV

Number	Course Name	Credits
<b>Aviation Flight**</b>		
AF2102	Private Pilot Flight Training 1	1
AF2103	Private Pilot Flight Training 2	1
AF2120	Instrument Flight Training 1	2
AF2121	Instrument Flight Training 2	2
AF2122	Commercial Flight Training 1	2
AF2123	Commercial Flight Training 2	2
AF2124	Commercial Flight Training 3	3
AF3203	Multi-Engine Ground/Flight Training	1
AF3212	Single-Engine Instructor Flight Training	2
AF3207	Instrument Instructor Ground/Flight Training	1
<b>Aviation Principles Courses</b>		
AV2101	Private Pilot Aviation Principles	5
AV2104	Instrument Aviation Principles	5
AV2105	Commercial Aviation Principles	5
AV3304	Certified Flight Instructor Principles	6
<b>Aviation Courses</b>		
AV2032	Aviation Human Factors and Flight Physiology	4
AV2033	Aviation Weather	4
AV2034	Aerodynamics	4
AV2127	Introduction to Aviation	4
AV2128	Air Traffic Control and Airspace	4
<b>Technical Course Electives</b>		
14 credits is required		14

Students may choose from the 2000 or above technical category courses in AF, AV, AC, BA, CS, DT, FI, SM. AV3120 Aviation Safety Management and DT2001 through DT2008 Aircraft Dispatcher Courses/Certificate are recommended.

Number	Course Name	Credits
--------	-------------	---------

## Aviation Major Courses

54 credits is required		54
AV3214	Introduction to Aircraft Systems	4
AV4007	Aviation Security	4
AV4011	Crew Resource Management	4
AV4012	Aircraft Electronic Flight Systems	4
8 additional Aviation credits (required)		8
Students may choose from 3000 level and above in the AF, AV, DT category courses. Aircraft Dispatcher Certificate is recommended.		
6 credits of the 4000 level courses in the recommended Aircraft Dispatcher Course program meet this requirement.		
AF3203 Multi-engine Ground/Flight Training is an option.		
30 additional Elective credits (required)		30
Students may choose from the 3000 level and above in the AF, AV, AC, BA, CS, DT, FI, SM category courses.		

## General Education Courses

54 credits is required		54
GC2002	Speech (required)	.5
GC2004	English Composition (required)	.5
GM2112	College Algebra (required)	.5
15 additional credits (required)		15
Including required courses, students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
	Communications	Humanities
	Math/Natural Science	Social Sciences
24 additional credits (required)		24
3000 and above level courses are encouraged but not required.		
Students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
	Communications	Humanities
	Math/Natural Science	Social Sciences

**Minimum Total Program Credits**..... 180

**Note:** Some electives may fall into more than one category; students can receive credit for a course only once for the program.

*\*To be eligible for a FAA Restricted ATP Certificate, student must ensure compliance of all applicable requirements of FAR 61.160. This includes, but is not limited to, all FAA 141 flight school requirements and course prerequisites. In addition, students should be aware that transfer of AF & AV coded courses will only be considered if originally obtained from an institution of higher education with FAA authority to certify its graduates for an Airline Transport Pilot Certificate with reduced aeronautical experience. Please refer to the Credit Transfer section of this catalog for specifics regarding the transferring of Private Pilot Flight and Ground courses.*

## \*\*Aviation Flight Courses

Academy College offers a structured, results-oriented curriculum conducted under FAR Part 141. This FAA approved curriculum is delivered via Thunderbird Aviation - Crystal an FBO, Fixed Base Operator, located at the Minneapolis/Crystal Airport, 5800 Crystal Airport Road, Crystal MN, 55429 and Thunderbird Aviation - Flying Cloud, an FBO located at the Flying Cloud Airport, 14091 Pioneer Trail, Eden Prairie, MN, 55347. The facilities offers full FBO services, maintenance and parts, flight training, aircraft rental, aircraft fuel, on-demand charter, pilot shop, and pre-owned aircraft sales and brokerage.

The Aviation Flight Lab fees are determined on an hourly basis for aircraft, flight instruction, and supplies, and are charged in addition to academic course tuition, fees, and textbooks.

Flight lab fees are published as an addendum to the catalog.

# COMMERCIAL PILOT AAS DEGREE

## Description

The Commercial Pilot AAS Degree Program provides aviation, practical flight experience, and opportunities for career exploration to help students prepare for entry-level careers as a Commercial pilot flying in general aviation, for a corporation, or for an airline. Students who enroll in the Commercial Pilot AAS Degree Program are not expected to have any previous technical skills or knowledge. The Commercial Pilot AAS Degree Program teaches aerodynamics, airspace, aviation law, aircraft operations, safety, human factors, weather, plus flight training in single-engine and multi-engine aircraft from private pilot through flight instructor certificates. Students learn the technical skills and soft skills needed to succeed in entry-level positions such as Certified Flight Instructor (CFI, CFII), first officer, and charter pilot.

*Academy College Commercial Pilot AAS degree graduates are eligible to apply for a restricted privileges Airline Transport Pilot (ATP) Certificate with a minimum of 1250 hours of total flight time.\**

**Minimums:** 100 Quarter Credits  
8 Quarters to complete (24 mo.)

## PROGRAM OUTLINE

ACP

Number	Course Name	Credits
<b>Aviation Flight**</b>		
AF2102	Private Pilot Flight Training 1 .....	1
AF2103	Private Pilot Flight Training 2 .....	1
AF2120	Instrument Flight Training 1 .....	2
AF2121	Instrument Flight Training 2 .....	2
AF2122	Commercial Flight Training 1 .....	2
AF2123	Commercial Flight Training 2 .....	2
AF2124	Commercial Flight Training 3 .....	3
AF3203	Multi-Engine Ground/Flight Training .....	1
AF3212	Single-Engine Instructor Flight Training .....	2
AF3207	Instrument Instructor Ground/Flight Training .....	1
<b>Aviation Principles Courses</b>		
AV2101	Private Pilot Aviation Principles .....	5
AV2104	Instrument Aviation Principles .....	5
AV2105	Commercial Aviation Principles .....	5
AV3304	Certified Flight Instructor Principles .....	6
<b>Aviation Courses</b>		
AV2032	Aviation Human Factors and Flight Physiology .....	4
AV2033	Aviation Weather .....	4
AV2034	Aerodynamics .....	4
AV2127	Introduction to Aviation .....	4
AV2128	Air Traffic Control and Airspace .....	4
AV3120	Aviation Safety Management .....	4
AV3214	Introduction to Aircraft Systems .....	4
AV3215	Aviation Law .....	4
<b>General Education Courses</b>		
30 credits is required .....		30
GC2002	Speech (required) .....	5
GC2004	English Composition (required) .....	5
GM2112	College Algebra (required) .....	5
15 additional credits (required) .....		15
Including required courses, students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
Communications	Humanities	
Math/Natural Science	Social Sciences	
<b>Minimum Total Program Credits</b> .....		100

*\*To be eligible for a FAA Restricted ATP Certificate, student must ensure compliance of all applicable requirements of FAR 61.160. This includes, but is not limited to, all FAA 141 flight school requirements and course prerequisites. In addition, students should be aware that transfer of AF & AV coded courses will only be considered if originally obtained from an institution of higher education with FAA authority to certify its graduates for an Airline Transport Pilot Certificate with reduced aeronautical experience. Please refer to the Credit Transfer section of this catalog for specifics regarding the transferring of Private Pilot Flight and Ground courses.*

## \*\*Aviation Flight Courses

Academy College offers a structured, results-oriented curriculum conducted under FAR Part 141. This FAA approved curriculum is delivered via Thunderbird Aviation - Crystal an FBO, Fixed Base Operator, located at the Minneapolis/Crystal Airport, 5800 Crystal Airport Road, Crystal MN, 55429 and Thunderbird Aviation - Flying Cloud, an FBO located at the Flying Cloud Airport, 14091 Pioneer Trail, Eden Prairie, MN, 55347. The facilities also offers full FBO services, maintenance and parts, flight training, aircraft rental, aircraft fuel, on-demand charter, pilot shop, and pre-owned aircraft sales and brokerage.

The Aviation Flight Lab fees are determined on an hourly basis for aircraft, flight instruction, and supplies, and are charged in addition to academic course tuition, fees, and textbooks.

Flight lab fees are published as an addendum to the catalog.



## AVIATION BUSINESS AAS DEGREE

### Description

The Aviation Business AAS Degree Program provides aviation, business, practical experience, and opportunities for career exploration to help students prepare for entry-level careers in aviation related fields. Students who enroll in the Aviation Business AAS Degree Program are not expected to have any previous technical skills or knowledge. The Aviation Business AAS Degree Program teaches foundational aviation, business, finance, problem solving, decision making, and communication skills based on current industry practices, covering the types of practical aviation and business activities students may encounter from storage to more complex Fixed Based Operations (FBO) and other transportation and distribution management models. Students learn the technical skills and soft skills needed to succeed in entry-level aviation related professions such as a FBO manager, transportation manager, freight coordinator, and distribution operations manager. The option to take Private Pilot Flight is also presented to our Aviation Business students and only requires a 3rd Class Medical.

**Minimums:** 95 Quarter Credits  
8 Quarters to complete (24 mo.)

### PROGRAM OUTLINE

AVB

Number	Course Name	Credits
<b>Aviation Ground &amp; Flight Courses</b>		
AV2101	Private Pilot Aviation Principles .....	5
<b>Aviation Course Electives**</b>		
A minimum of 24 credits is required .....		24
Students may choose from AV, AF and DT courses provided that the prerequisites are met.		
<b>Business and Computer Science Courses</b>		
A minimum of 18 credits is required .....		18
CS2223	MS Office .....	6
A minimum of 12 additional credits (required) .....		12
Students may choose AC, BA, SM, FI and CS courses provided that the prerequisites are met. Principles of Accounting I, Advanced MS Office and Business Management are recommended.		
<b>Technical Course Electives</b>		
A minimum of 18 credits is required .....		18
Students may choose from 1000 level and above technical category courses provided prerequisites are met. Review your technical electives when considering transferring into one of the Bachelor Degree programs.		
<b>General Education Courses</b>		
30 credits is required .....		30
GC2002	Speech (required) .....	5
GC2004	English Composition (required) .....	5
GM2112	College Algebra (required) .....	5
A minimum of 15 additional credits (required) .....		15
Including required courses, students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
Communications	Humanities	
Math/Natural Science	Social Sciences	
<b>Minimum Total Program Credits</b> .....		95

## AIRCRAFT DISPATCHER RESIDENT COURSE

Academy College offers a ten-week Aircraft Dispatcher training course based on the training outline detailed in Appendix A of FAR Part 65, which states that a minimum of 200 training hours are required in a training course.

The FAA requires that an applicant for an Aircraft Dispatcher license have a minimum of two (2) years employment experience directly related to aircraft operations. Since Academy College has obtained FAA approval of the Aircraft Dispatcher training course, the FAA has waived the two-year employment requirement only if the graduate applies for a license within 90 days of graduation from this course.

### PROGRAM OUTLINE

ATA

Number	Course Name	Credits
DT2001	Federal Aviation Regulations .....	1
DT2002	Meteorology .....	2
DT2003	Navigation .....	2
DT2004	Aircraft Systems and Performance .....	1
DT2005	Air Traffic Control .....	1
DT2006	Practical Dispatch .....	1
DT2007	Communications .....	1
DT2008	Emergency & Abnormal Procedures .....	1
DT4001	Advanced Federal Aviation Regulations .....	1
DT4002	Advanced Meteorology .....	1
DT4003	Advanced Navigation and Air Traffic Control .....	1
DT4004	Advanced Aircraft Systems and Performance .....	1
DT4005	Advanced Practical Dispatching .....	1
DT4006	Advanced Emergency & Abnormal Procedures .....	1

**Minimum Total Program Credits** .....

## AIRCRAFT DISPATCHER FAA LICENSURE: AIRCRAFT DISPATCHER COURSE

In order to obtain an Aircraft Dispatcher license, the following is required:

1. Individuals that graduate between 21 and 23 years of age and have passed the examination are qualified to be an assistant dispatcher until they reach the age of 23. Once that person is 23, the dispatcher's license is issued if evidence of passing the examination is presented to the FAA.
2. Aircraft Dispatcher Training Course graduation certificate.
3. Successful completion of the FAA Knowledge Exam.
4. Aircraft Dispatcher Practical Exam by FAA-designated Examiner.
  - a. Application for an Airman Certificate and/or Rating.
  - b. Program tracking and reporting subsystem data sheet.
  - c. Temporary Airman Certificate. Practical: The FAA Practical Exam is not a part of the Aircraft

Dispatcher FAA approved syllabus, but the exam is scheduled within the time frame of each course by Academy College with the FAA-designated examiner for the convenience of the students.

# AIRCRAFT DISPATCHER

## CREDIT FOR PREVIOUS EXPERIENCE COURSE

Academy College offers a Credit for Previous Experience course to selected candidates with previous, documented experience in FAR 121 Air Carrier or military aviation operations in accordance with FAR 65.57 (see Admissions information).

FAR Part 65 states that a minimum of 200 training hours are required in a course; however, a training provider may allow credit for previous experience and training. Academy College provides credit for previous experience students with 200 hours of training:

- 100 hours of credit for previous experience and/or training;
- 100 hours to be completed in a five-week course at Academy College in Bloomington, Minnesota;

The FAA requires that an applicant for an Aircraft Dispatcher license have a minimum of two (2) years employment experience directly related to aircraft operations. Since Academy College has obtained FAA approval of the Aircraft Dispatcher course, the FAA has waived the two-year employment requirement only if the graduate applies for a license within 90 days of graduation from this course.

### PROGRAM OUTLINE

ATB

Number	Course Name	Credits
NA	Credit for Previous Experience .....	10
DT4001	Advanced Federal Aviation Regulations .....	1
DT4002	Advanced Meteorology .....	1
DT4003	Advanced Navigation and Air Traffic Control .....	1
DT4004	Advanced Aircraft Systems and Performance .....	1
DT4005	Advanced Practical Dispatch .....	1
DT4006	Advanced Emergency and Abnormal Procedures .....	1

1. Students are encouraged to talk with one of our Admissions Representatives to discuss your career goals and skills that you have to offer the industry. If you have a strong interest in aviation and possess communication skills, you will be invited to complete the Admission Application form and submit it with the application fee.
2. The Admission Application form and Enrollment Agreement must be completed, signed, and submitted prior to acceptance and enrollment in the school.
3. Students must present valid, government-issued ID showing age 21 or older and proof of high school/GED completion.
4. Upon admission to Academy College, you will receive an acceptance letter and the starting date of your course and be enrolled as a resident or correspondence student.
5. In Academy College's resident course, no advanced credit will be granted for prior training.
6. Academy College restricts the admission into the correspondence program to select the number of candidates who can provide certifiable evidence of a background in accordance with FAA criteria. To ensure that only experienced airline personnel or individuals with demonstrated aeronautical background are enrolled in the credit for previous experience course, the following minimum restrictions will apply:
  1. Minimum age of 21
  2. An applicant for Academy College Credit for Previous Experience course must present documentary evidence from paragraph b., satisfactory to the Director of Education, that (s)he has the experience prescribed in paragraph a:
    - a. Minimum satisfactory experience for a total of at least 2 years in the 3 years prior to the date of the application is needed to apply for the Credit for Previous Experience course and/or hold a current private pilot certificate with an instrument rating.
    - b. Documentary evidence satisfactory to show compliance with the experience requirements in paragraph
    - c. may include the following:
      - FAA certificates and ratings
      - Current résumé

- Academic transcripts
- Employment verification letter to include job duties and employment dates associated with those duties (or)
- Any other experience(s) that the lead dispatch instructor and Director of Education determines to be satisfactory or required.

c. To satisfy the requirements of FAR 65.61 (d), a copy of all documentary evidence and hours granted for previous experience will be placed in the student's record required by FAR 65.70 (a).

d. Meeting the requirements of paragraphs a. and b. above is no guarantee an applicant will qualify for the correspondence course. The requirements are minimums to apply for the course. The Aviation Department will make the final determination regarding acceptance and ensuring the applicant's experience is sufficient to qualify for the correspondence course.

Student(s) in the CPE course must submit documentation of prior experience and present a passing score on the FAA ADX knowledge test, dated within the previous 24 months of course completion date, prior to starting the practical portion of the class.

After submission and successfully passing the FAA Knowledge Exam, the student will be required to attend a minimum of 80 hours in classroom sessions at Academy College's facilities in Bloomington, Minnesota.

The classroom training session will concentrate on the practical application of the previously learned material in the various subject areas. The instructors for this training will be able to identify and correct any misconceptions or problem areas that the student may have. The purpose of this classroom training is to prepare a student to demonstrate the skill requirements as outlined in FAR 65.59.

§ 65 .57 Experience or training requirements. An applicant for an aircraft dispatcher certificate must present documentary evidence satisfactory to the Administrator that he or she has the experience prescribed in paragraph (b) of this section as follows:

- (a) A total of at least 2 years' experience in the 3 years before the date of application, in any one or in any combination of the following areas:
  - (1) In military aircraft operations as a:
    - (i) Pilot;
    - (ii) Flight navigator; or
    - (iii) Meteorologist.
  - (2) In aircraft operations conducted under part 121 of this chapter as:
    - (i) An assistant in dispatching air carrier aircraft, under the direct supervision of a dispatcher certificated under this subpart;
    - (ii) A pilot;
    - (iii) A flight engineer, or
    - (iv) A meteorologist.
  - (3) In aircraft operations as:
    - (i) An Air Traffic Controller; or
    - (ii) A Flight Service Specialist.
  - (4) In aircraft operations, performing other duties that the Administrator finds provide equivalent experience.
- (b) A statement of graduation issued or revalidated in accordance with § 65 .70(b) of this part, showing that the person has successfully completed an approved aircraft dispatcher course.

## AIRCRAFT DISPATCHER COURSE FOCUS

### **FAA KNOWLEDGE EXAM - RESIDENT**

During the six weeks, students will study and prepare for the FAA ADX Exam. Prior to sitting for the FAA ADX Exam, students will take the college's Comprehensive Knowledge Exam, a pre-test to the FAA ADX Exam.

In order to take the FAA Written Knowledge Exam, students must score 80% or higher on the Academy College Comprehensive Knowledge Exam. If students do not score 80% or higher after three attempts, they will be dismissed from the course. Tuition will be prorated.

### **ACADEMY PRACTICAL EXAM - RESIDENT & CREDIT FOR PREVIOUS EXPERIENCE**

All students must score 80% or higher in all exam categories to receive both an Aircraft Dispatcher's and Aircraft Dispatcher Coordinator's sign-off to take the FAA Practical Exam. The Academy College Practical Exam is based on the FAA Aircraft Dispatcher Practical Test Standards which covers these categories:

1. Area of Operation
  - (a) Flight Planning
  - (b) Obtaining Weather Information
2. Area of Operation: Aircraft
  - (a) Flight Instruments
  - (b) Navigation Instruments and Avionics Systems
  - (c) Aircraft Systems
3. Area of Operation: Air Route and Airports
  - (a) Routing
  - (b) Using and Interpretation of SID's, En Route Charts, Star's, and Standard Instrument Approach Procedures
  - (c) Airports
4. Area of Operation: Aeronautical Information Manual
5. Area of Operation: Dispatch and Operational Control
  - (a) Company Operation
  - (b) Regulatory Requirements
6. Area of Operation: Emergency Procedures
  - (a) Company Policy
  - (b) Other Procedures and Services

After students complete the FAA ADX Exam, they will receive a printed score report. The original copy is embossed and stamped and returned to the student. This document will be submitted to the FAA designated examiner at the FAA Practical Exam session.

If resident students do not score 70% or higher on the FAA Knowledge Exam, they may continue to study and prepare to retest by the end of the 8th week. Students must attend all dispatch classes during this time period. If students do not score 70% or higher on the retest, they will be dismissed from the course. Tuition will be prorated and any remaining funds will be returned per policy.

### **FAA PRACTICAL EXAM - RESIDENT AND CREDIT FOR PREVIOUS EXPERIENCE**

Beginning Week 8, students will study and prepare for the FAA Practical (oral) Exam. During Week 12, students will take the Academy College Practical Exam, a pre-test to the FAA oral exam.

Campus hours will consist of students studying and preparing for the FAA Practical (Oral) Exam and the completion of the Academy College Practical Exam, the pre-test to the FAA oral Exam. To take the FAA Exam, students:

- Must score 80% or higher on the Academy College Comprehensive Knowledge Exam.
- Must score 70% or higher on FAA ADX Exam.
- Receive approval from the Aircraft Dispatcher Coordinator.
- Receive completion letter from Academy College.
- All student tuition and fees must be paid in full.

If students do not meet testing and approval criteria, they may retake the course at no cost within one year of the quarter start date. Students may have to purchase new editions of textbooks and other materials. A second enrollment into this course will require the following:

- Space availability
- Minimum of 200 hours completed
- Director of Education approval
- Additional fees for testing
- In good standing with Academy College policies

## AIRCRAFT DISPATCHER COURSE FOCUS

### **ELIGIBILITY REQUIREMENTS**

1. To be eligible to take the FAA Knowledge Exam, a person must be at least 21 years of age.
2. To be eligible for an aircraft dispatcher certificate, a person must:
  - (a) Be at least 23 years of age;\*
  - (b) Be able to read, speak, write, and understand the English language;
  - (c) Pass the required FAA Knowledge Exam;
  - (d) Pass the required FAA Practical Exam;
  - (e) Comply with experience or training requirements.

### **\* AGE REQUIREMENTS**

Individuals that graduate between 21 and 23 years of age, and have passed the examination, are qualified to be an assistant dispatcher until they reach the age of 23. Once that person is 23 the dispatcher's license is issued if evidence of passing the examination is presented to the FAA. This is the student's responsibility. Academy College support and documentation must be securely maintained by the applicant.

### **GRADUATION**

To graduate from the program, students must complete the program and pass the FAA Practical Exam.

### **ACADEMY COLLEGE DOES NOT GUARANTEE THAT STUDENTS WILL PASS THE FAA PRACTICAL EXAM.**

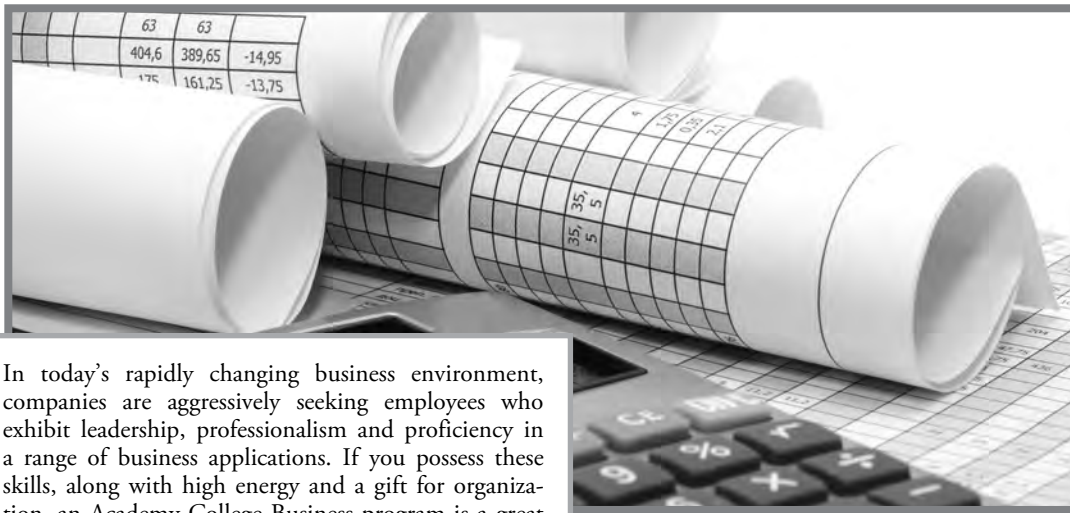
If a student does not pass the FAA Exam, s/he may apply for retesting according to FAR Part (65.19):

1. After 30 days after the date the applicant failed the test; OR
2. Before the 30 days have expired if the applicant presents a signed statement from an airman holding the certificate and rating sought by the applicant, certifying that the airman has given the applicant additional instruction in each of the subjects failed and that the airman considers the applicant ready for testing.
3. Students are responsible for the additional fees.
4. Students are responsible for all tutoring fees above the 200 hours in the program.

Please note that if the applicant is using the Dispatcher Credit for Previous Experience training course to meet FAA Exam requirements, s/he must apply for a dispatch license as per their dispatch course schedule FAR Part (65.57).

### **AFTER COMPLETING THE DISPATCHER TRAINING COURSE, SCHEDULING, RETESTING, AND LICENSING ISSUES BECOME THE SOLE RESPONSIBILITY OF THE STUDENT.**

# BUSINESS PROGRAMS



In today's rapidly changing business environment, companies are aggressively seeking employees who exhibit leadership, professionalism and proficiency in a range of business applications. If you possess these skills, along with high energy and a gift for organization, an Academy College Business program is a great fit for you!

Academy College has over 80 years of experience preparing students to contribute their skills to Fortune 500 and 1000 companies, or apply their entrepreneurial talents to their own businesses. We have strong connections within the business industry, and carefully track and respond to shifting business trends and employer needs. We keep class sizes small so you receive personalized attention from our knowledgeable faculty, and our hands-on learning approach allows you to develop real-world experience. As a result, we have created specialized Business programs that give our graduates a competitive edge in the dynamic global marketplace.

All Business students have the opportunity to develop expertise in the areas of general business, finance, sales, marketing and accounting. You'll leave the program extremely prepared and very well rounded, with the right balance of professional business skills, decision-making ability and critical thinking skills that today's business employers are seeking.

## **Accounting**

- > Bachelor of Science Degree

## **Business Administration**

- > Bachelor of Science Degree
- > Bachelor of Science Degree Online

## ACCOUNTING BS DEGREE

### Description

The Accounting BS Degree Program provides foundational accounting knowledge, practical experience, opportunities for career exploration, and soft-skills development to help students prepare for entry-level careers in accounting. Students who enroll in the Accounting BS Degree Program are not expected to have any previous technical skills or knowledge, aside from basic math. The Accounting BS Degree Program teaches Microsoft Office software, problem solving, decision making, and communication skills based on current industry practices, covering the types of practical financial statements and activities students may encounter, from Excel spread sheets to more complex Access spreadsheets and other accounting models. Students learn the technical skills and soft skills needed to succeed in entry-level accounting professions such as a payroll administration, accounts payable or receivable, office manager, or accounting specialist.

**Minimums:** 180 Quarter Credits  
16 Quarters to complete (48 mo.)

### PROGRAM OUTLINE

BSAC

Number	Course Name	Credits
<b>Accounting Courses</b>		
AC2001	Principles of Accounting I	6
AC2002	Principles of Accounting II	6
AC2003	Intermediate Accounting I	6
AC2004	Intermediate Accounting II	6
AC2007	Financial Statement Analysis	6
AC2008	Computerized Accounting	6
AC2105	Taxation	6
AC3001	Cost Accounting	6

#### Business Courses

BA2004	Business Management	6
FI2010	Money Management	6

#### Technical Course Electives

A minimum of 18 credits is required ..... 18  
Students may choose from the 1000 or above technical category courses except DT provided that prerequisites are met.

#### Accounting & Business Major Courses

##### ACCOUNTING:

AC4002	Auditing	6
AC4003	Managerial Accounting	6
AC4004	Comprehensive Accounting Capstone	6
AC4005	Advanced Accounting	6

##### BUSINESS ADMINISTRATION:

BA4002	Business Communication	6
BA4004	Economics of Money and Banking	6
BA4007	Law and Ethics of Business	6

##### FINANCE:

FI4006	Financial Management	6
--------	----------------------	---

#### General Education Courses

54 credits is required		54
GC2002	Speech (required)	5
GC2004	English Composition (required)	5
GM2112	College Algebra (required)	5

A minimum of 15 additional credits (required) ..... 15  
Including required courses, students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:  
Communications      Humanities  
Math/Natural Science      Social Sciences

A minimum of 24 additional credits (required) ..... 24  
3000 and above level courses are encouraged but not required.  
Students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:  
Communications      Humanities  
Math/Natural Science      Social Sciences

**Minimum Total Program Credits** ..... 180

## BUSINESS ADMINISTRATION BS DEGREE

### Description

The Business Administration BS Degree Program provides foundational business knowledge, practical experience, opportunities for career exploration, and soft-skills development to help students prepare for entry-level careers in retail, banking, or marketing. Students who enroll in the Business Administration BS Degree Program are not expected to have any previous technical skills or knowledge, aside from basic computer and communication skills. The Business Administration BS Degree Program teaches business law and ethics based on current business practices, covering the types of practical business activities students may encounter, from functions of various levels of management to more complex management models. Students learn the technical skills and soft skills needed to succeed in entry-level business professions such as a retail manager, payroll department, or human resources department.

**Minimums:** 180 Quarter Credits  
16 Quarters to complete (48 mo.)

### PROGRAM OUTLINE

BSBA

Number	Course Name	Credits
--------	-------------	---------

#### Accounting Courses

AC2001	Principles of Accounting I	6
AC2002	Principles of Accounting II	6

#### Business Course

BA2004	Business Management	6
--------	---------------------	---

#### Areas of Concentration Courses

A minimum of 18 credits is required ..... 18  
Students may choose from the 1000 level or above AC, BA, FI, SM category courses.

A minimum of 6 credits is required ..... 6  
Students may choose from the 3000 level or above AC, BA, FI, or SM category courses provided that the prerequisites are met.

#### Technical Course Electives

A minimum of 36 credits is required ..... 36  
Students may choose from the 1000 or above technical category courses provided that prerequisites are met.

#### Business Major Courses

##### BUSINESS ADMINISTRATION:

BA4001	Business Strategy	6
BA4002	Business Communication	6
BA4003	Managing Human Resources	6
BA4004	Economics of Money and Banking	6
BA4007	Law and Ethics of Business	6
BA4008	Management Information Systems	6

##### FINANCE:

FI4006	Financial Management	6
--------	----------------------	---

##### SALES & MARKETING:

SM4005	Effective Marketing	6
--------	---------------------	---

#### General Education Courses

54 credits is required		54
GC2002	Speech (required)	5
GC2004	English Composition (required)	5
GM2112	College Algebra (required)	5

A minimum of 15 additional credits (required) ..... 15  
Including required courses, students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:

Communications      Humanities  
Math/Natural Science      Social Sciences

A minimum of 24 additional credits (required) ..... 24  
3000 and above level courses are encouraged but not required. Students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:

Communications      Humanities  
Math/Natural Science      Social Sciences

**Minimum Total Program Credits** ..... 180

## BUSINESS ADMINISTRATION BS DEGREE - ONLINE

### Description

The Online Business Administration BS Degree Program provides foundational business knowledge, practical experience, opportunities for career exploration, and soft-skills development to help students prepare for entry-level careers in retail, banking, or marketing. Students who enroll in the Online Business Administration BS Degree Program are not expected to have any previous technical skills or knowledge, aside from basic computer and communication skills. The Online Business Administration BS Degree Program teaches business law and ethics based on current business practices, covering the types of practical business activities students may encounter, from functions of various levels of management to more complex management models. Students learn the technical skills and soft skills needed to succeed in entry-level business professions such as a retail manager, payroll department, or human resources department.

**Minimums:** 180 Quarter Credits  
16 Quarters to complete (48 mo.)

### PROGRAM OUTLINE

OBSBA

Number	Course Name	Credits
<b>Accounting Courses</b>		
AC2001	Principles of Accounting I	6
AC2002	Principles of Accounting II	6
<b>Business Course</b>		
BA2004	Business Management	6
<b>Areas of Concentration Courses</b>		
A minimum of 18 credits is required		18
Students may choose from the 1000 level or above AC, BA, FI, SM category courses.		
A minimum of 6 credits is required		6
Students may choose from the 3000 level or above AC, BA, FI, or SM category courses provided that the prerequisites are met.		
<b>Technical Course Electives</b>		
A minimum of 36 credits is required		36
Students may choose from the 1000 or above technical category courses provided that prerequisites are met.		
<b>Business Major Courses</b>		
<b>BUSINESS ADMINISTRATION:</b>		
BA4001	Business Strategy	6
BA4002	Business Communication	6
BA4003	Managing Human Resources	6
BA4004	Economics of Money and Banking	6
BA4007	Law and Ethics of Business	6
BA4008	Management Information Systems	6
<b>FINANCE:</b>		
FI4006	Financial Management	6
<b>SALES &amp; MARKETING:</b>		
SM4005	Effective Marketing	6
<b>General Education Courses</b>		
A minimum of 54 credits is required		54
GC2002	Speech (required)	5
GC2004	English Composition (required)	5
GM2112	College Algebra (required)	5
A minimum of 15 additional credits (required)		15
Including required courses, students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
Communications	Humanities	
Math/Natural Science	Social Sciences	
A minimum of 24 additional credits (required)		24
3000 and above level courses are encouraged but not required. Students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
Communications	Humanities	
Math/Natural Science	Social Sciences	
<b>Minimum Total Program Credits</b>		180

## BUSINESS ADMINISTRATION BS DEGREE - CONCENTRATION IN AVIATION MANAGEMENT

### Description

This program with concentration allows the technical aviation student to add additional training and earn a second bachelor's degree. The Bachelor of Science Concentration in Aviation Management provides the best of both with a combination of our traditional Bachelor of Science Business Administration and a concentration aviation management is a concentration where many of the technical and program electives in the traditional program are simply replaced with aviation courses. We have added new courses in organizational development and career and professional development. Students will learn the fundamentals of business management from the core strategies of planning, leading, organizing and controlling, to the basics of accounting with the income statement, balance sheet, and statement of cash flows. Students will be able to apply this general business competency to the field of aviation from airport management, FBO operations, risk management, and aviation marketing. Students will engage in a wide variety of case studies and practical simulations that will teach skills of group dynamics, forecasting, identifying variations, and creating action plans to solve aviation business dilemmas.

**Minimums:** 180 Quarter Credits  
16 Quarters to complete (48 mo.)

### PROGRAM OUTLINE

BSBAVM

Number	Course Name	Credits
<b>Business Courses</b>		
BA2002	Human Resource Management	6
AC2002	Accounting for Managers	6
BA2004	Business Management	6
BA2015	Business Communication	6
BA2006	Organizational Development I	6
FI4006	Financial Management	6
SM2003	Marketing	6
BA4001	Business Strategy	6
BA4008	Management of Information Systems	6
BA4007	Law and Ethics of Business	6
<b>Technical Course Electives</b>		
A minimum of 36 credits is required		36
Students may choose from the 2000 or 3000 level Business and/or technical category courses.		
CF2090	Professional and Career Development	6
<b>Aviation Management Concentration Courses</b>		
AV2127	Introduction to Aviation	4
AV2128	Air Traffic Control and Airspace	4
AV3125	Aviation Management	4
AV3214	Introduction to Aircraft Systems	4
AV3215	Aviation Law	4
AV3340	Aviation Insurance and Risk Management	4
AV3555	Airport and FBO operations	4
3000	Approved Aviation Elective	4
3000	Approved Aviation Elective	4
<b>General Education Courses</b>		
A minimum of 20 credits is required		20
GC2002	Speech (required)	5
GC2004	English Composition (required)	5
GM2112	College Algebra (required)	5
5 additional credits (required)		5
Including required courses, students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
Communications	Humanities	
Math/Natural Science	Social Sciences	
25 additional credits (required)		25
3000 and above level courses are required. Students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
Communications	Humanities	
Math/Natural Science	Social Sciences	
<b>Minimum Total Program Credits</b>		180

## BUSINESS ADMINISTRATION BS DEGREE - CONCENTRATION IN HUMAN RESOURCE MANAGEMENT

### Description

The Bachelor of Science with a concentration in Human Resource Management allows the business student to specialize in the development of human capital. With the thin labor market, the ability to attract, retain, promote, and develop a competent workforce is crucial to the success of any business. This concentration takes the generic bachelor's in business administration (BSBA) program and allows students a more defined selection of courses in business as well as specific coursework in human resources and organizational development. Students will learn the fundamentals of business management from the core strategies of planning, leading, organizing and controlling to the basics of accounting with the income statement, balance sheet, and statement of cash flows. Students will be able to apply this general business competency to the field of human resource development. Students will engage in a wide variety of case studies and practical simulations that will teach skills of group dynamics, forecasting, identifying variations, and creating action plans to solve business dilemmas and human resource challenges. The program moves away from the theoretical and directly into practical applications. Students who graduate in this program will secure employment in industries and specific companies where employers are looking for candidates with a combination of business savvy and a strong understanding of human resource management and organizational development.

**Minimums:** 180 Quarter Credits  
16 Quarters to complete (48 mo.)

### PROGRAM OUTLINE

BSBAHRM

Number	Course Name	Credits
<b>Accounting Courses</b>		
BA2002	Human Resource Management .....	6
AC2002	Accounting for Managers.....	6
<b>Business Courses</b>		
BA2004	Business Management.....	6
BA2015	Business Communication.....	6
BA2006	Organizational Development I .....	6
FI4006	Financial Management .....	6
SM2003	Marketing .....	6
BA4001	Business Strategy .....	6
BA4008	Management of Information Systems.....	6
BA4007	Law and Ethics of Business .....	6
<b>Technical Course Electives</b>		
A minimum of 36 credits is required .....		36
Students may choose from the 2000 or 3000 level Business and/or Technical excluding any General Education classes as an elective.		
CF2090	Professional and Career Development.....	6
<b>Human Resource Management Concentration Courses</b>		
BA3876	Data Management in Human Resources.....	6
BA4055	Employee Benefits and Compensation .....	6
BA4603	Leadership in Human Resource Management .....	6
BA4206	Employment Law .....	6
BA4072	Case Studies in Human Resource Management.....	6
BA4082	Practical Project Management and Business Analysis in HR Management.....	6
<b>General Education Courses</b>		
A minimum of 20 credits is required .....		20
GC2002	Speech (required) .....	5
GC2004	English Composition (required) .....	5
GM2112	College Algebra (required) .....	5
5 additional credits (required).....		5
Including required courses, students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
Communications	Humanities	
Math/Natural Science	Social Sciences	
25 additional credits (required).....		25
3000 and above level courses are required. Students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
Communications	Humanities	
Math/Natural Science	Social Sciences	
<b>Minimum Total Program Credits</b> .....		180

## BUSINESS ADMINISTRATION BS DEGREE - CONCENTRATION IN PROJECT MANAGEMENT

### Description

The Bachelor of Science specialization Project Management provides a graduate with the skills to research, develop, and management projects for business. A bachelor's in project management combines the quantitative and qualitative skills to assess business needs, determine requirements and organize and implement change. Students will learn the fundamentals of business management from the core strategies of planning, leading, organizing and controlling to the basics of accounting with the income statement, balance sheet, and statement of cash flows. Students will be able to apply this general business competency to the field of project management by learning and eliciting project requirements and utilizing current programs to carry out projects- scrum, agile, waterfall. Students will engage in a wide variety of case studies and practical simulations that will teach skills of group dynamics, forecasting, identifying variations, and creating action plans to solve aviation business dilemmas. Students who graduate in this program will secure employment in various industries and specific companies where employers are looking for candidates with a combination of students with business knowledge and a knowledge of specific project management skills.

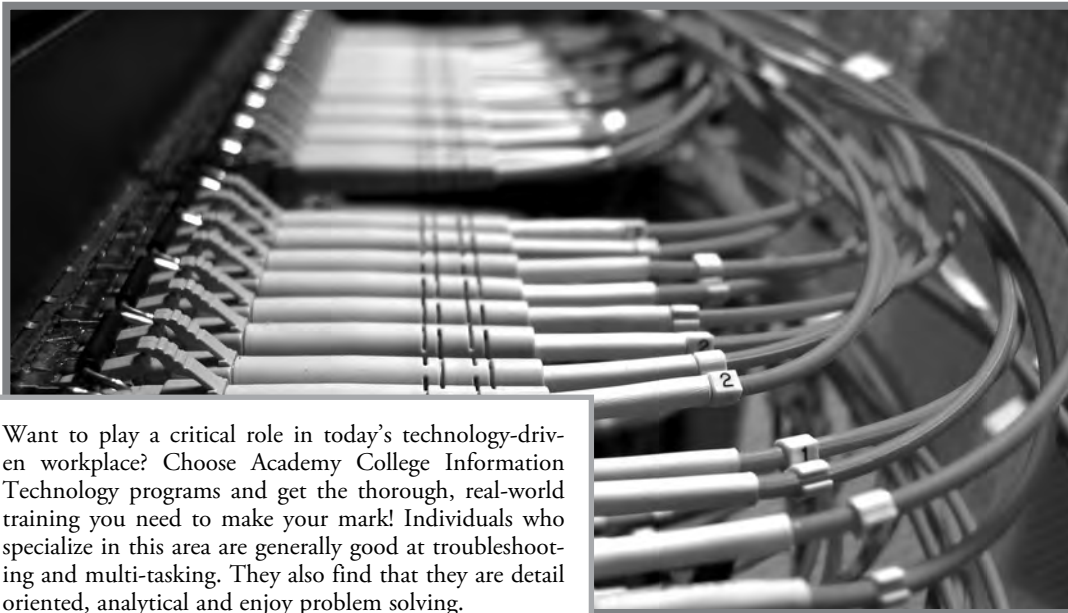
**Minimums:** 180 Quarter Credits  
16 Quarters to complete (48 mo.)

### PROGRAM OUTLINE

BSBAPM

Number	Course Name	Credits
<b>Accounting Courses</b>		
BA2002	Human Resource Management .....	6
AC2002	Accounting for Managers.....	6
<b>Business Courses</b>		
BA2004	Business Management.....	6
BA2015	Business Communication.....	6
BA2006	Organizational Development I .....	6
FI4006	Financial Management .....	6
SM2003	Marketing .....	6
BA4001	Business Strategy .....	6
BA4008	Management of Information Systems.....	6
BA4007	Law and Ethics of Business .....	6
<b>Technical Course Electives</b>		
A minimum of 36 credits is required .....		36
Students may choose from the 2000 or 3000 level Business and/or Technical excluding any General Education classes as an elective.		
CF2090	Professional and Career Development.....	6
<b>Project Management Concentration Courses</b>		
BA3878	Project Management I .....	6
BA4057	Project Management II .....	6
BA2600	Business Analysis .....	6
BA4202	Software Applications in Project Management .....	6
BA4072	Case Studies in Project Management.....	6
BA4082	Practical Project Management and Business Analysis.....	6
<b>General Education Courses</b>		
A minimum of 20 credits is required .....		20
GC2002	Speech (required) .....	5
GC2004	English Composition (required) .....	5
GM2112	College Algebra (required) .....	5
5 additional credits (required).....		5
Including required courses, students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
Communications	Humanities	
Math/Natural Science	Social Sciences	
25 additional credits (required).....		25
3000 and above level courses are required. Students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
Communications	Humanities	
Math/Natural Science	Social Sciences	
<b>Minimum Total Program Credits</b> .....		180

# INFORMATION TECHNOLOGY PROGRAMS



Want to play a critical role in today's technology-driven workplace? Choose Academy College Information Technology programs and get the thorough, real-world training you need to make your mark! Individuals who specialize in this area are generally good at troubleshooting and multi-tasking. They also find that they are detail oriented, analytical and enjoy problem solving.

Our Information Technology programs foster key technology and interpersonal communication skills, through extensive hands-on experience and Microsoft and CompTia (CompTia A+, CompTia Network+) certification opportunities.

As a student in this program, you'll learn about computer hardware, software and operating systems, and gain vital hands-on knowledge of networks. Academy College has integrated a number of computer exams into specific course curricula. Students successfully completing a program and a variety of the certification exams are fully prepared to launch their IT careers and become key players in the computer industry.

## **Information Technology**

> Bachelor of Science Degree

## **Network Administration**

> Associate of Applied Science Degree



# INFORMATION TECHNOLOGY BS DEGREE

## Description

The Computer Science Program provides foundational information technology knowledge, practical experience, opportunities for career exploration, and soft-skills development to help students prepare for entry-level careers in Information Technology. Students who enroll in the Computer Science Program are not expected to have any previous technical skills or knowledge, aside from basic computer literacy skills. The Computer Science Program teaches the broad knowledge of computer science serving as a foundation for on-going lifelong learning based on computing and mathematics appropriate to the discipline covering the types of practical real-world problems students may encounter, from programming, networking, and information security to more complex and advanced computing systems models. Students learn the technical skills and soft skills needed to succeed in entry-level Information technology professions such as a Junior Network Administrator, Technical Analyst, Security Analyst or Computer Programmer.

**Minimums:** 180 Quarter Credits  
16 Quarters to complete (48 mo.)

## PROGRAM OUTLINE

BSIT

Number	Course Name	Credits
--------	-------------	---------

### Computer Science & Programming Courses

CS2112	Operating Systems	6
CS2125	TCP / IP	6
CP2301	Programming Concepts	6
CS3221	Network +	6

### Areas of Concentration Courses

A minimum of 30 credits is required	30
Students may choose from the 1000 level and above courses in the areas of CS and CP provided that prerequisites are met.	
A minimum of 6 credits is required	6
Students may choose from the 3000 level and above courses in the areas of CS and CP provided that prerequisites are met.	

### Technical Course Electives

A minimum of 18 credits is required	18
Students may choose from the 1000 or above technical category courses except DT provided that prerequisites are met.	

### Business Course

BA4008	Management Information Systems	6
--------	--------------------------------	---

### Computer Science Major Courses

CP4101	.Net Development	6
CS4010	Systems Analysis	6
CS4004	Database Design	6
CS4005	Network Security & Cybercrime	6
CS4006	Network Design/Installation	6
CS4008	Internet and Wireless Technologies	6
CS4107	Computer Science - Senior Project	6

### General Education Courses

A minimum of 54 credits is required	54	
GC2002	Speech (required)	5
GC2004	English Composition (required)	5
GM2112	College Algebra (required)	5
A minimum of 15 additional credits (required)	15	
Including required courses, students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
Communications	Humanities	
Math/Natural Science	Social Sciences	
A minimum of 24 additional credits is required	24	
GM3016	Discrete Math (required)	5
A minimum of 19 credits (required)	19	
3000 and above level courses are encouraged but not required.		
Students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
Communications	Humanities	
Math/Natural Science	Social Sciences	

**Minimum Total Program Credits** ..... 180

# NETWORK ADMINISTRATION AAS DEGREE

## Description

The Network Administration Program is designed to enable graduates to acquire the necessary knowledge, skills and preparedness to take the Cisco, CompTIA and Microsoft Certification Exams. Students get real hands on learning experience directly related to the real world working environment in professional classrooms settings led by certified and highly qualified experienced professors. Upon completion of the Network Administration Program, students may seek entry-level employment in Information Technology, Information Security or a variety of industries where basic computer Literacy skills are needed.

**Minimums:** 102 Quarter Credits  
8 Quarters to complete (24 mo.)

## PROGRAM OUTLINE

ANSY

Number	Course Name	Credits
--------	-------------	---------

### Computer Science Courses

CS2112	Operating Systems	6
CS2125	TCP / IP	6
CS3216	A+	6
CS3221	Network +	6
CS3213	Windows Desktop Operating Systems	6
CS3121	Linux / Unix Systems	6
CS3311	Network Services & Infrastructure	6
CS3214	Windows Server	6

### Technical Course Electives

A minimum of 24 credits is required	24
Students may choose from technical category courses except DT provided that prerequisites are met. Review your technical electives when considering transferring into one of the Bachelor Degree programs.	

### General Education Courses

30 credits is required	30	
GC2002	Speech (required)	5
GC2004	English Composition (required)	5
GM2112	College Algebra (required)	5
A minimum of 15 additional credits (required)	15	
Including required courses, students must choose a minimum of one (1) course from each discipline depending on prerequisites. Discipline areas are:		
Communications	Humanities	
Math/Natural Science	Social Sciences	

**Minimum Total Program Credits** ..... 102

# INFORMATION TECHNOLOGY

## BS DEGREE – CONCENTRATION IN CLOUD COMPUTING

### Description

The Information Technology Program provides foundational computer technology knowledge, practical experience, opportunities for career exploration, and soft-skills development to help students prepare for entry-level careers in Information Technology. Students who enroll in the Information technology Program are not expected to have any previous technical skills or knowledge, aside from basic computer literacy skills. The Information technology Program teaches the broad knowledge of information technology serving as a foundation for on-going lifelong learning based on computing and mathematics appropriate to the discipline covering the types of practical real-world problems students may encounter, from programming, networking, and information security to more complex and advanced computing systems models. The Cloud Computing concentration will focus students on the skills necessary for them to understand the building blocks of a cloud ecosystem. Adding infrastructure and services, such as the creation of apps and web services, storage, back up and disaster recovery of important data. Hosting of Websites and Blogs, Streaming Media servers. Creating Software as a Service Platforms and utilizing AI and Machine Learning to analyze data for patterns and predictions. Students learn the technical skills and soft skills needed to succeed in entry-level Information technology professions such as a Junior Network Administrator, Technical Analyst, Security Analyst or Computer Programmer.

**Minimums:** 180 Quarter Credits  
16 Quarters to complete (48 mo.)

### PROGRAM OUTLINE

BSIT-CC

Number	Course Name	Credits
<b>Computer Science &amp; Programming Courses</b>		
CS2125	TCP / IP.....	5
CS3216	A+.....	6
CP2301	Programming Concepts.....	5
CS3023	Computer Security.....	6
CS3221	Network+.....	6
CS2019	Database Concepts.....	5
CS3105	Web Development.....	6
CP3113	SQL Database Systems.....	6
CS3121	Linux / Unix Systems.....	6
CS3214	Windows Server.....	6
CS3222	Network II: Routing and Switching.....	6
CP3050	Computer Architecture.....	6
CP3007	Scripting.....	6
CP4101	.NET Development.....	6

#### Technical Course Electives

A minimum of 18 credits is required ..... 18  
Students may choose from the 3000 level CP or CS technical category courses provided that the prerequisites are met.

#### Cloud Computing Concentration Courses

CS3315	Data Visualization.....	6
CS3420	Cloud Computing.....	6
CS3430	Windows Azure.....	6
CS4021	Machine Learning.....	6
CS4020	Amazon Web Services.....	6
CS4035	Data Center Planning and Design.....	6

#### General Education Courses

A minimum of 20 credits is required ..... 20  
GC2002 Speech (required).....5  
GC2004 English Composition (required).....5  
GM2112 College Algebra (required).....5  
GH2001 Ethics.....5

25 additional credits (required) ..... 25

3000 and above level courses are required. Students must choose a minimum of one (1) course from each discipline depending on pre-requisites. Discipline areas are:

Communications	Humanities
Math/Natural Science	Social Sciences

**Minimum Total Program Credits**..... 180

# INFORMATION TECHNOLOGY

## BS DEGREE – CONCENTRATION IN CYBERSECURITY

### Description

The InformationTechnology Program provides foundational computer technology knowledge, practical experience, opportunities for career exploration, and soft-skills development to help students prepare for entry-level careers in Information Technology. Students who enroll in the Information technology Program are not expected to have any previous technical skills or knowledge, aside from basic computer literacy skills. The Information technology Program teaches the broad knowledge of information technology serving as a foundation for on-going lifelong learning based on computing and mathematics appropriate to the discipline covering the types of practical real-world problems students may encounter, from programming, networking, and information security to more complex and advanced computing systems models. For students in the Cybersecurity concentration will also learn the tenants of Information Security, how to scan for and mitigate vulnerabilities on a computer system and networks. How to work with and configure a variety of security tools to secure workstations and networks from attack by cyber-criminals. Students will also learn the importance threat intelligence and developing security policies as part of a full information security plan. Students learn the technical skills and soft skills needed to succeed in entry-level Information technology professions such as a Junior Network Administrator, Technical Analyst, Security Analyst or Computer Programmer.

**Minimums:** 180 Quarter Credits  
16 Quarters to complete (48 mo.)

### PROGRAM OUTLINE

BSIT-CS

Number	Course Name	Credits
<b>Computer Science &amp; Programming Courses</b>		
CS2125	TCP / IP.....	5
CS3216	A+.....	6
CP2301	Programming Concepts.....	5
CS3023	Computer Security.....	6
CS3221	Network+.....	6
CS2019	Database Concepts.....	5
CS3105	Web Development.....	6
CP3113	SQL Database Systems.....	6
CS3121	Linux / Unix Systems.....	6
CS3214	Windows Server.....	6
CS3222	Network II: Routing and Switching.....	6
CP3050	Computer Architecture.....	6
CP3007	Scripting.....	6
CP4101	.NET Development.....	6

#### Technical Course Electives

A minimum of 18 credits is required ..... 18  
Students may choose from the 3000 level CP or CS technical category courses provided that the prerequisites are met.

#### Cybersecurity Concentration Courses

CS4027	Forensics and Incident Response.....	6
CS3024	Intrusion and Detections Systems.....	6
CS3025	Network Security.....	6
CS3215	Windows Server II.....	6
CS4026	Ethical Hacking and Structured Defenses.....	6
CS4028	Cyberwarfare.....	6

#### General Education Courses

A minimum of 20 credits is required ..... 20  
GC2002 Speech (required).....5  
GC2004 English Composition (required).....5  
GM2112 College Algebra (required).....5  
GH2001 Ethics.....5

25 additional credits (required) ..... 25

3000 and above level courses are required. Students must choose a minimum of one (1) course from each discipline depending on pre-requisites. Discipline areas are:

Communications	Humanities
Math/Natural Science	Social Sciences

**Minimum Total Program Credits**..... 180

# COURSE DESCRIPTIONS

---

TECHNICAL COURSE CATEGORIES	CODE	PAGE
Accounting	AC	19
Aviation Flight	AF	19-20
Aviation	AV	20-21
Business Administration	BA	21-22
Career Focus	CF	22
Computer Programming	CP	22
Computer Science	CS	22-24
Dispatch Training	DT	24-25
Finance	FI	25
Sales & Marketing	SM	26

Course numbers are prefaced by two letters that indicate the discipline.

The four numbers indicate the level as follows:

1000 - 2999

*Lower Level*

3000 - 4999

*Upper Level*

GENERAL EDUCATION COURSES	CODE	PAGE
Communications	GC	25
Humanities	GH	25-26
Math/Natural Sciences	GM	26
Social Sciences	GS	26

---

**AC2000 Accounting for Managers****6 Credits**

This course embodies training in applications and principles of general accounting practice and how that applies to the role of a manager in any business. Topics covered will be operational strategies and how those impact the balance sheet and income statements. Transactions and postings of accounting entries will be compiled and analyzed to create statements that can be used by management.

---

**AC2001 Principles of Accounting I****6 Credits**

This course embodies training in applications and principles of general accounting practice and procedures. It provides exposure to many business topics including accounting journals and ledgers, preparation of financial statements, internal control systems, forms of business organization, and typical business practices. The course is taught as if the student has had no prior training in either accounting or bookkeeping.

---

**AC2002 Principles of Accounting II****6 Credits**

This course focus is the development of accounting information for the use of business owners, lenders, managers, and other parties interested in the financial affairs of a business. The specific course objective is to provide a strong foundation for advanced accounting studies. The course will include preparation of employment forms, payroll accounting, and computer assisted accounting. Prerequisite: Principles of Accounting I

---

**AC2003 Intermediate Accounting I****6 Credits**

This course is an essential core course of financial accounting. It emphasizes the accounting procedures for financial reporting within the broader conceptual framework underlying accepted accounting practices. The course focuses on analysis of balance sheet accounts and application of accounting theory. Prerequisite: Principles of Accounting II

---

**AC2004 Intermediate Accounting II****6 Credits**

This course focuses on owner's equity, income statements, and special problems in income determination. Accounting theory is continually emphasized, based on rule of the FASB and various governmental and professional organization accounting standards. Prerequisite: Intermediate Accounting I

---

**AC2007 Financial Statement Analysis****6 Credits**

This course is designed to assist the student in evaluation of financial statements. The students will develop an understanding of the critical ratios necessary to dissect and analyze the financial statement. Students will use the Web to obtain financial statements of publicly traded companies and obtain the ratios for high performers in the industry to discover the differences between poor, average, and high performing competitors. Prerequisite: Principles of Accounting II

---

**AC2008 Computerized Accounting****6 Credits**

This course introduces software commonly used for accounting. Students will learn how to use Quickbooks and Excel in different business environments with hands-on experience initiating transactions, record financial data, maintain books for a full accounting cycle, and generate and analyze financial reports. Prerequisite: Principles of Accounting I

---

**AC2105 Taxation****6 Credits**

This course provides the fundamentals of taxation by introducing students to both the compliance and the conceptual aspects of taxation. Individual taxation topics will provide students with an understanding of individual taxation, tax accounting methods, exclusions, business and personal deductions, gross income, property transactions, depreciation, and depletion. Corporate and partnership taxation topics will provide students with an understanding of specially taxed corporations, securities, pension and profit-sharing plans, partnerships, estates and trusts, corporations, and capital changes. Prerequisite: Principles of Accounting II

---

**AC3001 Cost Accounting****6 Credits**

This course introduces the underlying concepts and objectives for the cost system. Cost accumulation procedures such as job order costing and process costing are covered in depth. Planning and control procedures for factory overhead, materials, and labor are also examined in detail. The course concludes with an introduction to planning and control procedures of sales and costs. Prerequisite: Principles of Accounting II

---

**AC3004 Corporate & Partnership Tax****6 Credits**

This course covers advanced business taxation topics related to specially taxed corporations, securities, pension and profit-sharing plans, partnerships, decedents, estates and trusts, corporations, and capital changes. It also includes capital gains and losses, tax-deferred transactions, inventories, and tax research. Prerequisite: Taxation

---

**AC4002 Auditing****6 Credits**

This course introduces the student to basic auditing concepts and their relation to the field of accounting, the purposes of auditing, the differences between the functions of public and internal auditors, and the professional ethics and legal responsibilities of the auditor. Throughout this course, students are trained in professional auditing procedures and report writing as they apply to various reporting requirements. Although many of the procedures are equally as applicable to internal auditing practices, the major emphasis is placed on the external audit function. Students learn many of the procedures by completing a comprehensive audit case study. Prerequisite: Intermediate Accounting II

---

**AC4003 Managerial Accounting****6 Credits**

This course offers the student further expansion of the topics covered in Cost Accounting. The primary focus of this course is the analysis of various cost problems and the analytical tools available to the cost accountant. It examines complex areas of cost accounting such as flexible budgets and analysis of variances. In addition, other analytical tools such as break-even and cost-volume-profit analysis, linear programming, capital budgeting, and differential cost analysis are covered. Prerequisite: Cost Accounting

---

**AC4004 Comprehensive Accounting Capstone****6 Credits**

This course, divided into four parts designed to coincide with the CPA exam sections, is designed to draw on the skills learned throughout the accounting program, including tax preparation and business law. Students will apply these skills to realistic accounting situations on four comprehensive projects, creating materials that can be presented to prospective employers to demonstrate a student's abilities as a competent accountant. Prerequisites: 30 credits of AC, BA or FI 5000 level category courses needed and permission of the Director of Education

---

**AC4005 Advanced Accounting****6 Credits**

This course gives students a broad exposure to accounting for a wide variety of business entities. It covers accounting for the formation, dissolution, and liquidation of partnerships, governmental accounting, accounting for stock investments and business operations, consolidation statements, and financial statement analysis. Problems covered in this course will require students to apply the theory and principles of accounting learned in previous courses. Prerequisite: Intermediate Accounting II

---

**AF2102 Private Pilot Flight Training 1****1 Credit**

This course provides the student with hands-on training in the safe conduct of basic flight. Instruction in pre-flight inspection, engine and ground operations, and use of flight controls and trim prepares the student for takeoffs, climbs, turns, slow flight, descents, and landings. Basic radio communication skills are also acquired. Additionally, this course prepares the student for his/her first solo flight. Prerequisite: Second Class Medical Certificate

---

**AF2103 Private Pilot Flight Training 2****1 Credit**

This course provides the student with training in solo flight. It also provides hands-on training/instruction in more advanced operations such as: night flying, instrument flight, and cross country operations. Solo flight experience is increased further through local and cross-country flights. This course prepares the student for the private pilot practical test. Prerequisite: Private Pilot Flight Training 1

---

**AF2120 Instrument Flight Training 1****2 Credits**

This course provides the student with hands-on training in the safe conduct of basic flight by reference to instruments. Instruction in airplane flight altitude control, flight maneuvers, and situational awareness by reference to instruments lays the foundation for more advanced instrument flight maneuvers. In addition, electronic navigation skills are expanded and improved and holding patterns are introduced. This course prepares the student for progression into more advanced IFR flight operations. Prerequisite: Private Pilot Flight Training 2, Private Pilot Aviation Principles

---

**AF2121 Instrument Flight Training 2****2 Credits**

This course provides the student with hands-on training in the safe conduct of flight by reference to instruments. Instruction areas consist of holding patterns, instrument approaches, and IFR cross-country operations. Additionally, ATC radio communication skills are increased. This course prepares the student with the necessary skills to act safely as an instrument rated pilot. Prerequisite: Instrument Flight Training 1, Private Pilot Aviation Principles

---

**AF2122 Commercial Flight Training 1****2 Credits**

This course starts the process for the student to build the knowledge, skill, and aeronautical experience necessary towards meeting the requirements for the addition of a Single-Engine airplane commercial pilot certificate. This is accomplished by reviewing VFR cross-country operations, night operations, and increasing solo flight proficiency in these areas. Prerequisite: Instrument Flight Training 2, Instrument Aviation Principles

---

**AF2123 Commercial Flight Training 2****2 Credits**

This course continues the process for the student to build the knowledge, skill, and aeronautical experience necessary towards meeting the requirements for the addition of a Single-Engine airplane commercial pilot certificate. This is accomplished by reviewing basic VFR maneuvers and introducing commercial maneuvers and increasing solo flight proficiency in these areas. Additionally, complex aircraft operations are introduced. Prerequisite: Commercial Flight Training 1, Instrument Aviation Principles

---

**AF2124 Commercial Flight Training 3****3 Credits**

This course completes the process for the student building the knowledge, skill, and aeronautical experience necessary towards meeting the requirements for the addition of a Single-Engine airplane commercial pilot certificate. This is accomplished by mastering all VFR commercial maneuvers and complex aircraft operations, and also increasing solo flight proficiency in these areas. Prerequisite: Commercial Flight Training 2, Instrument Aviation Principles

---

**AF3203 Multi-Engine Ground/Flight Training****1 Credit**

This course provides the student with the knowledge, skill, and aeronautical experience necessary to meet the requirements for the addition of a multi-engine airplane class rating to an existing commercial pilot certificate. This is accomplished by learning multi-engine aircraft maneuvers, flight principles, emergencies, and obtaining the necessary knowledge, instructional background for a multi-engine commercial pilot. Prerequisite: Commercial Flight Training 3, Commercial Aviation Principles

---

**AF3207 Instrument Instructor Ground/Flight Training 1 Credit**

This course provides the student with the knowledge, skill, and aeronautical experience necessary to meet the requirements for the addition of an instrument airplane rating to an existing instructor certificate. This is accomplished by reviewing instrument attitude flying, instrument approach procedures, IFR flight planning, and obtaining the necessary knowledge and instructional background for an instrument flight instructor. Prerequisite: Single-Engine Instructor Flight Training

---

**AF3212 Single-Engine Instructor Flight Training 2 Credits**

This course provides the student with the knowledge, skill, and aeronautical experience necessary to meet the requirements for the addition of a Single-Engine airplane initial instructor certificate. This is accomplished by reviewing VFR flight maneuvers, emergencies, VFR flight planning, and obtaining the necessary knowledge and instructional background required to instruct private and commercial pilot students. Additionally, time is spent ensuring knowledge of the fundamentals of instruction. Prerequisite: Multi-Engine Ground/Flight Training, Commercial Aviation Principles

---

**AF4001 Multi-Engine Instructor Ground/Flight Training 3 Credits**

This course provides the student with the knowledge, skill, and aeronautical experience necessary to meet the requirements for the addition of a multi-engine airplane class rating to an existing instructor certificate. This is accomplished by reviewing multi-engine aircraft maneuvers, flight principles, emergencies, and obtaining the necessary knowledge, instructional background for a multi-engine flight instructor.

---

**AV2032 Aviation Human Factors and Flight Physiology 4 credits**

This course explores the human physiological capabilities that make flight possible as well as the limitations that can exist in a sometimes inhospitable atmosphere. Topics to be discussed include: aeromedical factors, physiology of flight, psychology of flight, human behavior, how human factors affect flight operations, risk management, and crew resource management.

---

**AV2033 Aviation Weather 4 credits**

This course provides an in-depth analysis of concepts in meteorology, including air mass analysis, weather fronts, fog, aircraft icing, thunderstorms, tornadoes, hurricanes, turbulence, and National Weather Service products. Each topic is discussed in the context of its cause and potential effect on aircraft operations. Students must demonstrate their ability to assimilate various weather reports and forecasts to make timely and safe decisions concerning aircraft operations under ever-changing weather conditions.

---

**AV2034 Aerodynamics 4 credits**

This course outlines the theory and practical application of aerodynamics as it relates to flying an airplane. Relevant principles of physics and aerodynamics are discussed from a pilot's point of view. Topics include: power and thrust producing airplanes, slow speed flight and associated LOC and stall accidents, stability, and high speed transonic and supersonic flight. Aircraft performance is also discussed with focus placed on turboprop and jet aircraft.

---

**AV2101 Private Pilot Aviation Principles 5 Credits**

This course is designed to meet the requirements in the Federal Aviation Regulations for the Aeronautical Knowledge required for Private Pilot - Airplane Rating, including such topics as aerodynamics, aviation regulations, navigation, and weather. In addition, the course will prepare the student to take the FAA Private Pilot - Airplane Rating Knowledge Test and the FAA Practical Test Oral Exam. The student must pass the FAA Private Pilot Airline (PAR) Airman Knowledge Test to pass this course.

---

**AV2104 Instrument Aviation Principles\* 5 Credits**

This course is designed to meet the requirements in the Federal Aviation Regulations for the Aeronautical Knowledge required for Instrument Rating - Airplane, including such topics as instrument navigation, weather, and instrument operations. In addition, the course will prepare the student to take the FAA Instrument Rating - Airplane Knowledge Test and the FAA Practical Test Oral Exam. The student must pass the FAA Instrument Rating Airplane (IRA) Airman Knowledge Test to pass this course. Prerequisite: Private Pilot Aviation Principles, Private Pilot Flight Training 1 \**Private Pilot Flight Training 2 is an additional prerequisite for all students in pursuit of an FAA Restricted ATP Certificate.*

---

**AV2105 Commercial Aviation Principles\* 5 Credits**

This course is designed to meet the requirements in the Federal Aviation Regulations for the Aeronautical Knowledge required for Commercial Pilot - Airplane Certificate, including such topics as weather, navigation, commercial operations, aviation regulations, and aerodynamics. In addition, the course will prepare the student to take the FAA Commercial Pilot - Airplane Knowledge Test and the FAA Practical Test Oral Exam. Student must pass the FAA Commercial Pilot - Airplane Knowledge Test to pass this course. Prerequisite: Instrument Aviation Principles, Instrument Flight Training 1 \**Instrument Flight Training 2 is an additional prerequisite for all students in pursuit of an FAA Restricted ATP Certificate.*

---

**AV2127 Introduction to Aviation 4 credits**

This course is designed to give the student a broad overview of the business of aviation and possible career options in the industry. Topics include aviation history, airline and general aviation operations, and preparation for aviation hiring practices.

---

**AV2128 Air Traffic Control and Airspace 4 credits**

This course provides an overview of how air traffic control and airline dispatch operations fit into the modern commercial aviation system. Students will learn the history of ATC and airspace in the United States, FAA regulations, the air traffic controller's and dispatcher's responsibilities, NAVAIDS, airspace, enroute, terminal, tower, and radar and non-radar ATC operations.

---

**AV3120 Aviation Safety Management 4 credits**

This course provides a detailed introduction to the various factors affecting aviation safety. Topics discussed will include risk management, crew resource management, aviation safety management, safety studies and statistics, and accident/incident investigation and analysis. Students will also be introduced to the International Civil Aviation Organization's Safety Management System (SMS). Prerequisite: Private Pilot Aviation Principles

---

**AV3125 Aviation Management 4 credits**

This course examines the functional roles within aviation management from the airlines, through the FAA and down to the local operator. Students will explore career opportunities and interact with professionals in the field.

---

**AV3214 Introduction to Aircraft Systems 4 credits**

This course provides background on systems found on light and large aircraft including: piston and turbine engines, fuel, pressurization, pneumatic, hydraulic, flight control, and avionics systems.

---

**AV3124 Unmanned Aircraft (UAS) 4 credits**

Small Unmanned Aircraft Systems (SUAS), or "drones", are finding their way into many industries in increasingly diverse ways. It is an incredibly exciting technology that is becoming more technically advanced, yet more cost effective, allowing it to be utilized by anyone from the hobbyist up to highest levels of government. Some popular uses of this technology include professional photography, land surveying, emergency services life-saving operations, as well as a variety of military and police

activities. This has led the Federal Aviation Administration (FAA) to create regulations regarding their operation. This course will guide you through the exciting career opportunities available as well as educate you in the safe and legal operation of a SUAS. This course is designed to educate the remote pilot in the pertinent regulations, flight operations, and safety precautions related to operating a SUAS, ultimately leading to the issuance of an FAR Part 107 Remote Pilot Airman Certificate.

---

**AV3215 Aviation Law 4 credits**

This course offers an introduction to the major aspects of aviation law practices. Students will become familiar with the origins, applications, and ramifications of laws and administrative regulations of concern to the aviation community. Part 14 CFR, FAA rulemaking and regulatory actions, and international aviation law are major points of discussion. Additionally, students will be introduced to Public Law 112-153 also known as the Pilot's Bill of Rights (PBR). Prerequisite: Introduction to Aviation

---

**AV3304 Certified Flight Instructor Principles\* 6 credits**

This course gives students a working knowledge of the fundamentals of instructing including the learning process, effective teaching, evaluation and testing, course development, lesson planning, and classroom techniques. It also includes flight lesson planning, evaluation of flight performance, pre-flight and post-flight briefings, and analysis and correction of common student errors. In addition, this course will prepare students to take the FAA FOI and FIA written tests. Students must pass the FAA Fundamentals of Instructing (FOI) and the Flight Instructor-Airplane (FIA) Airman Knowledge Tests to pass the course. Prerequisite: Commercial Aviation Principles, Commercial Flight Training 1 \**Multi-Engine Ground/Flight Training is an additional prerequisite for all students in pursuit of an FAA Restricted ATP Certificate.*

---

**AV3340 Aviation Insurance and Risk Management 4 credits**

Students will leave this course understanding the concepts of insurance and risk in the aviation industry. They will learn techniques to identify risk and how to mitigate inherent risk through the use of insurance.

---

**AV3555 Airport and FBO Operations 4 credits**

This course provides background on systems found on light aircraft. Students will examine the general aviation industry and the factors that impact growth, profitability, and sustainability.

---

**AV4004 Transport Category Aircraft Operations and Systems 4 Credits**

This course provides an in-depth background and operating principles of systems typically found on large transport category aircraft including: gas turbine engines, fuel, pressurization, pneumatic, electrical and APU, oxygen, rain and ice protection, landing gear, brakes and anti-skid, hydraulic, avionics, and flight controls. Additionally, aircraft performance, weight and balance, procedures both normal and emergency, and operational information will be covered. Prerequisite: Instrument Aviation Principles and Introduction to Aircraft Systems

---

**AV4006 Air Carrier Operations 4 Credits**

This course provides an insight into the operations and management of a modern airline. It covers the history of airlines, organization, regulation, scheduling, operations, management, and marketing strategies. Students will tour local airline management offices and write and present a major project focusing on the industry. Prerequisite: Introduction to Aviation

---

**AV4007 Aviation Security 4 Credits**

This course is designed to introduce the student to all aspects of security in the aviation industry. Topics include Federal Aviation Regulations regarding the air transport industry and general aviation, duties of aviation security coordinators, law enforcement agencies, threat recognition and assessment, detection devices, and threat areas. Prerequisite: Private Pilot Aviation Principles and Introduction to Aviation

---

**AV4011 Crew Resource Management****4 Credits**

This course provides students with an introduction to crew resource management operations and procedures as would be experienced in a transport category, multi-pilot crew aircraft. Fundamentals of, operations with, pitfalls, crew dynamics, crew rest, and human factors are all discussed in the context of operations with pilots, flight attendants, ground service, and dispatchers. Prerequisite: Certified Flight Instructor Principles and Introduction to Aircraft Systems

---

**AV4012 Aircraft Electronic Flight Systems****4 Credits**

This course provides an in-depth background and operating principles of Electronic Flight Systems typically found on both small GA and large transport category aircraft including: Aircraft integrated flight control and instrument systems, FMS, Autopilots, Garmin G1000, and Bombardier CRJ EFIS and controls. Learning is accomplished through either lecture, discussion, or hands-on training utilizing computer-based interactive training software. Prerequisites: Instrument Flight Training 2 and Intro to Aircraft Systems

---

**AV4013 International and Oceanic Flight Operations and Navigation****4 Credits**

This course provides an in-depth background of international and oceanic flight operations and navigation. Students will learn about International Operational Requirements, RVSM, International ADS-B, Oceanic RNP, ETOPS, eAPIS, and MNPS among other topics concerning international operations. Prerequisite: Instrument Flight Training 2 and Aviation Weather

---

**BA2001 Business Law****6 Credits**

This course provides an overview of business law. A knowledge of business law is indispensable for addressing the legal questions that arise periodically during the course of business operations. This course does not try to train students to be attorneys; instead, it introduces students to various aspects of legal topics and terminology and gives them a better understanding of when an attorney's services should be used. These topics include property, e-commerce, contracts, agency, negotiable instruments, corporations, and the legal liability of accountants.

---

**BA2002 Human Resource Management****6 Credits**

This course explores the role of a human resource manager in an organization. Students will study Total Quality Management, equal employment laws and legislation, affirmative action, employee recruiting and training, employee performance appraisals, employee rights and compensation & benefits programs, as well as employee motivation and effective communication in the workplace.

---

**BA2004 Business Management****6 Credits**

This course produces a clear, concise, current, and thorough approach to basic skills of business management. The course addresses traditional management challenges as well as contemporary issues related to people, quality, ethics, and the global environment.

---

**BA2006 Organization Development I****6 Credits**

Students in this course will study the functions of groups and organizations, and study the psychological foundations of behavior in the workplace. Student will analyze and examine multiple case studies on creating a positive and empowering workplace that maximizes the efficient and profitable development of the organization.

---

**BA2010 Management of e-Commerce****6 Credits**

This course provides a clear and concise approach to the expanding field of e-commerce. The course addresses the emerging technological changes taking place in this area and contemporary issues related to people, quality, ethics, and the global environment.

---

**BA2012 Office and Clerical Operations****6 Credits**

This course acquaints the student with the paper flow of business, focusing on the needs for records retention, and stressing the importance of management of information within the business environment. In addition, this course will cover the importance of communication to help the student become a better office manager by showing how to change perspective and behavior, leading to job satisfaction and increasing productivity.

---

**BA2013 Staffing & Human Relations****6 Credits**

This course focuses on the staffing side of management-employee relations. Students will learn how to develop an effective team in the workplace and how to achieve a successful person/job and person/organization match. Components of this class include external influences, staffing support systems, staffing, activities, and management.

---

**BA2015 Essentials of Business Communication****6 Credits**

This course focuses on basic writing skills and then applies these skills to a variety of business forms (memos, letters, reports, and resources). Modern day communication topics on the Internet, e-mail usage, diversity, and business ethics will also be covered.

---

**BA2016 Office Management****6 Credits**

This course is designed to teach students the functions of management, help them identify their own leadership styles, and provide solutions to common problems that arise in the workplace.

---

**BA2018 Legal Office Transcription****6 Credits**

This course introduces students to transcription of legal documents, including bills of sale, petitions for dissolution of marriage, estate and tax matters, etc. Preparation of legal documents will also be covered.

---

**BA2114 Human Resources Administration Project****6 Credits**

This course is an application of information students have acquired in all course work in this program. Students will study how an organization interacts with its environment, technology, and climate in the business community today. Student teams will research, write, and present information on a selected or assigned company. Prerequisite: Business Management *or* Staffing & Human Relations *or* Human Resources Management

---

**BA2600 Business Analysis****6 Credits**

This introductory course in business analysis allows students the opportunity to explore projects in business and plan and organize the project by creating the scope and eliciting requirements. Business analysts work in tandem with management to explore process creation. This course is typically paired with BA 3878 Project Management I.

---

**BA3005 Legal Office Assistant****6 Credits**

This course gives students foundational knowledge of the legal office and the duties required of legal support staff. Topics include administrative office duties, the court structure, and litigation procedures, among others. Prerequisite: Legal Office Transcription

---

**BA3876 Data Management in Human Resources****6 Credits**

This course has a focus on all the possible data metrics that can be accumulated in the course of HR Management practices. Students will study various data management systems and look at ways to analyze and interpret data points to make effective management decisions.

---

**BA3878 Project Management I****6 Credits**

This course introduces students to the field of Project Management and the resources available at the PMI site. Students will research techniques and software used and build a project from the ground up. Professional speakers from the profession will be brought into the class to give a real-world interface to the degree path.

---

**BA4001 Business Strategy****6 Credits**

This course presents business strategy and functions (marketing, accounting, and management) within the context of a business as an integrated, interrelated whole, using real examples, cases, and personal profiles. It illustrates how the various business functions interrelate to accomplish goals. Projects create opportunities for students to learn critical thinking and decision-making skills while providing practical experience. Prerequisite: Business Management

---

**BA4002 Business Communication****6 Credits**

This course focuses on developing written and verbal communications for the workplace. Students will study real-world cases and evaluate corporate communication policies and procedures. Working in teams, students will plan and write communications policies for a business setting. Collaborative work groups, critical thinking skills, written and verbal skills, and job search skills will be emphasized. Prerequisite: Business Management *or* Office and Clerical Operations *or* Essentials of Business Communication

---

**BA4003 Managing Human Resources****6 Credits**

This course will provide students with a comprehensive understanding of the ways that organizations and their human resource departments manage people. The course enables students to view the issues and challenges of this field from the viewpoint of the employee, employer, and society. Human Resource managers are no longer limited to service functions such as recruiting and selecting employees. Today, HR managers assume an active role in strategic planning and decision making at their organizations. Meeting challenges head-on and using human resources effectively are critical to the success of any work organization. Prerequisite: Business Management *or* Human Resource Management

---

**BA4004 Economics of Money and Banking****6 Credits**

This course conveys the principles of the economics of money and banking in a conversational style through a series of extended examples. The focus is on presenting basic concepts in-depth and using a step-by-step analysis. Prerequisite: Principles of Accounting I

---

**BA4007 Law and Ethics of Business****6 Credits**

This course provides a concise explanation of the statutory and case laws that affect business. Students will learn how to use the law as a source for business decision-making. Students will review excerpted cases in the language of the court and will study managerial case studies on business ethics. These cases show the relevance of ethics as it applies to business by requiring students to make value trade-offs that will confront them in their professional lives. Prerequisite: Business Management *or* Business Law

---

**BA4008 Management Information Systems****6 Credits**

This course focuses on management issues surrounding information and telecommunications systems. This course views information technology from the perspective of managers—from the CEO to the first line manager—and presents fundamental knowledge essential to managing information technology successfully within a larger organization. It considers strategic and operational issues, the significance of rapidly advancing technology, and human and organizational issues related to technology introduction and use. The course also addresses management systems and models of successful behavior that capitalize on opportunities and avoid the numerous potential pitfalls. Prerequisite: Business Management *or* Operating Systems

---

---

**BA4055 Employee Benefits and Compensation****6 Credits**

Students will focus on the construction and development of a benefit package and compensation strategies that enhance organizational development. Students will focus on viewing the topic from both the employee and the employer perspective. Students will analyze various employee packages in the real world to gain needed perspective.

---

**BA4057 Project Management II****6 Credits**

This course is a continuation of Project Management I. Students will continue to refine and develop their analytics skills and expertise in initiating and ultimately closing projects. The class will deal with examples of projects from a wide variety of industries and companies from small partnerships to multinational conglomerates. The course will bring in a wide variety of professionals and utilize widely developed resources from the Project Management Institute.

---

**BA4072 Case Studies in Human Resource****Management****6 Credits**

These two courses are paired together and provide a final quarter of study for the human resource graduate. Students will reach out into industry and interact with professionals in the field to learn and apply more concepts as they conclude their degree. Practical real-life business situations and challenges are discussed with specific action plans generated. Students will gain from outside professionals called into the class to offer expertise and advice as their career options are formulated.

---

**BA4082 Practical Project Management and****Business Analysis****6 Credits**

These courses are taken in tandem and will integrate the overall business knowledge of the student will real life and real work examples and exploration of project management and business analysis. Students will analyze historical case studies and the establishment of project scope, eliciting requirements, and judging the overall effectiveness of project creation. The courses are structured as symposiums and are students led and student driven with the facilitation of a skilled faculty member.

---

**BA4204 Software Applications in Project****Management****6 Credits**

Students will examine and use software applications in project management that include Visio, Project Manager, Warrfont, SmartSheet, and Excel. Students will explore and analyze the use of computer applications such as Google Suite.

---

**BA4206 Employment Law****6 Credits**

Students will learn about the history of employment law in the United States and how that evolved to present day. Focus on interactions between employers the EEOC and state agencies that govern employment interactions. Students will look at employment contracts and strategies to ensure nondiscrimination in hiring and promotion practices.

---

**BA4603 Leadership in Human Resource****Management****6 Credits**

Students will analyze various cases in leadership and apply those principles to real world situations. Students will engage in real simulations and gauge the effective of various strategies.

---

**CF2011 Internship****6 Credits**

This course is a structured, supervised, career-related work experience that lasts for one quarter. Most Internships are paid; however, some are unpaid. During the Internship, students must work a minimum of 18 hours each week for 11 weeks. Interested students may pick up the application materials from Student Services or their Program Coordinators. The student must complete the required paperwork and submit it to his/her Program Coordinator for approval. This is a Pass/Fail course. The student must submit all course assignments to earn a Pass.

---

**CF2090 Professional and Career Development****6 Credits**

Students in this course will explore the concepts of emotional intelligence, personality profiles, and Myers-Briggs. They will select a professional to reach-out to and establish a relationship. They will set up active LinkedIn profiles and join professional groups. Students will identify six positions to interview for and submit resumes and cover letters. Students will engage in six interviews individually and in group settings. Students will grow outside their comfort zone to become respected professionals in their field.

---

**CP2006 HTML & JavaScripting****6 Credits**

This course focuses on internet applications, locating technical resources, downloading files, and HTML and JavaScript languages.

---

**CP2301 Programming Concepts****6 Credits**

This course introduces students to computer programming and the programming environment using several of the commonly used programming languages. It also provides the student with a basic understanding of computer arithmetic and commonly used computer numbering systems. The most fundamental aspects of producing a modular, well-structured program are covered.

---

**CP3001 Java****6 Credits**

This course introduces the fundamentals of programming in Java, an object-oriented programming language developed for the Internet. It is very similar to C++. Students will learn how to use classes in Java, build packages, and create custom controls. Students will also learn how to develop web pages on the Internet by incorporating applets into webpages. Prerequisite: Programming Concepts

---

**CP3002 Algorithms and Data Structures****6 Credits**

This course covers the fundamental algorithms and data structures. Topics include array sorting and searching; stacks; queues; trees; and file sorting, searching, and indexing. Prerequisites: 12 credits of CP courses

---

**CP3005 Programming Databases in Visual Basic****6 Credits**

This course covers database programming using Visual Basic, an object-oriented, event-driven programming language for the Windows environment. It deals with using Visual Basic to create, modify, query, create forms for, and create reports from databases. It focuses on Microsoft Access type databases and the Jet Database Engine. Prerequisite: Programming Concepts

---

**CP3007 Scripting****6 Credits**

This course presents the Microsoft PowerShell Environment. PowerShell offers a great way to automate various IT Administration duties. An in-depth introduction to PowerShell including basic data types, control structures, regular expressions, input/output, and textual analysis will be covered. Students will also learn how to control and automate repetitive administration tasks through writing and executing scripts.

---

**CP3008 Programming Portfolio****6 Credits**

State-of-the-art application systems are composed of components using many different technologies. In this course, students will work as teams and use the skills and technologies they have learned in previous courses to design, document, build, and test state-of-the-art application systems. All aspects of the job search will be covered to provide students with the needed skills and tools for future employment. This course addresses values, industry cultures, job leads, résumé writing, interviewing techniques, and customer service skills. Prerequisites: 30 credits of CP courses

---

**CP3011 XML****6 Credits**

This course provides an introduction and practical experience with the Extensible Markup Language (XML) and its associated standards including XSL, XSLT, XPath, XLink, XPointer, CSS, and others. Through practical exercises that incorporate XML, the students will have a thorough grounding in this emerging technology. Prerequisite: Programming Concepts or HTML & JavaScripting

---

**CP3050 Computer Architecture****6 Credits**

This course explores the cyberwarfare landscape, offensive and defensive cyberwarfare techniques, and the future of cyberwarfare. It also addresses military doctrine and strategies, intelligence operations, and cyberwarfare-related laws and ethics. Students will be exposed to many cybersecurity technologies, processes, and procedures that help to protect endpoints, networks, and data. They will also learn how to identify and analyze threat and vulnerabilities and create appropriate mitigation strategies.

---

**CP3113 SQL Database Systems****6 Credits**

This course covers programming in the Structured Query Language. Students are taught to create and maintain database objects and to store, retrieve, and manipulate data. In addition, students learn to create blocks of application code that can be shared by multiple forms, reports, and data management applications. Students also learn how to write and apply triggers, procedures, and packages. Demonstrations and hands-on practice reinforce the fundamental concepts.

---

**CP3203 C++****6 Credits**

This course introduces the fundamentals of programming in C++ and includes data types, character strings, arrays, arithmetic operators and expressions, structures, functions, flow control, sorting, searching, and program structure. Prerequisite: Programming Concepts

---

**CP4101 .NET Development****6 Credits**

This course introduces students to the technological features of the Microsoft .NET Framework and the differences between Visual Basic 6.0 and Visual Basic .NET. Students will use VB .NET to explore the new feature of the .NET Framework and learn how those features may be used to solve enterprise business problems. Prerequisites: Operating Systems; Programming Concepts

---

**CS2112 Operating Systems****6 Credits**

This course is designed to develop user skills for operating systems. The important command line interface skills (universally used for Microsoft, and Unix-based networking) are developed using the DOS and Windows platforms. The students will also learn the basics of navigation and configuration of the Windows user interface.

---

**CS2117 Spreadsheet Applications****6 Credits**

This course enables students to analyze calculation problems and apply Excel functions to design, create, and implement a spreadsheet solution. Students will study techniques to automate menu selections, manipulate data through the use of macros, and create graphical views of spreadsheets.

---

**CS2119 Database Concepts****6 Credits**

This course covers programming in the Structured Query Language. Students are taught to create and maintain database objects and to store, retrieve, and manipulate data. In addition, students learn to create blocks of application code that can be shared by multiple forms, reports, and data management applications. Students also learn how to write and apply triggers, procedures, and packages. Demonstrations and hands-on practice reinforce the fundamental concepts.

---

**CS2125 TCP/IP****6 Credits**

A basic introduction to the TCP/IP communication protocol that enables computers to exchange data and communicate over local area networks and the internet. This course is an entry level study of how TCP/IP and its underlying protocols such as TCP (Transmission Control Protocol), UDP (User Datagram Protocol), IP (Internet Protocol), ICMP (Internet Control Message Protocol) and DHCP (Dynamic Host Configuration Protocol) are used in modern computer networking to facilitate the transfer of data and has become the basic communication language using the client server model.

---

**CS2223 Microsoft (MS) Office****6 Credits**

This course introduces the student to the Microsoft Office suite. Students will learn how to perform basic tasks in Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Access, and Microsoft Outlook. Instruction will also include integrating the programs in the Office suite.

---

**CS2405 Web Development****6 Credits**

IT applications are increasingly web-based. Web technology has grown to include a variety of business, academic, organizational and social applications. Diverse multi-cultural and multi-lingual user communities now depend on Web technology. This course covers the design, implementation and testing of web-based applications including related software, databases, interfaces and digital media. It also covers social, ethical and security issues arising from the Web and social software.

---

**CS3005 Intrusion and Detection Systems****6 Credits**

Intrusion Detection/Prevention Systems are critical components of well-designed network architectures. These systems act as a line of defense, helping protect company assets from attacks. In this course, students gain a thorough grounding in the design, implementation, and administration of IDSes/IPSes, as well as practical, hands-on experience working with these systems. In addition, students analyze various attack signatures and the network traffic these systems collect.

---

**CS3006 Network Security****6 Credits**

This course prepares students for entry-level security specialist careers by developing an in-depth understanding of network security principles and the tools and configurations needed to secure a network.

---

**CS3007 Forensics and Incidents Response****6 Credits**

This course explores security incidents and intrusions, including identifying and categorizing incidents, responding to incidents, log analysis, network traffic analysis, various tools, and creating an incident response team.

---

**CS3023 Computer Security****6 Credits**

This course explores a full range of security concepts and techniques and how to apply them to operating systems and networks. The material will include a broad range of topics from security threat identification to specific operating system and network attacks to security target hardening device applications like physical security, firewalls, border security, etc. Prerequisite: Operating Systems

---

**CS3024 Advanced Computer Security****6 Credits**

There are ten important domains of computer security. This course will cover the second set of five and continue with the content learned in the prerequisite course. Topics covered include operations security, applications and systems development, business continuity planning, disaster recovery planning, law, investigation, ethics, and physical security. Prerequisite: Computer Security

---

**CS3025 Computer Attacks & Security****6 Credits**

This course explores computer hacking attacks and methods in order to learn how to defend against such attacks. Material will cover what an exploit is, the tools hackers use, common attacks such as buffer overflow, user authentication, IP and web spoofing, as well as other popular methods used by hackers. Prerequisite: Advanced Computer Security

---

**CS3026 Ethical Hacking and Structured Defenses****6 Credits**

This course starts with proper planning, scoping and recon, and then dives deep into scanning, target exploitation, password attacks, and wireless and web apps. With comprehensive coverage of tools, techniques, and methodologies for network, web app, and wireless testing.

---

**CS3027 Microsoft (MS) Exchange Server****6 Credits**

This course provides an understanding of Microsoft Exchange. Topics covered include installation, storage groups, objects, SMTP, troubleshooting, and disaster recovery, among others. The course materials cover most of the topics included in the Microsoft Exchange Server certification exam. However, certification requires additional self study. Prerequisite: Windows Server

---

**CS3121 Linux / Unix Systems****6 Credits**

This course introduces the fundamentals of the Linux/Unix operating system and teaches how to be a productive user on the Linux/Unix Operating System. Students will learn basic commands, file system concepts, superuser powers, changing file permissions, text editor functions, shell programming, system processes, I/O redirection, device management, networking and user management. Students will receive hands-on experience using the various distributions of the Linux OS as well as the historical perspective of the development of the Unix Operating System. The course is designed for beginners with no Unix/Linux knowledge, but users with limited Unix/Linux experience will also benefit. Prerequisites: Operating Systems; Network+

---

**CS3126 Windows Active Directory****6 Credits**

This course provides an understanding of Microsoft Windows Active Directory and begins the student's preparation for certification. Topics covered include installation, configuration, performance monitoring, maintenance and recovery, among others. The course materials cover most of the topics included in the Windows Server Active Directory certification exam. However, certification requires additional self study. Prerequisite: Windows Server

---

**CS3128 Design Strategies for Windows Active****Directory Networks****6 Credits**

This course provides students with the knowledge and skills necessary to develop a strategy and design a directory services infrastructure for a Microsoft Windows Active Directory. Students will be able to describe the planning process and the implications involved in such a network design. The course materials cover most of the topics included in the Windows Server Network Infrastructure certification exam. However, certification requires additional self study. Prerequisite: Windows Active Directory

---

**CS3129 Advanced Microsoft (MS) Office****6 Credits**

This course gives the student a more in-depth understanding of the Microsoft Office suite for personal and professional use. Students will learn how to perform advanced tasks in Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Access, and Microsoft Outlook. Instruction will also include integrating the programs in the Office suite. This class will train students for the MOUS certification exams to be a Microsoft Office user specialist. Prerequisite: Microsoft (MS) Office

---

**CS3213 Windows Desktop Operating Systems****6 Credits**

This course presents the Microsoft Windows Desktop Operating Systems. The course emphasizes the installation and management of this platform. It will cover installation and configuration of the operating system, hardware and software, network connectivity, print and file management, user management on Windows domains and ADS, file system and security management, and performance tuning. The course materials cover most of the topics included in the CompTIA A+ Part 2 certification exam. However, certification will require additional self-study. Prerequisite: Operating Systems

---

**CS3214 Windows Server****6 Credits**

This course presents the Microsoft Windows Server operating system. It will cover installing or upgrading, configuring network services, managing access, managing users and groups, data storage, troubleshooting, and performance monitoring and optimization. The course materials cover most of the topics included in the CompTIA Server+ certification exam. However, certification requires additional self study. Prerequisites: Network+; Windows Desktop Operating Systems

---

**CS3216 A+****6 Credits**

This course covers the basic knowledge of computer hardware, installing, configuring, upgrading, troubleshooting and repairing microcomputer systems, and operating systems technologies. It will cover installation and configuration of the operating system, hardware and software. Students will also learn about the interaction between hardware and software, virus protection, memory management, network architecture, the Internet, printers, and help desk skills and responsibilities. The course materials cover most of the topics included in the CompTIA A+ certification exams. However, certification requires additional self-study.

---

**CS3221 Network +****6 Credits**

This course targets network operating systems, topologies, protocols, and other topics relevant to local and wide area networks. Students will gain a basic understanding of how to design, install, maintain, upgrade, and troubleshoot peer-to-peer and client-server networks. The course materials cover most of the topics included in the CompTIA Network+ certification exam. However, certification requires additional self study. Prerequisites: TCP/IP; Operating Systems

---

**CS3222 Network II: Routing and Switching****6 Credits**

This course introduces the student to the architecture, components, and operation of switches and routers, as well as the fundamentals of switching, routing, and the primary routing protocols. The course is designed to help students prepare for professional careers in the information and communication technology (ICT) field. It also helps prepare individuals seeking to pass the Cisco Certified Network Associate (CCNA) or Cisco Certified Entry Networking Technician (CCENT) certification exams.

---

**CS3311 Network Services & Infrastructure****6 Credits**

This course presents the students with information about basic to advanced network services and infrastructure. The course gives students the skills to perform day-to-day administration of medium to large networks and related services. Students learn the basic design elements and concepts of network infrastructure services and the various security applications inherent in a number of operating systems. To accomplish this, students receive administrative level access to a network and actually practice creating and restricting access rights to elements of the network infrastructure. They also establish and troubleshoot printing environments and advanced print services. Students will automate the user environment using various scripting and server side elements for groups of users. Emphasis is placed on managing file/directory systems and user rights using server enforced policies. The course materials cover most of the topics included in the Windows Server 2008 certification exam. However, certification requires additional self study. Prerequisites: Operating Systems; Network+



---

**CS3314 Windows Server II****6 Credits**

This course builds on Windows Server I: Installing and Configuring Windows Server by continuing to provide validation of knowledge and skills necessary to implement networking and identity functionality and features built into a Windows Server 2016 system. Additionally, the course provides the broad-based knowledge necessary to prepare students for further study in other specialized Information Technology and security fields. It is also intended to serve the needs of individuals seeking to pass the Microsoft certification exams (70-741 and 70-742).

---

**CS3315 Data Visualizations****6 Credits**

The major goals of this course are to understand how visual representations can help in the analysis and understanding of complex data, how to design effective visualizations, and how to create your own interactive visualizations using modern web-based frameworks.

---

**CS3420 Cloud Computing****6 Credits**

This course gives students an overview of the field of Cloud Computing, its enabling technologies, main building blocks, and hands-on experience through projects utilizing public cloud infrastructures (Amazon Web Services (AWS) and Microsoft Azure). The course will introduce this domain and cover the topics of cloud infrastructures, virtualization, software defined networks and storage, cloud storage, and programming models. As an introduction, we will discuss the motivating factors, benefits and challenges of the cloud, as well as service models, service level agreements (SLAs), security, example cloud service providers and use cases. virtualization as a key cloud technique for offering software, computation and storage services. We will study how CPU, memory and I/O resources are virtualized. Software Defined Networking and Storage (SDN) and (SDS) will be introduced along with students learning about different cloud storage concepts including data distribution, durability, consistency and redundancy. We will discuss distributed file systems, NoSQL databases and object storage.

---

**CS3430 Window Azure****6 Credits**

This course will help students understand the capabilities of Microsoft Hyper-V and Azure, as well as how they work hand in hand to architect a solution for a datacenter and plan a deployment or migration. Then learn how to manage it all using built-in tools and System Center. Coverage also includes hybrid cloud scenarios specifically with Windows Azure to create a complete virtualization example of providing data both on premise and off premise. Key topics include virtualization concepts, network virtualization, storage configuration, Hyper-V management and maintenance, failover clustering and migration, Hyper-V replica and cloud orchestration, private cloud implementation, Azure IaaS, Azure storage, managing with PowerShell, Hyper-V decoding, and Windows Server 2012 R2 integration.

---

**CS3440 Amazon Web Services****6 Credits**

Students in this course learn the fundamentals of building IT infrastructure on the AWS platform. They will learn how to optimize the AWS Cloud by understanding AWS services and how they fit into cloud-based solution. Students will also explore best practices to help them architect IT solutions on AWS, then build and explore a variety of infrastructures through guided, activities.

---

**CS4004 Database Design****6 Credits**

This course will cover critical aspects of database design, including database design and implementation, logical design, and physical design. Prerequisite: Operating Systems

---

**CS4005 Network Security & Cybercrime****6 Credits**

This course explores terms, definitions, concepts, and issues that face business and industry today on a global scale. The language of cybercrime, digital evidence, and laws relating to jurisdiction, search and seizure will be covered. Prerequisites: Operating Systems; Network+

---

**CS4006 Network Design / Installation****6 Credits**

This course will use a hands-on approach to teaching network design and installation. Students will work in teams to present various networking environments for prospective clients, and the instructor will evaluate all presentations. Prerequisites: Operating Systems; Network+; Network Services & Infrastructure

---

**CS4008 Internet and Wireless Technologies****6 Credits**

This course provides students with the technical knowledge that will allow them to pursue a variety of wireless and internet-related careers. Students will explore key concepts and technologies in mobile communication and the effects they have on business and personal use. Students will also learn how to manage internet connectivity when it comes to e-mail, telnet, servers, databases, client issues, security, and web hosting. This course covers topics on the CompTIA certifications, however, the exam itself will require additional self-study. Prerequisites: Operating Systems; Network+

---

**CS4010 Systems Analysis****6 Credits**

This course covers the essential aspects of the SDLC (Systems Development Life Cycle) of software projects, including all critical phases and cross-phase activities like analysis, requirement determination, design, implementation, testing, deployment, and documentation. Prerequisites: Operating Systems; Programming Concepts

---

**CS4021 Machine Learning****6 Credits**

Students receive an introductory review of modern machine learning techniques. This course strikes a balance between theoretical understanding and practical application. Students will explore several machine learning algorithms without diving too deep into the mathematics and gain practical experience by applying them using real world datasets.

---

**CS4035 Data Center Planning and Design****6 Credits**

This course covers hardware design and planning for medium to large scale data center operations. Topics include data center design (power, cooling, space planning), server racks, storage array systems, fiber channel, iSCSI, SAS, and SATA. Students will be able to design a data center for both operational efficiency (Green IT), and to provide adequate fault tolerance and capacity for anticipated growth.

---

**CS4107 Computer Science - Senior Project****6 Credits**

This course will focus on student projects in database, networks, programming, and security that are approved by the instructor. Students will select a topic for a project that they will research, plan, and design for an oral presentation to a faculty committee at the end of the quarter. Students will use a variety of resources: Academy College's hardware and software in the computer labs, personal reference library, the Library, an instructor who will guide the project, faculty at large, industry leaders, and potential employers. At the time of the oral presentation, students will present a definitive paper on their projects to the instructor. Prerequisites: 30 credits in CS or CP 5000 level courses

---

**DT2001 Federal Aviation Regulations****1 Credit**

This course introduces Federal Aviation Regulations (FARs) that govern the licensing of aircraft dispatchers. Focus areas of the course include certification and operations of air carrier aircraft, handling of hazardous materials, and rules pertaining to aircraft accidents or incidents.

---

**DT2002 Meteorology****2 Credits**

This course introduces basic concepts in meteorology, including air mass analysis, weather fronts, fog, aircraft icing, thunderstorms, tornadoes, hurricanes, turbulence, and National Weather Service products. Meteorology instruction progressively leads students from the basics to the more advanced study of weather chart analysis and forecasting. Each topic is discussed in the context of its cause and potential effect on aircraft operations. Students must demonstrate their ability to assimilate various weather reports and forecasts to make timely and safe decisions concerning aircraft operations under ever-changing weather conditions.

---

**DT2003 Navigation****2 Credits**

This course introduces students to navigational concepts, including map projections, high and low altitude en route charts, and arrival and departure procedures. Students will gain a thorough knowledge and understanding of air navigation equipment and procedures.

---

**DT2004 Aircraft Systems and Performance****1 Credit**

This course introduces the CRJ-900 aircraft systems, including weight & balance, engine performance, hydraulics, flight controls, aircraft performance, emergency systems, and limitations to flight.

---

**DT2005 Air Traffic Control****1 Credit**

This course introduces FAA airspace systems, including air traffic control procedures, airspace definition, and rules governing controlled flight.

---

**DT2006 Practical Dispatch****1 Credit**

This course introduces human factors and practical dispatch applications. Students are required to demonstrate operational control using existing and forecast weather conditions and available equipment resources for the safe conduct of flight operations. Emphasis placed on the topics of safety vs. economics, crew legalities, Notams, route, altitude, and alternative selection. Dispatch releases, fuel planning, aircraft weight and balance, emergency procedures, operation specifications, and other subjects will also be covered.

---

**DT2007 Communications****1 Credit**

This course provides an overview of federal communication regulations. The effect of communications on company systems, equipment, and emergency procedures will also be discussed.

---

**DT2008 Emergency & Abnormal Procedures****1 Credit**

This course introduces ground and air security measures and emergency & NTSB reporting protocol.

---

**DT4001 Advanced Federal Aviation Regulations****1 Credit**

This course provides an in-depth study of Federal Aviation Regulations (FARs) that govern the licensing of aircraft dispatchers. Focus areas of the course include certification and operations of air carrier aircraft, handling of hazardous materials, and rules pertaining to aircraft accidents or incidents. Prerequisite: Federal Aviation Regulations

---

**DT4002 Advanced Meteorology****1 Credit**

This course provides an in-depth analysis of concepts in meteorology, including air mass analysis, weather fronts, fog, aircraft icing, thunderstorms, tornadoes, hurricanes, turbulence, and National Weather Service products. Each topic is discussed in the context of its cause and potential effect on aircraft operations. Students must demonstrate their ability to assimilate various weather reports and forecasts to make timely and safe decisions concerning aircraft operations under ever-changing weather conditions. Prerequisite: Meteorology

---

**DT4003 Advanced Navigation and Air Traffic Control 1 Credit**

This course provides an in-depth study of navigation concepts, including map projections, high and low altitude en route charts, approach charts, and arrival and departure procedures. Students will gain a thorough knowledge and understanding of air navigation equipment and procedures. This course also covers FAA airspace systems, including air traffic control procedures, airspace definition, and rules governing controlled flight. Prerequisites: Navigation; Air Traffic Control

---

**DT4004 Advanced Aircraft Systems & Performance 1 Credit**

This course provides an in-depth study of the CRJ-900 aircraft systems including weight and balance, engine performance, hydraulics, flight controls, aircraft performance, emergency systems, and limitations to flight. Prerequisites: Aircraft Systems and Performance

---

**DT4005 Advanced Practical Dispatching 1 Credit**

This course provides an in-depth study of human factors and practical dispatch applications. Students are required to demonstrate operational control using existing and forecast weather conditions and available equipment resources for the safe conduct of flight operations. Emphasis is placed on the topics of safety vs. economics, crew legalities, Notams, route, altitude, and alternative selection. Dispatch releases, fuel planning, aircraft weight and balance, emergency procedures, operation specifications, and other subjects will also be covered. Prerequisite: Practical Dispatch

---

**DT4006 Advanced Emergency & Abnormal Procedures 1 Credit**

This course provides an in-depth study of ground and air security measures and emergency & NTSB reporting protocols. Prerequisite: Emergency & Abnormal Procedures

---

**FI2008 Retirement Planning I 6 Credits**

This course focuses on the personal tax-deferred retirement programs available to the working adult. It includes plan design with emphasis on the advantages and disadvantages of the specific plans.

---

**FI2009 Introduction to Financial Statements 6 Credits**

This course embodies training in applications and principles of general accounting practice and procedures. It provides exposure to many business topics including accounting journals and ledgers, preparation and analysis of financial statements, internal control systems, forms of business organizations, typical business practice, business ratios, internet usage, and an introduction to computerized accounting. The course is taught as if the student has had no prior training in either accounting or bookkeeping; however, student skills in ten-key operation and computer key-boarding are desirable.

---

**FI2010 Money Management 6 Credits**

Finance is the art and science of handling money. This course offers a practical, real world approach to financial management that includes business investment decisions, long term finance and operations issues, and current topics in the field.

---

**FI2011 Banking, Investment and Finance 6 Credits**

This course explains the connections between the various markets for money and how supply and demand affect the rational expectations of return on investments. The course stresses the time value of money and short and long term yield curves as well as how government action affects these curves.

---

**FI2012 Commerce & Human Relations 6 Credits**

This course focuses on the business, legal, and internet side of management-employee relations. Students will learn the steps and recognize the legal issues related to maintaining and conducting business at the office and on the Web. How to develop an effective team in the workplace, monitor and encourage performance, and motivate employees who work in the e-commerce environment will also be covered.

---

**FI2013 Finance Project 6 Credits**

This course is an application of information students have acquired in all coursework in this program. Students will learn that every decision that a business makes has financial implications, and any decision which affects the finances of a business is a corporate finance decision. Student teams will research, write, and present information on a selected or assigned company. Prerequisite: Principles of Accounting I *or* Money Management *or* Banking, Investment and Finance

---

**FI3002 Estate Planning 6 Credits**

This course focuses on asset transfers before death (gifts and trusts), after death (trusts and estates), and documents used in estate affairs and in meeting their objectives. Students will also learn to minimize the shrinkage effects of costs, expenses, and taxes in formulating a comprehensive estate plan. Prerequisite: Principles of Accounting I

---

**FI4006 Financial Management 6 Credits**

This course offers clear, concise, and practical real world treatments of financial management. Basic math is geared toward the ability of the typical business student. Numerous examples are worked out and graphical and intuitive presentations of math are used where appropriate. Topics include cross-functional coverage of the agendas and biases decision-makers across the firm may bring to a financial proposal. Prerequisite: Principles of Accounting I *or* Money Management

---

**GC2002 Speech 5 Credits**

This course emphasizes the importance of formal and informal speaking in public settings, especially in the business world. Students will learn how to write and deliver a speech to specific and diverse audiences. Students will develop communication style, confidence, and poise.

---

**GC2004 English Composition 5 Credits**

This course examines the phases of the writing process, with emphasis on the structure of writing and techniques for communicating clearly and precisely. Students will read and write brief essays and a research paper. Vocabulary building and a review of punctuation and grammar will be included.

---

**GC2011 Creative Writing 5 Credits**

This course focuses on writing naturally in an open classroom forum. Emphasis is placed on tapping the creativity center in each student, clarifying ideas, visions, stories, and experiences. Students will prepare short exercises and then work toward creating short fiction and/or a short series of poems.

---

**GC3001 Technical Writing 5 Credits**

This course introduces students to the processes and applications of technical writing. Students will learn how to develop a range of technical documents and communicate their knowledge of technical subjects to non-technical audiences. Pre-Requisite: Written and Oral Communications or English Composition.

---

**GC3017 Persuasive Thinking and Writing 5 Credits**

This course focuses on persuasive writing components and critical thinking which inform, explain, instruct, or persuade a person or an audience. This attention to detail and mastery of a specific strategy allows the writer and reader to gain knowledge and think critically and clearly to perform more effectively. Communication through argumentation, writing, and research skills is even more important today, due to the speed of the ever-changing world. Prerequisite: English Composition *or* Creative Writing *or* Written & Oral Communication

---

**GC3113 Creative Communications 5 Credits**

This course focuses on learning to work in teams, and to write and present information to groups. The course is a blend of planning, written, visual, verbal, and interpersonal communications. Student teams will create a work-related communications project and develop it from concept to completion. At each stage of the project, students will present their work to team members for critique and recommendations. Students will then present their project in final form to the class at the end of the course using presentation software and aids. Prerequisite: One 1000 level or above Communications course

---

**GH2004 Logic 5 Credits**

Students will identify, analyze, and evaluate reasoning. The course focuses on inductive and deductive thinking as well as recognition of argument fallacies and circular reasoning.

---

**GH2005 Philosophy 5 Credits**

This introductory course explores the development and importance of philosophical ideas and provides an overview of the field of philosophy.

---

**GH2009 Art History 5 Credits**

This course provides a basic introduction to visual art. The course will focus on drawings, paintings, sculpture, and architecture. Students will study well known works of art by examining content, technique, form, and purpose.

---

**GH3005 Ethics 5 Credits**

This course is designed to stimulate thinking about moral problems and ethical views. Students will critically evaluate competing ethical theories and will develop their own code of ethics.

---

**GH3007 Gender Studies in Literature 5 Credits**

This introduction to gender in literature takes a cross-cultural and interdisciplinary approach, organized around themes for reading and discussion. The course will provide an overview of the roles of men and women in literature that have been formed by heredity, cultural conditioning, history, and geography. Students will read and discuss a wide range of literary works such as short stories, poetry, essays, plays, and excerpts from novels and biographies from the U.S. and other countries. Students will discuss and write research essays about people's issues relating to gender, identity, human worth, and dignity. Prerequisite: One 1000 level or above Humanities course

---

**GH3008 Film in American Society 5 Credits**

This course will examine the history, theory, and sociology of American cinema. The structure of films and the cultural and economic conditions they reflect will be the focus of the course. Films will be screened in class. Additional viewing by students is required outside of class.

---

**GH3009 Literatures Across Cultures 5 credits**

This course exposes the student to literary traditions and authors spanning the globe. Students will examine a wide range of works that are representative of global diversity. Cross-cultural comparisons will be emphasized. The student will demonstrate understanding of cultural themes by writing a short story or poem that has diversity as one of its components.

---

**GH3010 Modern Literature****5 Credits**

This course focuses on 19th century American and British Literature to the present. Students will explore the work of writers, and learn how to read, discuss, analyze, and write about short-fiction, non-fiction, poetry, drama, and journalism.

---

**GM1506 Anatomy & Physiology****5 Credits**

This course is a systems approach to the study of human anatomy and physiology and human diseases. Systems covered will include integumentary, musculoskeletal, senses, nervous, and endocrine systems. The study of human diseases will emphasize the description, etiology, signs/symptoms, diagnostic procedures, and treatment for specified diseases.

---

**GM2008 Meteorology****5 Credits**

This course covers short-range and long-range weather patterns in terms of interaction among atmospheres, oceans, land surfaces, and earth motions. Storms, seasonal change, climatic change, fair weather, air pollution, and distribution of moisture are considered as well as applied standpoints. Also included are the basic principles of science applied to analyzing and forecasting weather, interpreting climates, and realizing the great extent to which individuals interact with the atmospheric environment.

---

**GM2013 Environmental Science****5 Credits**

This course examines the impact of human activity on the natural environment. Concepts such as sustainability, renewable resources, pollution, and solutions to environmental problems will be discussed. Students will produce a research paper or project on an environmental problem or design an environmental impact study.

---

**GM2015 Astronomy****5 Credits**

This course offers an overview of Astronomy. Topics covered will include the solar system, theories about the origin and nature of the universe, stars, nebulae, comets and asteroids, astronomical observations, and the search for intelligent life. Basic mathematical concepts such as measuring distances in space will be introduced.

---

**GM2112 College Algebra I****5 Credits**

This course will focus on developing skills in college level algebra. The course will include polynomials, logarithmic functions, quadratic equations, factoring, roots and radicals.

---

**GM3000 Geology****5 Credits**

In this course, students will learn about the physical processes that continue to shape the earth. Topics include plate tectonics, volcanoes, earthquakes, erosion, and glaciers. The history of earth's evolution and human effects on the earth and its' environment will be covered as well. Pre-requisite: Environmental Science

---

**GM3005 Statistics****5 Credits**

This course provides a detailed overview of the techniques and applications of statistics. Topics covered will include business statistics, sampling, analysis, regression, and problem solving.

---

**GM3014 Physics****5 Credits**

This course offers an overview of basic physics as related to everyday life. Topics will include problem solving, vectors, motion, energy, light, matter, fluids, magnetism, sound, motion, and relativity. Students will study applications of concepts to industrial and technical fields. Pre-requisite: 2000 level Math

---

**GM3016 Discrete Math****5 Credits**

This course will cover logical math and its applications in order to better solve logical problems as they might be found in computer science, programming, statistics, and management. Prerequisite: College Algebra I *or* its equivalent

---

**GS2006 Economics****5 Credits**

This course provides an introduction to the basic concepts of microeconomics and macroeconomics. Topics studied include the current U.S. and world economies, supply and demand, the trade deficit, money and banking, gross national product, and economic planning as well as financial planning on a personal level. Students will become literate in the language of economics through both written and oral critiques of current articles in business periodicals and the daily newspapers.

---

**GS2007 Psychology****5 Credits**

This course will focus on basic concepts of psychology as they apply in the everyday in the workplace. Topics to will include psychological testing, personnel decisions, performance appraisals, communication, worker attitudes and motivations, common psychological problems in the workplace, and leadership.

---

**GS2009 Sociology****5 Credits**

This course analyzes the nature of society, the interrelationships of its diverse groups and the process of social status and change. The course interprets human behavior from the standpoint of the group.

---

**GS2010 Geography****5 Credits**

This course provides the student with an overview of the major tools, techniques, and general approaches of the discipline of geography. Topics such as physical, human, environmental, economic, political, and cultural geography will be covered. Mapping techniques and theories of geographic processes will also be discussed.

---

**GS2013 Political Science****5 Credits**

This course will introduce students to the history and structure of American government. Topics such as the Constitution; the federal government; the state governments; the judicial, executive and legislative branches of the government; local governments; and American politics in general will be discussed. Students will learn about the people and the institutions that carry out the political decisions that affect our lives as American citizens.

---

**GS2014 Anthropology****5 Credits**

This course is an introduction to anthropology and encompasses the principle sub-fields of the discipline which are physical anthropology, archaeology, and cultural anthropology. Students will be introduced to the physical and cultural diversity of humans as it exists throughout the world and throughout time and will learn how and why such variability is important to us as humans.

---

**GS3011 Popular Culture in American Society****5 Credits**

This class will examine the history, theory, and sociology of American popular culture. Cultural and economic factors will be discussed along with the evolution of today's more recognized cultural "forms." Classwork will include lectures, discussion, and examination of different media. Prerequisite: One 1000 level or above Social Sciences course

---

**GS3012 War and Peace in the 21st Century****5 Credits**

This course will focus on 21st century geopolitics. The relationship between geography and national power, and the forces shaping power balances among nations will be examined. Students will develop awareness of ongoing world events and produce written critiques of expert articles and publications. This course integrates concepts learned in geography, political science, economics, and sociology. Prerequisites: Any 2000 level social science course

---

**GS3115 Impact of Technology on Society****5 Credits**

This course examines the ongoing development of science and technology and its impact on society. Topics such as the history of technology, the Industrial Revolution, the Information Age, resistance to technology, and the relationship between technological advancement and social change. Issues such as ethics, internet piracy, and controversial technologies are discussed. Prerequisite: Any 2000 level social science course

---

**SM2003 Marketing****6 Credits**

This course provides a comprehensive coverage of current key marketing topics, technology, trends, and distribution decisions. Marketing deals with the relationships and communication among people. Students will be involved with marketing strategy, research, and planning to meet customer needs.

---

**SM2004 Effective Sales Strategies****6 Credits**

This course explores the various techniques used in selling, stressing the importance of building relationships and quality partnerships, and using role playing simulations to acquaint the student with real life selling situations.

---

**SM2005 Wholesale/Retail Sales & Marketing****6 Credits**

This course focuses on the sales and marketing efforts of wholesale and retail operations. Students will research and prepare a marketing plan and conduct promotional campaigns using various media and merchandising techniques.

---

**SM2006 Promotion, Advertising & Merchandising****6 Credits**

This course deals with product promotion in a global marketplace and how advertising is structured to reach the target audience to achieve the desired merchandising results. Students will explore the outside agencies to achieve maximum utilization of dollars invested in the promotion budget.

---

**SM2007 Customer Service & Relations****6 Credits**

This course defines Customer Relations Management (CRM), and explains the differences between CRM and business intelligence, and why they are symbiotic. Students learn about the importance of human contact and the failure in attempts to eliminate humans in business. The course stresses the importance of customer relationship planning while re-engineering the work process.

---

**SM2008 Sales & Marketing Project****6 Credits**

This course is an application of information students have acquired in all coursework in this program. Students will study how marketers must look beyond the traditional media to create and implement an Integrated Marketing Communications (IMC) strategy. Student teams will research, write, and present information on a selected or assigned company. Prerequisite: any Sales & Marketing (SM) course

---

**SM4005 Effective Marketing****6 Credits**

This course provides a thorough treatment of emerging markets, new technologies, and hot marketing trends. All concepts and topics help students adapt to, and strategically plan for, changes in the marketing environment. This course stresses early coverage of strategy and an overall strategic focus, with increased emphasis on critical thinking skills, and global and relationship marketing. Prerequisite: Business Management *or* Marketing

# NOTES

---

---

# ACADEMIC INFORMATION

## ACADEMIC CALENDAR

### 2020

#### WINTER QUARTER

> January 6 through March 22  
Start Dates: January 6 or February 10

#### SPRING QUARTER

> April 6 through June 21  
Start Dates: April 6 or May 11

#### SUMMER QUARTER

> July 6 through September 20  
Start Dates: July 6 or August 10

#### FALL QUARTER

> September 28 through December 13  
Start Dates: September 28 or November 2

### 2021

#### WINTER QUARTER

> January 4 through March 21  
Start Dates: January 4 or February 8

#### SPRING QUARTER

> April 5 through June 20  
Start Dates: April 5 or May 10

#### SUMMER QUARTER

> July 6 through September 19  
Start Dates: July 6 or August 9

#### FALL QUARTER

> October 4 through December 19  
Start Dates: October 4 or November 8

### 2022

#### WINTER QUARTER

> January 3 through March 20  
Start Dates: January 3 or February 7

#### SPRING QUARTER

> April 4 through June 19  
Start Dates: April 4 or May 9

#### SUMMER QUARTER

> July 5 through September 18  
Start Dates: July 5 or August 9

#### FALL QUARTER

> October 3 through December 18  
Start Dates: October 3 or November 7

## SCHOOL BREAKS

Each year Academy College students will have breaks as follows:

**2020** March 23, 2020 until April 5, 2020  
June 22, 2020 until July 5, 2020  
September 21, 2020 until September 27, 2020  
December 14, 2020 until January 3, 2021

**2021** March 22, 2021 until April 4, 2021  
June 22, 2021 until July 5, 2021  
September 20, 2021 until October 2, 2021  
December 20, 2021 until January 2, 2022

**2022** March 21, 2022 until April 3, 2022  
June 20, 2022 until July 4, 2022  
September 19, 2022 until October 2, 2022  
December 19, 2022 until January 8, 2023

## SCHEDULE OF OBSERVED HOLIDAYS

	2020	2021	2022
New Year's Day	Jan. 1	Jan. 1	Jan. 1
Martin Luther King Day	Jan. 20	Jan. 18	Jan. 17
Memorial Day	May 25	May 31	May 30
Independence Day	July 4	July 5	July 4
Labor Day	Sept. 7	Sept. 6	Sept. 5
Veterans Day	Nov. 11	Nov. 11	Nov. 11
Thanksgiving Day	Nov. 26	Nov. 25	Nov. 24
Christmas Day	Dec. 25	Dec. 25	Dec. 25

## AIRCRAFT DISPATCHER COURSE TEN WEEK ACADEMIC CALENDAR

### 2020

#### WINTER QUARTER

##### *Resident*

> January 6, through March 15, 2020

##### *Credit for Previous Experience*

> February 24 through March 15, 2020

#### SPRING QUARTER

##### *Resident*

> April 6 through June 14, 2020

##### *Credit for Previous Experience*

> May 25 through June 14, 2020

#### SUMMER QUARTER

##### *Resident*

> July 6 through September 13, 2020

##### *Credit for Previous Experience*

> August 24 through September 13, 2020

#### FALL QUARTER

##### *Resident*

> September 28 through December 13, 2020

##### *Credit for Previous Experience*

> November 16 through December 13, 2020

### 2021

#### WINTER QUARTER

##### *Resident*

> January 4, through March 21, 2021

##### *Credit for Previous Experience*

> February 22 through March 21, 2021

#### SPRING QUARTER

##### *Resident*

> April 5 through June 13, 2021

##### *Credit for Previous Experience*

> May 24 through June 13, 2021

#### SUMMER QUARTER

##### *Resident*

> July 6 through September 12, 2021

##### *Credit for Previous Experience*

> August 23 through September 12, 2021

#### FALL QUARTER

##### *Resident*

> October 3 through December 12, 2021

##### *Credit for Previous Experience*

> November 21 through December 12, 2021

### 2022

#### WINTER QUARTER

##### *Resident*

> January 3 through March 13, 2022

##### *Credit for Previous Experience*

> February 27 through March 13, 2022

#### SPRING QUARTER

##### *Resident*

> April 4 through June 12, 2022

##### *Credit for Previous Experience*

> May 23 through June 12, 2022

#### SUMMER QUARTER

##### *Resident*

> July 5 through September 11, 2022

##### *Credit for Previous Experience*

> August 23 through September 11, 2022

#### FALL QUARTER

##### *Resident*

> October 3 through December 11, 2022

##### *Credit for Previous Experience*

> November 21 through December 11, 2022

## FACULTY

The faculty of Academy College consists of respected professionals from the public and private sectors. Their education and substantial experience as accountants, pilots, network administrators, computer programmers, and business professionals coincides with all of Academy College's academic offerings. Our students have the distinct advantage of acquiring not only a theoretical but a practical education, which is relevant in their chosen fields.

See catalog addendum, "Academy College Faculty."

## CLASS SESSIONS

### WEEKDAYS

Classes operate between 8:00 a.m. and 9:30 p.m. Mon. through Fri. and 7:30 a.m. to 3:00 p.m. on Sat.

#### Day classes are scheduled between:

8:00 a.m. and 4:00 p.m., Monday through Friday.

#### Evening classes are scheduled between:

5:00 p.m. and 10:00 p.m., Monday through Friday.

#### Weekend classes are scheduled between:

7:30 a.m. and 3:00 p.m. on Saturdays.

#### Distance Education classes are conducted:

Online and available 24 hours a day.

Academy College has the ability to conduct classes online and virtually in a synchronous learning environment.

The schedule for the library and the Academy College computer labs are posted at the beginning of each quarter.

The programs run continuously throughout the year. Students may enter the program at any of the class starting dates. Students may enroll in a class in progress no later than one week after the class starting date unless special arrangements have been made with administration. In some isolated situations, if transfer credits are being accepted, a student may start other than one of the eight start dates per year; however, prior written approval must be obtained from the administration. Maximum number of students in typical classroom: 25.

### AIRCRAFT DISPATCHER COURSE : RESIDENT

The course meets Monday through Thursday evening between the hours of 5:00 pm and 10:00 pm.

### AIRCRAFT DISPATCHER COURSE : CREDIT FOR PREVIOUS EXPERIENCE

The course meets Monday through Thursday evening between the hours of 5:00 pm and 10:00 pm.

### ORIENTATION

Each quarter, new students will attend an orientation session with representatives of Academy College to discuss college philosophy, policies and procedures, and to answer any questions students may have.

All students must attend an online orientation session upon registration to have access to their electronic gradebooks and prior to their first online course.

### SCHOOL HOURS

Scheduling is arranged in such a way as to permit students to work full or part-time while attending classes. Students are welcome to use all school facilities for additional study purposes Monday through Friday.

### LIBRARY

The library is on-site for students, faculty, and staff to conduct academic, career, and professional growth research. The library contains books, periodicals, and computers with Internet access. Day and evening hours are posted each quarter. The Librarian is available during scheduled hours to guide students and staff with their research and assist with reference materials and electronic library search activities.

## DEFINITION OF A CREDIT HOUR

Academy College has established policies and procedures to determine curriculum, select instructional material, lecture topics, lab and clinical activities, and out of class assignments. These policies and procedures are implemented to ensure that

each course, irrespective of the mode of delivery, provides quality relevant content and is sufficiently rigorous academically so that students may achieve a satisfactory level of competency as established by each course's learning objectives.

### MODES OF DELIVERY

There are three modes of delivery that are utilized. They are residential, distance education, and hybrid. Each of these may include a lab component.

#### Residential

The residential mode consists of (1) a lecture or a (2) internship or externship. Residential lecture classes include face-to-face instruction and class discussion covering the theory, principles, application, or history of a subject. The residential mode also includes directed field trips and addresses by guest speakers.

#### Distance Education/Virtual Delivery

Distance education occurs when the instructor and the students are not physically present together in an educational setting, usually a classroom. Interaction occurs either asynchronous and/or synchronous between the instructor and the student/s and between students utilizing one or more interactive technologies. Academy College delivers its distance education through Moodle, an online learning platform.

#### Hybrid

Hybrid classes are combinations of distance education (online) and residential (face to face) class sessions.

#### Labs

During labs, students apply knowledge and skills they have learned in the course. Labs are equipped with hardware, software, and net ware.

Classes with a lab component include both in-class and outside lab sessions. In-class labs for residential classes are conducted during the class session under the direction and/or supervision of the class instructor. All outside labs are conducted on campus in designated lab rooms during specified lab times under the supervision of an instructor qualified to teach in the program area. In-class lab for distance education classes are conducted either online/virtually or on the campus.

### CREDIT HOUR POLICY

Credits for academic and financial aid purposes are measured in quarter credit hours.

Credits are awarded upon the successful completion of a course. Successful completion means that a student has demonstrated competency and/or proficiency in achieving the course's stated learning objectives. The number of credit hours awarded per course is the measurement of the minimum levels of necessary work and academic engagement for a typical student to achieve the requisite competency and/or proficiency.

### CREDIT HOUR DEFINITION FOR ACADEMIC AND FEDERAL FINANCIAL AID PURPOSES

Academy College defines a credit hour in accordance with applicable federal regulations governing the awarding of financial aid and ACCSC's criteria for course and program measurement as

... an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than

1. One hour of classroom or direct faculty instruction and a minimum of two hours of out of class student work each week... for one quarter hour of credit, or the equivalent amount of work over a different amount of time; or
2. At least an equivalent amount of work as required in paragraph (1) of this definition for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours. (34 CFR §600.2)

The equivalencies as established by the Accrediting Commission for Career Schools and Colleges are one quarter credit hour equals 30 units comprised of the following academic activities

- One clock hour in didactic learning environment = 2 units
- One clock hour in a supervised laboratory setting of instruction = 1.5 units
- One hour of out-of-class work and/or preparation for the didactic learning environment or supervised laboratory setting of instruction that are designed to measure the student's achieved competency relative to the required subject matter objectives = 0.5 unit.

A combination of all lecture, laboratory and practicum may be used to determine a credit hour.

For the purposes of allocating financial aid, students in online courses are expected to spend the same amount of time completing assignments to achieve a course's learning objectives that is equivalent to the federal government's expectation for an on-campus course of two hours of homework for each hour of direct faculty instruction.

### MEASUREMENT OF A CONTACT HOUR

Includes a minimum instructional time of 50 minutes of supervised or directed instruction and appropriate break(s). Accreditation Criteria Policies, Procedures and Standards §3-1-516 (a).



## SATISFACTORY ACADEMIC PROGRESS

Academy College uses an alphabetical grading system.

A = Excellent	F = Failure
B = Very Good	I = Incomplete
C = Average	W = Withdrawal
D = Passing	CT = Credit Transfer

TO, TA, TB, TC = Test Out

PA = Pass (Flight Labs, Internship, & Externship only)

FA = Fail (Flight Labs, Internship, & Externship only)

LI = Lab Incomplete (Flight Labs & Externship only)

FI = Flight Labs only

AU = Audit only

### GRADING POLICY

Letter Grade	Grade Points	Percentage Assigned	Included in GPA	Included in Credits Attempted
A	4.0	90 - 100	Yes	Yes
B	3.0	80 - 89	Yes	Yes
C	2.0	70 - 79	Yes	Yes
D	1.0	60 - 69	Yes	Yes
F	0.0	0 - 59	Yes	Yes
TO	0.0	70 or higher	No	Yes
TA	4.0	90 - 100	No	Yes
TB	3.0	80 - 89	No	Yes
TC	2.0	70 - 79	No	Yes
CT	0.0	0 - 0	No	Yes
PA	4.0	90 - 100	Yes	Yes
FA	0.0	0 - 0	Yes	Yes
LI	0.0	0 - 0	No	No
FI	0.0	0 - 0	No	No
AU	0.0	0 - 0	No	No
I	0.0	0 - 0	No	No
W	0.0	0 - 0	No	Yes

Any class failed may be retaken at regular tuition rates and completed satisfactorily prior to graduation.

After two failed attempts in a course, the student will meet with the Director of Education to determine the continued success of the student in their current program of study.

### PASS/FAIL GRADES

In aviation flight labs, Dispatcher Training, Internships, and Externships, students are evaluated on a pass/fail basis. These courses are included in the student's GPA and are included as credits attempted when Academy College evaluates Satisfactory Academic Progress.

Students must continue to progress towards flight lab completion. Failure of two flight labs will result in the student meeting with the Director of Education and having to receive written approval to continue in the program contingent on a plan being put in place for the student's success. The meeting will address areas of concern and may result in possible dismissal from the course. If students are unable to repeatedly not successfully complete flight labs, they will be dropped from the course. Any attempts after three (3) will not be approved unless there are extenuating circumstances.

### GPA (GRADE POINT AVERAGE)

The grade point average is a function of grade points earned and credit hours assigned to each course. It is computed by first multiplying the credit hours of a course by the grade points awarded to calculate a weighted total. Then the sum of the weighted total is divided by the sum of credit hours attempted.

For example:

6 credits X 4 (A) grade points =	24
6 credits X 3 (B) grade points =	18
5 Credits X 2(C) grade points =	10
Weighted total =	52
Divided by 17 credits =	3.058 (3.06) quarter GPA

A transcript of grades is kept on file for each student. All grades the student earns at Academy College will be included on the transcript regardless of any program changes. The final GPA is dependent on the final program completed.

## SCHOLAR RECOGNITION

### DEGREE HONORS

4.0 GPA	Summa Cum Laude, "With Highest Honors"
3.80 - 3.99 GPA	Magna Cum Laude, "With High Honors"
3.60 - 3.79 GPA	Cum Laude, "With Honors"

### QUARTERLY HONORS: DEGREE STUDENTS

4.0 GPA	Director's List
3.6 - 3.99 GPA	Honor Roll

## SATISFACTORY PROGRESS REVIEWS

### APPLICATION OF STANDARDS

Satisfactory Academic Progress standards apply to all regular students enrolled in an Academy College program.

### WHAT IS SATISFACTORY ACADEMIC PROGRESS?

Satisfactory Academic Progress (SAP) refers to the evaluation of a student's progress at key points in his or her academic program. Students achieve satisfactory academic progress as long as they meet their course schedule and academic criteria as described in this section.

Academy College monitors student progress in accordance with the policies, procedures, and/or regulations of the school itself, the U.S. Department of Education, the Minnesota Office of Higher Education, and the Accrediting Commission of Career Schools and Colleges.

### WHAT ARE CREDITS EARNED VS. CREDITS ATTEMPTED?

"Credits earned" refers to the courses and credits students complete and earn during the quarter; "credits attempted" are the credits that a student has been charged for all or part of the fee per credit, regardless of whether or not the student completes the course. Failing grades and course withdrawals will affect quarterly satisfactory academic progress and may place students in academic jeopardy.

### DEFINITION OF AN ACADEMIC YEAR IS

#### A MINIMUM OF:

- 36 quarter credits
- 30 weeks

## SATISFACTORY ACADEMIC PROGRESS QUARTERLY EVALUATION

### QUARTERLY ACADEMIC ADVISORY

Students will be evaluated quarterly based on the cumulative grade point averages and successful completion of credits attempted. The components are:

1. A cumulative grade point average (GPA) of 2.0 or greater OR
2. A cumulative completion ratio of 67% or greater of credits earned versus credits attempted.

### Academic Advisory (SPA)

If a student does not meet the quarterly, cumulative academic standards but is meeting the minimum evaluation points (see chart), s/he will be placed on Academic Advisory status (SPA) for the following quarter. The student will receive written notification at the end of the quarter when an academic advisory is issued. In addition the student will be contacted by the Education Department to discuss resources available to them. The student would still be considered a regular student and would receive financial aid during this advisory period.

## SATISFACTORY ACADEMIC PROGRESS EVALUATION POINTS

Students must complete their entire program within 150% of the program length. The maximum time frame is determined by multiplying the student's program length in quarter credits by 150%. To meet satisfactory academic progress, students must earn the following cumulative GPAs and successfully complete the percentage of credits for which they have enrolled during the quarter:

Satisfactory Academic Progress Evaluation Points		
Evaluation Point	Minimum GPA	Minimum Completion Rate (CCR)
Every quarter through 25% and 1 <sup>st</sup> Academic Year	1.25	55.00%
Every quarter 25.1% through 50%	1.50	60.00%
At 2 <sup>nd</sup> Academic Year	2.00	66.67%
Every quarter after 2 <sup>nd</sup> Academic Year through graduation	2.00	66.67%

### **FINANCIAL AID WARNING**

#### **Satisfactory Academic Progress– Financial Aid Warning (SPW)**

Students not achieving minimum standards at a required evaluation point (see chart) will be placed on Financial Aid Warning status (SPW). The student will be granted only one quarter of Warning status. They will be required to meet with the Education Department to make sure s/he understands satisfactory academic progress standards, and will sign an academic form confirming that they understand these standards. The student would receive financial aid during this period.

If the student meets the academic criteria at the end of the Warning quarter, s/he would re-establish satisfactory academic progress and be reinstated as a regular student. A student who continues to fall below the specified criteria will be placed on Probation. The student will be required to successfully appeal in order to maintain federal financial aid eligibility.

#### **Satisfactory Academic Progress– Financial Aid Probation (SPP)**

If the academic problem is not corrected during the Warning quarter and the student successfully appeals, the student will be placed on Financial Aid Probation status (SPP). If the student corrects his or her academic problem during the Probation period, s/he would reestablish satisfactory academic progress and be reinstated as a regular student. The student would need to sign an academic plan that outlines how this student would bring their GPA and/or completion percentage up to the minimum standards. This academic plan could span more than one quarter. The student would continue to receive financial aid during this Probation period.

However, if the student is academically unsuccessful during the Probation period, s/he would be disenrolled from Academy College unless the student is meeting the conditions of their academic plan.

#### **Satisfactory Academic Progress–Dismissal (STD)**

Students not achieving minimum standards either cumulative GPA or completion rate, at a mandatory dismissal evaluation point will be dismissed from school. The student will be notified in writing of the dismissal.

#### **Satisfactory Academic Progress– Extended Enrollment (SPE)**

In the event of dismissal, students may request in writing an Extended Enrollment Status for one quarter, which means that they may re-take courses at their own expense for one quarter to re-establish satisfactory academic progress. Courses taken while a student is in extended enrollment status will count as credits attempted. Students cannot exceed one and one-half times the program credits attempted in an extended enrollment status and receive the original academic credential for which he or she has enrolled. Students exceeding the maximum time frame may receive a certificate of completion.

If at the end of the extended enrollment quarter, students improve the cumulative GPA or meet the required percentage level of credits earned versus credits attempted, they may be reinstated by Academy College as a regular student and going forward will be eligible to receive federal financial aid. If students do not meet satisfactory academic progress during the extended enrollment period, they will be dismissed from Academy College.

During the Extended Enrollment period, students will be charged tuition, but they are not eligible for federal and/or state financial aid funds.

If at any point it can be determined that it is mathematically impossible for a student to meet the minimum requirements, the student will be dismissed from the school.

### **APPEAL PROCEDURE & MITIGATING CIRCUMSTANCES**

A student who disagrees with the application of the satisfactory progress standards or feels that there are mitigating circumstances to warrant the waiving of satisfactory standards may appeal in writing to the Director of Education. This appeal must be filed within two weeks after being placed on probation or dismissal.

An Appeals Committee will review the request and respond in writing. The decision of the Appeals Committee is final and may not be appealed further.

The Director of Education may waive satisfactory standards for circumstances of poor health, family crisis, or other significant occurrence outside the control of the student. Students must document and demonstrate that these circumstances had an adverse impact on their satisfactory progress in the academic program. No waivers will be provided for graduation requirements.

A student who is granted a waiver of Satisfactory Academic Progress (SAP) policy will sign a student advisory form stating the academic outcomes that must be met in order to remain in school. The student will be making SAP and will be eligible for financial aid as long as the conditions on the student advisory form are met. Enrollment of a student who fails to meet those conditions will be terminated.

### **INCOMPLETE GRADES**

#### ***Classroom Incomplete (I) Request***

At the student's request to their instructor, the instructor will submit an Incomplete Request to the Director of Education for approval only if there is a compelling reason such as documented hospitalization or family emergency, and the student agrees to complete the work within two (2) weeks after the course ends.

If approved, the Director of Education will notify both student and instructor by email. If the incomplete work is not completed within the two-week extension, the grade will be changed from an "I" to the grade earned in the course before the extension was granted. The course will then be calculated as a course attempted for purposes of determining satisfactory academic progress and cumulative GPA.

#### ***Flight Incomplete (FI) Request***

At the student's request to their instructor, the Thunderbird Aviation Flight Training Manager will submit a Flight Incomplete Request to the Director of Education for approval only if there is a compelling reason such as documented hospitalization or family emergency, weather, extreme extenuating circumstances, or the final DPE is not able to be scheduled within the given quarter, and the student agrees to complete the flight course within two (2) weeks after the flight course ends.

If approved, the Director of Education will notify both student and Flight Training Manager by email. If the incomplete flight course is not completed within the two-week extension, the grade will be changed from an "FI" to an FA earned in the course before the extension was granted. The course will then be calculated as a course attempted for purposes of determining satisfactory academic progress and cumulative GPA.

### **COURSE DROP**

Students may officially drop a course if they give notice in writing to the college. If students elect to drop a course (based on the withdrawal notification date) after attending more than one (1) week of a class session, but less than 60% of the course, a "W" will be recorded on their transcript with no points earned and will be included in the Satisfactory Academic Progress (SAP) calculation. Students cannot drop a course if they have attended 60% or more of class based on the withdrawal notification date.

### **PROGRAM WITHDRAWAL & RE-ENTRY TO SCHOOL**

For students who re-enter the same program after a voluntary withdrawal, all prior courses attempted will be used for SAP calculations.

For students who re-enroll in a different program after a voluntary withdrawal or a non-voluntary dismissal, prior earned credits that are required or can be applied to the new program will be included in the percentage of credits attempted and earned, and will apply to the max time frame allowed for program graduation. These courses will be included in the GPA calculation.

### **COURSE REPETITIONS**

If students fail courses, they may make them up at their own expense. Students must earn a "D" or higher in a repeat course to meet program requirements. Both the original course and the repeated course will count as credits attempted in the calcu-

lation of successful course completion percentage and all grades will remain on the student's transcript.

### **REMEDIAL COURSES**

Academy College does not offer remedial courses

### **TRANSFER OF CREDIT AND TEST OUT**

Grades received from credits that are transferred into Academy College or tested out of Academy College are not computed in the GPA. These credits are used in the evaluation of a student's cumulative completion ratio.

### **COURSE GRADE APPEALS**

Any student who wishes to appeal a grade earned during the previous quarter must:

1. Contact the instructor in writing to determine the basis for the grade within seven (7) days after grades are posted to student's gradebook.
2. If, after contacting the instructor, the issue is not resolved, the student may submit a letter to the Director of Education, detailing all facts, and include documentation (any graded coursework) within the next five day period.
3. The Director of Education will review both student and instructor paperwork and conclude the appeal. The Director of Education will communicate the decision in writing to both the student and instructor. The decision will be final.

### **ATTENDANCE AND MISCONDUCT WARNINGS**

If students do not attend classes on a regular basis, they will be required to meet with the education department to discuss a plan to alleviate any interferences. The college recognizes that the first step to success is the regular attendance and participation in all classes.

If student do not conduct themselves within the boundaries of professional behavior in all their dealings with instructors, other students, and college staff, they will be required to meet with the Director of Education. Students cannot interfere in the classroom environment that inhibits the success of others.

A warning can be issued to immediately cease all disruptive behavior. If the problem continues, the college will convene a disciplinary hearing and actions can lead up to dismissal from the college.

### **PROGRAM CHANGE**

All courses that apply toward the new program will be transferred and counted in the SAP calculations regardless of passing grades. (see page 32, "Program Change")

### **MULTIPLE DEGREES**

All courses that have been successfully completed and can be applied to the new program are used in all SAP calculations. (see page 32, "Multiple Degrees")

## **GRADUATION REQUIREMENTS**

Students are eligible for graduation if they meet the following criteria:

1. Complete all required courses. All failed/incomplete courses must be retaken or completed with a passing grade of "D" or higher.
2. Complete at least 25% of their program courses at Academy College if they were transfer students.
3. Earn a cumulative grade point average (GPA) of 2.0 or higher.
4. Have completed no more credits than 150% of required credits for their program.
5. Meet financial obligations to Academy College.

Students are eligible for graduation from the Aircraft Dispatch program if they meet the following criteria:

1. Completed the program and pass the FAA Practical Exam.
2. If a student does not pass the FAA Exam, s/he may apply for retesting according to FAR Part (65.19):
  - a. After 30 days after the date the applicant failed the test; OR
  - b. Before the 30 days have expired if the applicant presents a signed statement from an airman holding the certificate and rating sought by the applicant, certify-



ing that the airman has given the applicant additional instruction in each of the subjects failed and that the airman considers the applicant ready for testing.

Please note that if the applicant is using the Aircraft Dispatcher training course to meet FAA Exam requirements, s/he must apply for a dispatch license as per their dispatch course schedule FAR Part (65.57).

After completing the Aircraft Dispatcher training course, scheduling, retesting and licensing issues become the sole responsibility of the student.

Academy College does not guarantee that students will pass the FAA Practical Exam.

### **GRADUATION PROCESS**

During the quarter in which you expect to graduate, request a Graduation Request Form from the Career Center or Student Services. This form will be used to:

1. Enter your full name as you would like it to appear on your diploma.
2. Meet with the financial aid office for Federal and State loan exit counseling.
3. Meet with the Career Services Representative to discuss your résumé, cover letter, and career status.

After these activities are completed, upon approval you will receive a letter indicating your graduation status.

## **CLASSIFICATION OF STUDENTS**

### **REGULAR**

Students who meet all admission requirements and complete courses for credit within the constraints of satisfactory academic progress are considered regular students.

### **ACTIVE**

Students currently attending classes or on an approved leave of absence are considered active students.

### **PARTIAL**

Students taking courses for credit on a course-by-course basis are considered partial students and not degree-seeking. These students cannot receive financial aid funds and must follow all course prerequisites. The current tuition rate will apply. Students are encouraged to meet with admissions staff and the Director of Education to determine which course fits their educational needs.

### **LIFELONG LEARNER**

Academy College active students and graduates are provided with the opportunity to audit previously passed courses free of charge.

### **LEARNING FOR LIFE**

High School Students enrolled under the Learning for Life program will be responsible to pay for any fees and textbooks required for completion of course.

## **STUDENT STATUS CHANGES**

Students who change their student status by...

- dropping or adding a class
- withdrawing from school

...should do so officially either in person with the Student Services or Education department or in writing to Academy College, 1600 W. 82nd Street, Suite 100, Bloomington, Minnesota, 55431, ATTN: Student Status Change.

### **COURSE DROP/ADD POLICY**

Students may officially drop or add a course by the end of the first week of the course session without penalty. The student must give official notice to the college in writing. The withdrawal date is the date the school receives the notice. Courses dropped by the end of the first week will not appear on the student's transcript and will not count towards any SAP calculation.

Dropping or adding a class may affect both tuition cost and financial aid eligibility. If a student drops a class after the initial first week of class (add-drop period), that student will be responsible for the entire cost of that class.

### **PROGRAM CHANGE**

If a student wishes to change programs, a written request must be made through the Student Services/Education department. If a student is under 18 years of age, the request for a program change must be made by a parent or guardian.

The student must then meet with the Student Services/Education department to ensure that the student has met all entrance requirements for the new program and that the student understands the new program track. All grades the student earns at Academy College will be included on the transcript regardless of any program changes. All courses that apply toward the new program will be transferred and counted in the SAP calculations regardless of passing grades. The final GPA is dependent on final program completed. If all conditions are met, the student will be enrolled in the new program, and the financial aid office will establish a new financial aid plan. Students are allowed only two program changes.

### **VOLUNTARY/NON-VOLUNTARY**

#### **WITHDRAWAL FROM SCHOOL**

If, for any reason a student wishes to discontinue his/her program, a written request should be made through the Student Services or Education department. When the student is under 18 years of age, request for withdrawal from school must be made by a parent or guardian. A refund calculation will be completed and all Title IV funds will be returned according to the college's refund policy within 45 days after the date of the college's determination that the student withdrew (see page \_\_\_\_, "Order of Return to Title IV and other Earned and Unearned Funds"). Any outstanding balance must be paid in full to the school. Each student receiving federal student loans must complete an exit interview with the Financial Aid Department as required by federal regulation.

### **LEAVE OF ABSENCE**

The administration may grant students a leave of absence. Students are required to fill out a leave of absence request form and state the proposed date of return. Standards of satisfactory academic progress will not be impacted by an approved leave. Serious medical, personal crises, and military active duty are reasons to request a leave. Students are encouraged to meet with the Director of Education to discuss any potential leave of absence:

The number of calendar days in a leave of absence are counted beginning with the first day of the student's initial leave of absence (the next scheduled day of attendance) through the day before the student is scheduled to return. This includes any school breaks.

A "12 month period" begins on the first day of the student's initial leave of absence through the first day the student is scheduled to return to school.

The student must pay the balance due in full to the school (if any) before a leave of absence will be granted.

All financial aid funds will be held by the institution during the leave of absence as required by federal regulations. Each student receiving federal student loans must complete an exit interview with the Financial Aid Department as required by federal regulations.

A student who does not return from an approved "leave of absence" will be considered (for Title IV purposes) withdrawn from the college. Academy College will consider this student

not registered. A refund calculation will be completed and all Title IV and other fund sources will be returned according to the school's refund policy. Any outstanding balance must be paid in full to the school.

## **MULTIPLE DEGREES**

Current students seeking a second Associate degree from Academy College must complete at least 24 additional credits of 2000 and above level technical courses over and above that required for the primary degree.

Current students seeking a second Bachelors degree from Academy College must complete at least 24 additional credits of 2000 and above level technical courses over and above that required for the primary degree.

The student must meet with the Director of Education to identify the specific additional course requirements and to ensure that the student understands his/her new track. Students must have completed at least half their primary degree. The student would complete their first degree, graduate, then re-enroll into a new program and successfully complete at least one additional class. All courses that have been successfully completed and can be applied to the new program are used in all SAP calculations.

## **ATTENDANCE POLICY**

Academy College expects students to attend class consistently. Absences can seriously limit a student's success in a course. If a student misses class(es), arrives late and/or leaves early, the instructor reserves the right to deduct points per class. There are no excused absences or class make-ups; however, as a professional courtesy to the instructor, the student should contact the Education Department at 952.851.0066 to report an absence. Students may also email their instructor directly.

Students enrolling with Academy College are required to attend and participate in all classes for which they are registered. This applies to lecture, computer, and lab classes. Attendance requirements for Aircraft Dispatcher and Aviation Ground Principles are set out in their respective course syllabi. Late arrival or early departure from classes are not permitted and will be recorded as such and considered when determining absentee percentage.

While Academy College recognizes that students may, at times, be unable to attend class due to illness, personal emergencies, etc., such events will be counted as absences when determining whether the student has met the class attendance requirements.

Academy College will help the student devise a plan to increase attendance and to continue in pursuit of their academic goals.

Students who are not in attendance or in pursuit of their academic goals for 21 days will be dropped from the class.

## CREDIT TRANSFER

### **CREDIT TRANSFERRED IN**

It is the responsibility of all incoming Academy College students to request and ensure all transcripts of previously attended institutions have been submitted to Academy College for credit transfer review. Please request that all transcripts be sent directly to Academy College, Attn: Director of Education. If you are uncertain of your previous institution's policy/requirements for the release of your official transcript, please contact them directly for additional guidance.

Students that attended institutions outside the United States must have their transcript(s) translated into English. The transcript(s) must be evaluated by a member of the Association of International Credentials Evaluators (AICE) or the National Association of Credential Evaluation Services (NACES) and mailed directly to Academy College, Attn: Director of Education. Any evaluations received outside of this indicated format will not be considered for transfer to Academy College.

**No credits will be transferred to your Academy College program unless you are a regular, current student and an evaluation of your official transcripts, which have been issued directly from the institution(s), has been performed.**

College credits earned in aviation, business, accounting, information technology, or general education courses at other institutions may be considered for transfer to Academy College's program based on grades achieved in the courses, subject to review by the Director of Education. No courses below college level or in which less than a "C" grade was earned will be considered for transfer. AV coded classes will be considered for transfer if completed through an institution of higher education with FAA authority to certify its graduates for an Airline Transport Pilot Certificate with reduced aeronautical experience. Students are required to provide an official transcript (which must be sent directly to Academy College from the past institution(s)) and may be asked to provide school catalogs and/or course syllabi from the previous institution(s) to assist in the evaluation of the courses and demonstrated competencies earned by the entirety of a student's program.

The maximum allowable transfer of credit into an Academy College AAS or BS program is 75% of the Academy College program credits. Credits must be transferred before the student starts school.

Students who previously attended Academy College, withdrew, and then returned to the same program will retain all earned grades on their transcript (including "W's"). These grades will be calculated in the GPA and apply towards their completion rate.

For students who previously attended Academy College, withdrew, and then return to a different program, the transcript will be reviewed by the Director of Education for course transfers ("D" and above) that meet the new program's criteria. The student may choose to accept the transfer of their courses. Any F, W and I grades for courses not required in the new program do not transfer and will not calculate in the new program GPA.

**Credit transfer requests for courses conducted under an FAA approved syllabus as noted in this catalog are subject to the following considerations:**

- Education and training earned in Private Pilot Ground will be considered for transfer based on grades achieved and/or FAA licenses and certificates. No course below a college level or in which a student earned less than a "C" grade will transfer.
- College credits earned in Instrument or Commercial Ground will be considered for transfer if completed through an institution of higher education with FAA authority to certify its graduates for an Airline Transport Pilot Certificate with reduced aeronautical experience. No course below a college level or in which a student earned less than a "C" grade will transfer.

- For credit transfer of Private Flight, the Director of Education will review and approve the credentials as per Federal Aviation Regulations.
- College credits earned in Instrument, Commercial or Multi-Engine Flight will be considered for transfer if completed through an institution of higher education with FAA authority to certify its graduates for an Airline Transport Pilot Certificate with reduced aeronautical experience.

All other courses conducted under an FAA approved syllabus as noted in the catalog must be taken at Academy College.

- These considerations are in force for evaluation for credit transfers based on college transcripts, log book entries, ground school certificates, or FAA certifications and ratings.
- The maximum credits assigned for a course are based on the credits for that course as listed in the current Academy College catalog and are assigned at the discretion of the Director of Education.

To earn a Degree from Academy College, the student must satisfactorily complete at least 25% of the selected program from Academy College's program course offerings. The maximum allowable credits to be transferred in is not to exceed 75% of the total program credits.

Depending on the number of credits the college accepts into the Bachelor Degree Program, it may take the student longer than two (2) years at Academy College to complete their Baccalaureate Degree.

Please note: These credit transfer limits do not apply to credits earned with Academy College affiliated institutions.

### **POST-SECONDARY ENROLLMENT OPTIONS PROGRAM FOR HIGH SCHOOL STUDENTS**

Academy College does accept Post Secondary Education Options (PSEO) transfer credits earned at other post-secondary institutions. Academy College will only accept courses that have a "C" or better grade and will be evaluated by the Director of Education to determine the appropriate area of transfer.

### **ADVANCED PLACEMENT (AP) POLICIES**

Academy College encourages and applauds students who have chosen Advanced Placement (AP) courses as part of their high school curriculum. These courses are challenging and demanding, and we believe they provide excellent preparation for college study.

#### **Submitting Your Scores**

The easiest way to ensure that the Academy College receives your AP scores is to name us as a recipient when you sign up for exam(s). You can use this procedure even if you take the exam as a junior in high school; Academy College will keep your scores until your senior year. If you do not name Academy College as a recipient when you take your exam, just contact the College Board and request that scores be sent to Academy College Office of Admissions. When you are admitted to Academy College, you may be eligible for Academy College credit. To ensure that your AP scores match up with your Academy College academic record, be sure to identify your name and Social Security Number with the College Board in the exact same way you identify, or expect to identify, yourself on your Academy College application.

Academy College does accept Advanced Placement credits earned during high school. We will only accept AP credits that have a score of 3, 4, or 5 on the test. All AP credit courses will be evaluated by the Director of Education to determine the appropriate area of transfer. Advanced Placement credits are not included in the GPA or Satisfactory Academic Progress (SAP) calculation.

### **CREDIT TRANSFERRED OUT**

Credits earned at Academy College may transfer to other educational institutions. The criteria for credits to transfer is set by the receiving institution. Students should check with the registrar or counselor at that institution for specific credit transfer details.

## INTERNSHIP

Internships offer students valuable on-the-job and career networking experience. If students are interested in registering for an Internship, they must meet and discuss this option with the Education Coordinator or the Director of Education. It is the student's responsibility to seek an Internship, and submit required paperwork to the Education Coordinator or Director of Education during the course registration period. Students will earn a Pass/Fail grade for the Internship.

## TEST OUT POLICY

All Test Out (T/O) privileges for regular students should be identified at the student's initial registration.

However, if a student has enrolled in a course, and then discovers during the first week of class that s/he has mastery of the subject, the student may apply for a Test Out by the end of the first week of class. The Test Out application must be approved by the Director of Education. If the Test Out is approved, the Director of Education will arrange an examination. Test Out grades are not included in the GPA. Please note: Academy College does not offer Test Outs for all courses. General Education classes are exempt from Test Outs.

Students who are certified in specific courses (for example, A+, Network+) may submit the certification for supporting documentation along with the completed Test Out form to help in the approval process. Please note: Academy College does not accept certifications for course transfer credits.

Students will be expected to complete the Test Out exam by the second week of the term. The fee for the Test Out exam is \$75.00 per credit and must be paid in full before the test is administered. If students achieve a 70% or greater grade on the exam, a T/O grade will be posted on their transcript. If students do not pass the test, they must remain in the course. The Test Out fee is non-refundable. Academy College strongly recommends that students requesting a Test Out check with the Financial Aid Office. A Test Out could affect a student's financial aid status.

Test Outs plus credit transfers cannot exceed 75% of a student's total program credit requirements.

# NOTES

---

# ADMISSION INFORMATION

## ADMISSIONS REQUIREMENTS & PROCEDURES

Academy College accepts high school graduates, G.E.D. recipients, college graduates, and college level transfer students. Students should complete the enrollment procedures as far in advance of the desired starting date as possible. Verification of immunization history is required no later than 45 days after the start of the first day of class.

1. Students should plan a personal interview at the school, a virtual interview, or by phone to discuss their interests and to become fully acquainted with the courses offered. Information concerning financial assistance may also be obtained at this time. If you do not live within the Minneapolis/St. Paul area and cannot arrange a personal interview without hardship, please write or e-mail the school for special arrangements. Students enrolling in an online program may arrange a personal interview via phone. Academy College's e-mail address is: [admissions@academycollege.edu](mailto:admissions@academycollege.edu).
2. Upon admission to Academy College, credits earned at a college or school accredited by one of the national or regional accreditation boards recognized by the U.S. Department of Education will be considered for transfer. Students that attended institutions outside the United States must have their transcript(s) translated into English. The transcript(s) must be evaluated by a member of the Association of International Credentials Evaluators (AICE) or the National Association of Credential Evaluation Services (NACES) and mailed directly to Academy College, Attn: Registrar. Any evaluations received outside of this indicated format will not be considered for transfer to Academy College. Grades must be "C" or higher to be acceptable for credit transfer. Credits must be transferred prior to the student's start date. A student who, by previous experience or study, has attained the knowledge required for a particular course, except for General Education courses, may receive credit for that course by passing an examination on the subject material (see page \_\_\_\_, "Test Out Policy"). Examination grades must be 70% or higher to be acceptable for credit.
3. The Admission Application form and Enrollment Agreement form must be completed, signed, and submitted along with the application fee prior to acceptance and enrollment in the school. The student is accepted and the Enrollment Agreement binding when signed by an authorized representative of Academy College. Any changes in the Enrollment Agreement will be binding on the student and Academy College only if such changes have been agreed to in writing (not orally) by an authorized Academy College official and by the student. The Enrollment Agreement and Academy College catalog constitute the agreement between the student and Academy College. Every assignee of the agreement is subject to all claims and defenses of the buyer of his/her successors in interest arising under the agreement. It is the policy of Academy College not to assign the agreement or any interest therein. One copy of the executed agreement will be returned to you.  
An Admissions Representative will schedule an interview for the student with the Financial Aid Office to discuss financing options.
4. All programs except Aircraft Dispatcher may have one or more courses offered online. All students who do not have an Associates or Bachelors degree for an institution of higher education must take the Distance Education Assessment prior to enrollment and pass prior to attendance. If a student fails the assessment, he or she must attend a coaching session with a Moodle Administrator. Upon successful completion of the session, the student will retake the assessment until he or she has successfully passed, allowing enrollment.

5. The school reserves the right to refuse admission to any student who does not have the academic ability to successfully complete his/her program at the school. Assessment criteria will include:

- a. High school graduate with official transcripts, or G.E.D. recipient, and
- b. Academy College Entrance Exam or qualifying GPA, SAT, or ACT score.

Academy College Orientation Exam Scores

- Student scoring 60 percentile or above are allowed admission into Academy College
- Students scoring below 59 percentile cannot enroll into the school.

SCORE	STATUS
60- 99 percentile	Regular enrollment
0-59 percentile	May not be enrolled

Qualifying GPA, SAT, or ACT Scores

- GPA: A score of 2.0 or higher from high school or a post secondary institution in which a degree or certificate was earned. You must provide a copy of your high school transcript.
  - SAT: A score of 1000 or higher. You must provide a copy of your SAT score report.
  - ACT: A score of 20 or higher. You must provide a copy of your ACT score report.
6. A student in an aviation Commercial Pilot program must meet the following in addition to the above assessment criteria:
    - a. Be 17 years of age or older.
    - b. Pass the appropriate FAA medical examination if applicable. Note: A First Class Medical Certificate is required for enrollment into the Commercial or Professional Pilot programs. A First Class Medical Certificate is required for employment in the industry.
    - c. Read, speak, and understand the English language.
    - d. Be a least 18 years of age at the time of commercial pilot certification.
    - e. Provide documentation depending on citizenship status
      - US Citizens must present one of the following: a current US passport or a government issued birth certificate and government issued ID.
      - Non-US Citizens must receive Transportation Security Administration (TSA) approval to receive flight training. Application is made online at <https://flightschoolcandidates.gov/afsp2/>. A processing fee is required along with fingerprinting at an approved site. The Aviation Coordinator or flight facility can aid the student in this process.
    - f. Academy College must receive a copy of the student's First or Second Class Medical Certificate prior to the intended College start date. If this is not provided, the student will be given the option to transfer to the Aviation Business program, in which they will remain, until they have provided the a First Class Medical Certificate to the College.
  7. Federal Aviation Administration requirements for certification, licensing, or registration are described in each course and are based on Federal Aviation Regulations (FARs).
  8. Students in the Aircraft Dispatch course must be 21 years of age or older and read, speak, and understand the English language.

9. All students in a public or private post-secondary educational institution must submit a statement that they have received appropriate immunization against measles, rubella, and mumps after having attained the age of 12 months, and against diphtheria and tetanus within ten years of first registration at the institution. This statement must indicate the month and year of each immunization given as required by MN Law (M.S. 135A.14). This law pertains to all students.

10. Academy College is committed to providing equitable access to learning opportunities for all students. We welcome qualified students with disabilities (e.g. mental health, attentional, learning, chronic health, sensory, or physical) who meet the technical standards of the program, with or without reasonable accommodations. If you are an applicant with a disability who needs accommodations, please contact the Director of Education.

11. The school provides equal opportunities to all students without regard to race, color, creed, national origin, age, or sex.

12. When a student registers for a program at Academy College, s/he is provided with an Academy College catalog that provides a program outline for his/her program. It is the student's responsibility to select and register for courses, keeping prerequisites in mind, to complete his/her program. The following events may preclude completion of a program within the optimal schedule.

- a. Receiving Credit Transfers or Test Outs
- b. Receiving Grades of F, FA, or W
- c. Changing Programs (see page 32, "Program Changes")
- d. Course Selection/Registration Errors

13. Re-entry students will follow the same process/procedures as new students.

## AIRCRAFT DISPATCHER COURSE: RESIDENT/CREDIT FOR PREVIOUS EXPERIENCE

1. Students are encouraged to talk with one of our Admissions Representatives to discuss your career goals and skills that you have to offer the industry. If you have a strong interest in aviation, and possess communication skills, you will be invited to complete the Admission Application form and submit it with the application fee.
2. The Admission Application form and Enrollment Agreement must be completed, signed, and submitted prior to acceptance and enrollment in the school.
3. Students must present valid, government-issued ID showing age 21 or older and proof of high school/GED completion.
4. Upon admission to Academy College you will receive an acceptance letter and the starting date of your course, and be enrolled as a resident or credit for previous experience student.
5. In Academy College's resident course, no advanced credit will be granted for prior training.
6. Academy College restricts the admission into the credit for previous experience program to select number of candidates who can provide certifiable evidence of a background in accordance with FAA criteria.

To ensure that only experienced airline personnel or individuals with demonstrated aeronautical background are enrolled in the credit for previous experience course, the following minimum restrictions will apply:

1. Minimum age of 21
2. An applicant for Academy College credit for previous experience program must present documentary evidence from paragraph b., satisfactory to the Aviation Coordinator, that (s) he has the experience prescribed in paragraph a:
  - a. Minimum satisfactory experience for a total of at least 2 years in the 3 years prior to the date of the application is needed to apply for the credit for previous experience course and/or hold a current private pilot certificate with instrument rating.

b. Documentary evidence satisfactory to show compliance with the experience requirements in paragraph a. may include the following:

- FAA certificates and ratings
- Current résumé
- Academic transcripts
- Employment verification letter to include job duties and employment dates associated with those duties (or)

Meeting the requirements of paragraphs a. and b. above is no guarantee an applicant will qualify for the credit for previous experience course. The requirements are minimums to apply for the course. The Director of Education will make final determination regarding acceptance and ensuring the applicant's experience is sufficient to qualify for the credit for previous experience course.

§ 65.57 Experience or training requirements. An applicant for an aircraft dispatcher certificate must present documentary evidence satisfactory to the Administrator that he or she has the experience prescribed in paragraph (b) of this section as follows: (a) A total of at least 2 years experience in the 3 years before the date of application, in any one or in any combination of the following areas: (1) In military aircraft operations as a – (i) Pilot; (ii) Flight navigator; or (iii) Meteorologist. (2) In aircraft operations conducted under part 121 of this chapter as – (i) An assistant in dispatching air carrier aircraft, under the direct supervision of a dispatcher certificated under this subpart; (ii) A pilot; (iii) A flight engineer, or (iv) A meteorologist. (3) In aircraft operations as – (i) An Air Traffic Controller; or (ii) A Flight Service Specialist. (4) In aircraft operations, performing other duties that the Administrator finds provide equivalent experience. (b) A statement of graduation issued or revalidated in accordance with § 65.70(b) of this part, showing that the person has successfully completed an approved aircraft dispatcher course.

## FAA LICENSURE: AIRCRAFT DISPATCHER COURSE

In order to obtain an Aircraft Dispatcher license, the following is required:

1. Individuals that graduate between 21 and 23 years of age, and have passed the examination, are qualified to be an assistant dispatcher until they reach the age of 23. Once that person is 23, the dispatcher's license is issued if evidence of passing the examination is presented to the FAA.
2. Aircraft Dispatcher Training Course graduation certificate.
3. Successful completion of the FAA Knowledge Exam.
4. Aircraft Dispatcher Practical Exam by FAA Designated Examiner.
  - a. Application for an Airman Certificate and/or Rating.
  - b. Program tracking and reporting subsystem data sheet.
  - c. Temporary Airman Certificate.

Practical: The FAA Practical Exam is not a part of the Aircraft Dispatcher FAA approved syllabus, but the exam is scheduled within the time frame of each course by Academy College with the FAA designated examiner for the convenience of the students.



# FINANCIAL INFORMATION

## TUITION & FEES

See catalog addendum, "Tuition & Fees."

## REFUND POLICY *BUYER'S RIGHT TO CANCEL*

1. Students who fail to return books in a new condition within five (5) business days following withdrawal of their current class will not receive refunds on books returned. Electronic books whose code has been redeemed are not, under any circumstances, refundable.
2. Any student, discharged for cause, will be terminated in accordance with the refund policy as herein contained and in the same manner as a voluntary withdrawal or dismissal.
3. Students who withdraw from the school during any session should submit a written notice to Academy College. For students who do not officially withdraw, Academy College will determine the student's withdrawal date within 14 calendar days of non-attendance, one week of a quarter start if not registered, the end of the current academic year, or the end of their program, whichever is earlier.
4. The school will notify students in writing of their acceptance or rejection. In the event that a student is not accepted by the school, all tuition, fees, and other charges will be refunded.
5. Notwithstanding anything to the contrary, all tuition, fees, and other charges paid shall be refunded to students if written notice of cancellation is given within five (5) business days after the day on which the student application is accepted by the school, regardless of whether or not the program has started.
6. If written notice of cancellation is given after the fifth business day after student's application is accepted by the school, but before the first lesson has been serviced by the school, all tuition, fees and charges shall be refunded except 15% of the total cost of the program not to exceed \$50.00.
7. Academy College shall give written acknowledgement of any notice of cancellation with ten (10) business days after the receipt of such notice, and shall within thirty (30) days after receipt of such notice, refund to the student any amount due and arrange for termination of the student's obligation to pay any sum in excess of that due under the cancellation and refund policy.
8. If written notice of cancellation is given after the first lesson is completed, but before completion of 60% of the period of instruction, based on the withdrawal date, the amount charged for tuition and fees shall be the prorated portion of tuition, fees, and all other charges plus 25% of the total program cost not to exceed \$100.00. After completion of 60% of the period of instruction, based on the withdrawal date, there will be no refund and the total cost of the course will be charged.
9. The date of application acceptance shall be the date of notice of acceptance, or the postmark date if mailed by letter. The date of cancellation shall be the date the letter of cancellation is postmarked (if applicable) or the date notice is received at the school. Notice shall be given to the school office which is located at 1600 W. 82nd Street, Suite 100, Bloomington MN, 55431.
10. The current catalog constitutes the entire agreement between the student (their parent or guardian) and the school. This agreement becomes a legally binding instrument upon written acceptance of the student by the school unless canceled as per item #7 under the Buyer's Right to Cancel Policy.

## VETERANS REFUND

Veterans and other eligible persons will be refunded according to Sec. 1776, title 38, U.S. Code which states that advanced payment of tuition, fees, and other charges will be refunded on a prorated basis computed to the date of discontinuance of training. In addition, the school may retain a \$10.00 registration fee.

## FINANCIAL ASSISTANCE

Academy College recognizes that many students will need financial assistance. All students who plan to attend will have the opportunity to schedule a personal interview with the Financial Aid Office to discuss and complete financial assistance applications.

The student is responsible for the full amount of tuition and fees charged by Academy College. However, if the student is eligible and has been approved for financial assistance and/or scholarship through a financial assistance program approved by Academy College, the student may defer, at the option of Academy College, that portion of their tuition equal to the certified aid amount. If for some reason the student's financial assistance is not received by its anticipated due date, he/she will be required to pay the amount due on their account immediately.

The following programs are available to students:

### GRANTS

These grants are available to undergraduate students on the basis of established need. Application is made using the Free Application for Federal Student Aid (FAFSA).

#### **Minnesota State Grant Program**

Available to Minnesota residents; the dollar amount changes annually.

#### **Pell Grant Program (Federal)**

Available to half-time and full-time undergraduate students; the maximum dollar amount changes annually.

#### **Federal Student Educational Opportunities Grant (FSEOG)**

Available to undergraduate students who exhibit extreme financial need.

#### **MN Child Care Grant Program**

Available, by separate application, to those students with documented child care costs for dependents who are 12 years of age or younger.

#### **MN GI Bill**

Available, by separate application, to eligible MN Veterans and eligible Minnesota dependant children and spouses of veterans.

#### **MN Indian Scholarship**

Available, by separate application, to eligible MN residents who are one-fourth or more American Indian ancestry.

### OTHER GRANTS

#### **Indian Scholarship**

Application is made and dollar amount determined by each tribe that participates in the program.

#### **Vocational Rehabilitation**

Available through Minnesota Department of Economic Security. Grants provided to cover costs associated with disability.

### LOANS (MUST BE REPAYED)

If students need additional financial aid, they may be eligible to apply for any of these loans. Some loan amounts are determined on basis of established need.

#### **Federal Subsidized Stafford Loan Program:**

Repayment begins six months after graduation or student drops below half-time.

#### **Federal Unsubsidized Stafford Loan Program:**

Interest payments are optional while student is in school. Repayment begins six months after graduation or student drops below half-time.

#### **Federal PLUS Loan:**

Parent Loan Program (dependent students only). Interest payments are optional while student is in school. Principal and interest payments begin approximately seven months after student starts school or can be deferred until student graduates or drops below half-time

#### **SELF Loan:**

Through the state of Minnesota, requires credit worthy co-signer. Interest must be paid while student is in school. Principal and interest repayment begins twelve months after graduation or the student drops below half-time.

#### **Sallie Mae Smart Option**

##### **Student Loan:**

Credit based loan. It may be used to supplement other forms of financial assistance. Various repayment options including deferment are available while enrolled at least half-time. Repayment begins six months after a student's withdrawal or drop below half-time.

### VETERANS EDUCATIONAL ASSISTANCE PROGRAMS

Every program offered at Academy College is approved for the GI Bill® and the Veterans Rehabilitation Program. Veterans benefits depend upon the time and period of military service.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. Government website at [www.benefits.va.gov/gibill](http://www.benefits.va.gov/gibill)

### OTHER MILITARY PROGRAMS

Go to: [www.goarmyed.com](http://www.goarmyed.com)

Federal Tuition Assistance

Army National Guard, Tuition Assistance

### WORK STUDY

There are two types of work study programs. These programs are available to students who meet eligibility requirements based on financial need, which his or her cost of attendance must be greater than his or her expected family contribution.

Eligibility requirements:

#### **Federal Work Study Program**

US Citizen or permanent resident

High school diploma

Satisfactory academic progress

Not in default on any federal student loans including Perkins loans

No grant overpayments owed

Valid social security number

Must be registered with selective service if male and born after 1960

#### **Minnesota State Work Study Program**

US Citizen or permanent resident

Minnesota resident

Enrolled a minimum of 6 credits per term

Satisfactory Academic Progress

Not in default on any federal student loans including Perkins loan

Attending a Minnesota school

Program leads to degree, certificate or diploma

Not receiving reciprocity benefits to attend a Minnesota school

Any student interested in Work Study should contact the financial aid department.

## **OTHER PROGRAMS AVAILABLE**

- Job Training Partnership Act (JTPA)
- Department of Employment and Economic Development (DEED)
- Part-time employment assistance
- HIRED
- Trade Adjustment Assistance (TAA) & Various Tribal Grants
- Workforce Investment ACT (WIA)

## **PAYMENTS**

Payments received on the first business day following the date due and every 30 days until paid in full will be charged a late fee.

## **Default And Collection**

If the student defaults on their scheduled payments, Academy College and/or its collection agent may disclose the fact that they have defaulted, along with other relevant information, to credit reporting organizations. The student will pay all attorney's fees and other collection costs and charges necessary for the collection of their amount not paid when due. If a collection agency subject to the Fair Debt Collection Practices Act is used, the student will pay all collection costs and service charges. The student waives their right to privacy with regard to the disclosure of any and all information to any party, organization, business or entity in an effort to collect any debt owed under this agreement.

## **APPLICATION PROCEDURES AND FORMS**

All need-based programs and Federal unsubsidized loan programs including PLUS loans mentioned previously require a valid student aid report on file. Students must fill out the Free Application for Federal Student Aid (FAFSA).

The FAFSA is processed by the United States Department of Education and each student's eligibility is determined using the Expected Family Contribution (EFC).

For all Title IV (Federal) grants and loans, only the FAFSA is used to determine eligibility.

These programs require U.S. Citizenship or Permanent resident status. Verification documents, such as a Federal Tax Return Transcript, W-2s, certificate of naturalization, and/or a permanent resident card may be requested by the Financial Aid Department.

In addition to the FAFSA, students (and/or their parents if dependent) will complete the Academy College Financial Aid Application and other applications as needed. For Loan Programs—Master Promissory Note. For Federal or State Work Study Programs—employment application. Students eligible for MN State Grant must provide copies of all post-secondary transcripts for evaluation. The MN State Grant Program is not available to students who have attempted more than four years of full-time college or equivalent.

With the FSEOG program, students are selected each quarter based upon established unmet need for that quarter. Academy College's FIRST SELECTION GROUP will be those students who are eligible for Pell. At quarter end, if funds are remaining, Academy College will award to students with the lowest EFCs who are not eligible for the Federal Pell Grant until remaining funds are expended.

## **DISBURSEMENT OF FUNDS**

All Federal and State financial aid funds (loans and grants) are disbursed quarterly. Federal Pell, MN State and Federal loans are disbursed between 10 days prior to 30 days after the first day of the quarter and is based on credits registered for at that time.

FSEOG funds, determined per criteria above and disbursed before, on, or at the midpoint of the quarter.

SELF loan and Sallie Mae Loan funds are received by Academy College via EFT and are posted to the student's account in full or in multiple payments. The student is notified by mail.

## **ENTRANCE/EXIT COUNSELING**

Students who apply for Federal loans for the first time must attend entrance counseling before starting school and all students must attend exit counseling each time before dropping below half-time, leaving school, or graduating. At both counseling sessions students are given information on loan

repayment, deferments, and the consequences of default. In addition, at exit counseling, students are given information about the National Student Loan Data System (NSLDS) and which entities have access to the reported enrollment and loan data.

## **FINANCIAL AID ELIGIBILITY**

Students who qualify for aid can receive assistance when enrolled and making satisfactory progress in their program. Students are deemed to be in good standing and making satisfactory progress while on any of the probation statuses if they are meeting the terms, except extended enrollment (see page 33, "Satisfactory Academic Progress—Extended Enrollment (SPE)"). Students are not eligible if they are in default or owe a refund on any Title IV grant.

For purposes of financial aid determination, the student's situation is defined by credits enrolled in per quarter as follows:

	<b>FEDERAL</b>	<b>STATE</b>
Full-Time	12 Credits	15 Credits
Three-Quarter	9 Credits	9 Credits
Half-Time	6 Credits	6 Credits

## **GRADE LEVEL**

Grade level is a term used for financial aid purposes to determine second, third, and fourth year loan eligibility for students who are in degree granting programs only.

## **Bachelor degrees:**

Students should consider themselves advanced beyond grade level one into grade level two upon successful completion of a minimum of 36 credits and 25% of the total program credits; grade level three, a minimum of 72 credits and 50% of total program credits; grade level four, a minimum of 108 credits and 75% of total program credits.

## **Associate of Applied Science degrees:**

Students should consider themselves advanced beyond grade level one into grade level two upon successful completion of a minimum of 36 quarter credits and 50% of the total program credits.

## **WITHDRAWAL FROM COURSE**

If a student withdraws from a course or courses within the first week of class, tuition will not be charged or will be credited, the course will be deleted from the record, and any financial aid paid for the course would be considered an overaward and would be refunded accordingly. Student payments received for that course could be applied to the next quarter's tuition or returned to the student if total account balance is a credit.

## **DETERMINATION OF WITHDRAWAL DATE FROM SCHOOL**

Academy College has a fair and equitable refund policy. If a student does not register for the period of enrollment, students will not be charged tuition. Financial aid will not be applied for the same period.

## **Tuition calculation purposes:**

Students who give official notice to the college, in writing or orally, the determination of withdrawal date is the date the school received the notice.

For students who are absent without contact for 14 consecutive days, the college will determine whether the student will be withdrawn. The determination date is the 14th day from the last date of attendance. After 21 days the student will be withdrawn.

## **Title IV refund purposes:**

For students who give official notice to the college, in writing or orally, the determination date is the date the school received the notice.

For students who do not officially withdraw from the college, the determination date is the date the school determines the student is withdrawn. For all students, the withdrawal date is the last day of attendance.

## **CALCULATION OF THE AMOUNT OF TITLE IV EARNED BY THE STUDENT**

The amount of Title IV grant or loan assistance that is earned by the student is calculated by determining the percentage of Title IV grant or loan assistance that has been earned by the student.

This percentage is applied to the total amount of Title IV grant or loan assistance that was disbursed (and that could have been disbursed) to the student, or on the student's behalf, for the payment period. Any funds that could have been disbursed will be identified by type and amount of Title IV funds that may make up a post-withdrawal disbursement.

If the student is owed a post-withdrawal disbursement of grant funds, those funds will be applied to the student's account. If the student is owed a post-withdrawal disbursement of loan funds and outstanding charges exist on the student's account, the student (or parent if PLUS) will be contacted within 30 days with options. For all students, the percentage of Title IV grant or loan assistance that has been earned by the student is based on the last day of attendance; if this date occurs on or before completion of 60 percent of the payment period. If the student's withdrawal date occurs after completion more than 60 percent of the payment period, 100 percent will be earned.

The unearned amount of Title IV assistance to be returned is calculated by subtracting the amount of Title IV assistance earned by the student from the amount of Title IV aid that was disbursed to the student as of the date of the institution's determination that the student withdrew.

## **RETURN OF UNEARNED AID, RESPONSIBILITY OF THE COLLEGE**

The college must return, in the Order of Return of Title IV Funds, the lesser of:

- The total amount of unearned Title IV assistance to be returned as calculated; or
- An amount equal to the total institution charges incurred by the student for the payment period multiplied by the percentage of Title IV grant or loan assistance that has not been earned by the student.

"Institutional charges" are tuition, books, fees, room and board (if the student contracts with the college for the room and board) and other educationally-related expenses assessed by the college.

## **RETURN OF UNEARNED AID, RESPONSIBILITY OF THE STUDENT**

After the college has allocated the unearned funds for which it is responsible, the student must return assistance for which the student is responsible. The amount of assistance that the student is responsible for returning is calculated by subtracting the amount of unearned aid that the college is required to return from the total amount of unearned Title IV assistance to be returned. The student (or parent in the case of funds due to a PLUS loan) must return or repay, as appropriate, to:

- Any Title IV loan program in accordance with the terms of the loan; and
- Any Title IV grant program as an overpayment of the grant; however, a student is not required to return 50 percent of the grant assistance that was disbursed (or could have been disbursed) for the payment period.

A student who owes an overpayment on a Title IV grant remains eligible for Title IV, HEA program funds through and beyond the earlier of 45 days from the date the college sends a notification to the student of the overpayment, or 45 days from the date the college was required to notify the student of the overpayment if, during those 45 days the student:

1. Repays the overpayment in full to the college; or
2. Enters into a repayment agreement with the college in accordance with repayment arrangements satisfactory to the college; or
3. Signs a repayment agreement through Department of Education, which will include terms that permit a student to repay the overpayment while maintaining his or her eligibility for Title IV, HEA program funds.

Within 30 days of the date of the college's determination that the student withdrew, a school must send a notice to any student who owes a Title IV, HEA grant overpayment as a result of the student's withdrawal from the college.

A student who owes an overpayment is ineligible for Title IV, HEA program funds:

- If the student does not meet the requirements on the day following the 45-day period; or
- As of the date the student fails to meet the terms of the repayment agreement with the school or the Secretary entered into in accordance of this section.

A student who is ineligible regains eligibility if the student and the Department of Education enter into a repayment agreement.

#### **ORDER OF RETURN TO TITLE IV AND OTHER EARNED AND UNEARNED FUNDS**

Funds returned by the college or the student, as appropriate, in accordance with the college's Refund Policy, will be credited to outstanding balances for the payment period or period of enrollment for which a return of funds is required or requested in the following order:

1. Unsubsidized Federal Stafford loans
2. Subsidized Federal Stafford loans
3. Unsubsidized Federal Direct Stafford loans
4. Subsidized Federal Direct Stafford loans
5. Federal Perkins loans
6. Federal PLUS loans
7. Federal Direct PLUS loans
8. Federal Pell Grant
9. Federal SEOG Program
10. Other assistance under programs Title IV
11. To repay required refunds of other Federal, State, private or institutional student financial assistance received by the student.
12. To the student

#### **TIMEFRAME FOR THE RETURN OF TITLE IV FUNDS**

The college will return the amount of Title IV funds for which it is responsible as soon as possible but no later than 45 days after the date of the college's determination that the student withdrew.

The college will determine the withdrawal date for a student who withdraws during a session without providing notification to the college no later than 14 days of non-attendance.

#### **NON-FEDERAL REFUND POLICY**

Refunds for state aid programs and non-state aid programs are calculated on a proportional basis using the state mandated or institutional refund policy. To calculate the minimum refund due to the Minnesota State Grant Program, the SELF Loan Program, and other State Aid Programs (with the exception of the State Work Study Program), the Minnesota Office of Higher Education Refund Calculation Worksheet, Appendix 13a, of the Minnesota State Grant manual is used.

## SCHOLARSHIPS

### **SHERM BOOEN LEGACY SCHOLARSHIP**

Academy College established this scholarship program to honor and continue the legacy of a great Minnesota aviator, Sherm Booen; and to provide a financial assistance to students studying to become professional pilots at Academy College.

Two \$5,000 scholarships will be awarded to two students each year, selected by the Academy College Scholarship Committee.

Eligibility:

1. Student is enrolled in the qualifying programs.
2. Complete a 1,000 word (min.) essay.
3. Demonstrate community involvement.
4. Provide two letters of recommendation.
5. Students must maintain a 3.0 GPA.

### **MILITARY TUITION PROGRAM**

The Academy College Military Tuition Program provides military members and their immediate families a scholarship in the form of a 10% tuition discount. Once eligibility is verified, students will be awarded the discount moving forward from the current term of enrollment. Discounts will not be applied for students eligible for the Post-911 GI Bill® at 100% or the Veterans Rehabilitation Program.

### **TUITION DISCOUNT ALLIANCE PROGRAM**

In an effort to continuously expand upon the Academy College community commitment, we are pleased to offer the Tuition Discount Alliance Program to students associated with our Partner community businesses and organizations. This Alliance Program, which provides a ten (10%) percent tuition discount to participant employees and their immediate family, allows members of the local community an opportunity to promote high quality, in-demand education programs that will continue to benefit the community at large.

To be eligible, a student must:

1. Be currently associated with an Alliance Partner
2. Be currently enrolled in a degree program
3. Complete the Tuition Discount Alliance Program Application
4. Complete the Tuition Discount Alliance Program Quarterly Confirmation Form at the end of each quarter



# STUDENT SERVICES

---

## CAREER SERVICES

The Career Services office contains career planning materials including occupational specialties, employment forecasts, résumé preparation, networking skills, and interview and follow-up techniques.

Academy College aids students in finding part-time and full-time employment. We encourage and assist our students in locating career-related jobs while attending school.

Students may also request for an internship from Career Services/Director of Education and together will formulate a plan for on-the-job experience related to their field of study.

After completing these courses, students may then request that the Career Services Department evaluate their employment potential. Employment references, employment history, educational background, and other pertinent data are assembled so that the Career Services Coordinator can help students find the best possible positions.

Academy College agrees to provide active students and Academy College graduates the full benefit and cooperation of its career services department. Students have the opportunity to attend Professional Workshop, which is a free service offered to all active and graduate Academy College students to aid in the acquisition of related employment. Completion of an Academy College program does not guarantee employment or successful passing of industry related exams.

Many companies complete background checks prior to hiring candidates. Incidences reported on background checks may impair one's ability to be hired in a variety of industries.

Students agree to provide notices of job acceptance and salary data, and give Academy College the right to use their names and/or photographs in any of the school's advertising. In addition, students agree to provide notice of professional examinations taken (CPA, MCP, FAA, CMA, etc) and certifications (including Microsoft) received.

## ADVISEMENT SERVICES

Advice is available to students in a wide variety of areas related to academics and career planning. In the academic area, assistance is provided in planning programs and selecting courses. Advisory sessions are held with students with special needs at the beginning of their program at their request, to address reasonable accommodations in the classroom, and a plan for success. Confidential personal advisement that is within the skill level of the staff is provided. When necessary, referrals for professional counseling services are identified for the student by Academy College.

Academy College is committed to providing equitable access to learning opportunities for all students. We welcome qualified students with disabilities (e.g. mental health, attentional, learning, chronic health, sensory, or physical) who meet the technical standards of the program, with or without reasonable accommodations. If you are an applicant with a disability who needs accommodations, please contact the Director of Education.

## AUTHORIZED TESTING CENTER

Academy College is an Authorized Testing Center that administers professional certification exams for a variety of industries. Testing Center authorization includes:

- FAA Proctored Internet Testing Center
- PSI Computer Testing Center
- Pearson VUE Testing Center

## DISTANCE EDUCATION

Students who have been successfully admitted to Academy College and meet all entrance requirements will have the opportunity to utilize a web-based supported platform to complete courses online. The learning management software we currently use is Moodle, which offers students the flexibility and convenience of taking courses to complete a Bachelor of Science Degree in Business Administration and/or individual courses in all degree programs in a location and time that is appropriate for them. The online courses will be delivered asynchronously utilizing the many features afforded in the online environment such as email, discussion boards, chat rooms, and interactive web-based tools.

All students, except Aircraft Dispatchers, who do not have an Associates or Bachelors degree for an institution of higher education must pass the Distance Education Assessment prior to enrollment. In addition, students will be required to participate in an online orientation session upon registration of their first online course.

A student may access their online course with an internet connection from any computer. Each computer or mobile device used to access the learning management software must be equipped with:

- Dedicated or Broadband internet connection
- Current version of any of the following web browsers:
  - Mozilla Firefox
  - Google Chrome
  - Apple Safari
  - Microsoft Edge or Internet Explorer
- Current version of Oracle Java
- Microsoft Office 365 to view documents (free for active students)
- Adobe Acrobat for viewing .PDF files

Other web browsers may be compatible with Moodle but may limit functionality with content in the courses. Add-ons installed, such as content blockers or download managers, could cause problems and may need to be disabled or removed if there are problems logging into or displaying pages.

# GENERAL INFORMATION

## **ACADEMIC FREEDOM POLICY**

The mission of Academy College is to provide our students with the highest quality of education. In that academic freedom is central to that goal, faculty members are entitled to freedom in their classrooms in discussing their subjects and determining the manner in which it is taught without harassment, surveillance, or unreasonable restriction on part of the administration.

## **ACCREDITATION**

Academy College is accredited by the Accrediting Commission of Career Schools and Colleges to award Bachelor of Science Degrees and Associate Degrees. The Accrediting Commission of Career Schools and Colleges is listed as a nationally recognized accrediting agency by the U.S. Department of Education and is recognized by the Council for Higher Education Accreditation.

## **APPROVALS**

Academy College is approved by the Minnesota State Approving Agency for Veterans Educational benefits. It is also approved by the State of Minnesota for education under the Vocational Rehabilitation Education program and is approved by the FAA under FAR Part 141.

## **ASSOCIATION MEMBERSHIPS**

Academy College is a member of Minnesota Business Aircraft Association (MBAA), University Aviation Association (UAA), Aircraft Dispatcher Federation (ADF), and Flight School Association of North America (FSANA).

## **CAMPUS SECURITY POLICY & CRIME REPORT STATISTICS**

See catalog addendum, "Annual Security Report," or <https://www.academycollege.edu/registrar/student-consumer-info/>

## **CAMPUS VISITATION POLICY**

Academy College welcomes and encourages visits by individuals who desire to become informed regarding our educational programs. Acceptable reasons for such visits include tours, observation of various classrooms, participation in special events and conferring with faculty and staff. The visits should have legitimate purpose and not interfere with course instruction.

Visitors are welcomed during normal business hours and must be accompanied by an Academy College Representative. All Non-Academy College individuals must check in at the front desk upon arrival and departure. Our classrooms, laboratories, library and student lounge areas are reserved for student and faculty use only.

Academy College reserves the right to request non-accompanied visitors to leave the specified areas.

This policy ensures safety and minimizes interruption to instruction, allowing Academy College students the opportunity to effectively utilize lab and classroom space as they work towards academic success.

## **CONDUCT**

In order to foster a supportive, productive, and safe learning environment, Academy College has adopted a Code of Conduct that sets forth the boundaries of acceptable behavior on the part of each student. Each student bears the responsibility for his/her own behavior. Violations of this code will result in disciplinary action. Types of disciplinary actions include reduction in a grade for a specific exam or assignment, warning, probation, removal from a class, and dismissal. These actions may be imposed alone or in combination.

The following lists include, but are not limited to, various types of violations that may result in disciplinary action.

### **Academic Misconduct**

1. Cheating
  - a. Using unauthorized sources or technological devices to answer exam questions
  - b. Copying another student's answers, with or without that student's knowledge
  - c. Collaborating with others on an assignment or an exam when not authorized
  - d. Providing or using answers of another for an assignment or an exam
  - e. Submitting work completed by another student under own name
  - f. Taking or completing work in another student's name
  - g. Falsifying lab sheets
2. Plagiarism
  - a. Representing another's work product, in whole or in part, as one's own
  - b. Paraphrasing another's work without proper citation
  - c. Not properly attributing another's authorship or the proper source
3. Using copyrighted material without proper permission
4. Misrepresenting or falsifying data
5. Submitting the same work product in more than one course
6. Procuring and/or distributing an exam to others before it has been administered
7. Aiding or abetting another student in any of the above actions

### **Disruptive and/or Dangerous Conduct**

1. Using cell phones in the classrooms or the library
2. Engaging in conversation that is not subject relevant during class periods
3. Engaging in any activity that interferes or impedes an instructor in conducting class sessions
4. Being disrespectful of the instructor or other students
5. Storing or possessing dangerous weapons, devices, and substances including but not limited to firearms, ammunition, knives, and fireworks
6. Stalking, harassing, threatening, or bullying faculty, staff or other students

### **Other Impermissible Conduct**

1. Violating Academy College's dress code
2. Violating Academy College's Internet and E-mail usage policies
3. Engaging in an activity, on campus grounds, that is illegal under state or federal law

## **COPYRIGHT POLICY**

Academy College respects the ownership rights of intellectual property in all of its various mediums, including digital and print, by adhering to the Copyright Law of the United States (17 U.S.C.). Academy College requires all faculty members, staff and students to comply with all applicable copyright laws.

### **Copyright Law**

The Copyright Law provides owners with exclusive rights including the right to reproduce their work; use their work as a basis for a derivative work; electronically distribute or publish copies; publicly perform a work such as a play; and, publicly display an image including on a computer screen. Copyright law applies not only to the reproduction of protected material, but also its use in the classroom setting, whether it is face to face, such as in an on campus classroom, or online.

Under the provisions of 17 U.S.C §102(a) the types of protected works include, but are not limited to

1. literary works;
2. musical works, including any accompanying words;
3. dramatic works, including any accompanying music;
4. pantomimes and choreographic works;
5. pictorial, graphic, and sculptural works;
6. motion pictures and other audiovisual works;
7. sound recordings; and
- 8 architectural works.

Under federal law, a copyright owner can be awarded actual damages, the infringers' profits, attorneys' fees, and court costs or opt for an award of statutory damages, which can be as high as \$150,000. Willful infringement can result in criminal fines up to \$250,000 and incarceration up to five years. A permanent injunction can be issued to enjoin all infringing acts. The infringing reproductions as well the equipment used can be impounded and destroyed. Liability still can attach to an individual even if the reproductions are produced by a commercial copy shop.

To aid in the understanding of what works may be reproduced a three step analysis should be used to determine if the work is exempt from copyright protection, if not exempt has the term of protection expired, and if does its use constitutes "fair use."

1. The first step is to determine if the work is available for copyright protection. The lack of a copyright notice does not mean that a work is not copyright protected. This has been optional for works published after March 1, 1989. Even unpublished works may have copyright protection.

Under the provisions of 17 U.S.C. §102 (b) copyright protection is not afforded to ideas, procedures, processes, systems, methods of operation, concepts, principles or discoveries. Although not specifically addressed in the statute, descriptions, explanations, or illustrations of these can be copyrighted.

The following categories of works are also are not generally available for copyright protection:

- a. Facts
- b. Freeware (not Shareware)
- c. Works that have not been fixed in a tangible form of expression (e.g. sometime improvised)
- d. Titles, names, short phrases, and slogans; familiar symbols or designs; mere variations of typographic ornamentation, lettering, or coloring; mere listings of ingredients or contents;
  - e. Works consisting entirely of information that is common property and containing no original authorship; and
- f. U.S. government publications.

2. Copyright protection extends for a set period of time although renewal is available. Upon copyright expiration, a work becomes part of the public domain and can be reproduced without restriction. The table below is a modified listing of works that are in the public domain as of 2011. For a more complete listing of copyright limits see the librarian. (see WORKS IN THE PUBLIC DOMAIN table on following page)

WORKS IN THE PUBLIC DOMAIN	
<i>Registered or First Published in U.S.</i>	
Before 1923	N/A
1923 - 1927	Published without copyright notice
1928 – March 1, 1989	Published without copyright notice and without subsequent registration within 5 years
1923 - 1963	Published with notice but copyright not renewed
<i>First Published Outside U.S. by Foreign Nationals or U.S. Citizens Living Abroad</i>	
Before 1923	N/A
1923 - 1977	Published in compliance of source country and in public domain of that country as of January 1, 1996 but not in compliance with U.S. requirements
Published after 1978	Published without copyright notice and in public domain of country where first published
<i>Never Registered / Never Published</i>	
Unpublished	If author died before 1941
Anonymous and pseudonymous works and those with corporate authors OR unpublished and author's date of death is unknown	If work created before 1891
<i>Sound Recordings Published in United States</i>	
February 15, 1972 - 1978	Published without notice
1978 – March 1, 1989	Published without notice and without subsequent registration

3. Even if a work is not exempt and not in the public domain, reproductions may be made if they qualify under the "fair use" provisions of the Copyright Act, Title 17 U.S.C. §107. "Fair use" is a four factor balancing test. The statutory provisions are reprinted as follows:

§ 107. Notwithstanding the provisions of sections 106 and 106A, the fair use of a copyrighted work, including such use by reproduction in copies or phonorecords or by any other means specified by that section, for purposes such as criticism, comment, news reporting, teaching (including multiple copies for classroom use), scholarship, or research, is not an infringement of copyright. In determining whether the use made of a work in any particular case is a fair use the factors to be considered shall include—

1. the purpose and character of the use, including whether such use is of a commercial nature or is for nonprofit educational purposes

FAIR USE:

a. Non-profit Educational Use Personal Use

CAN TILT EITHER WAY

a. Criticism

b. Commentary

c. News reporting  
d. Teaching (multiple copies distributed in classroom setting)

e. Scholarship

f. Research

NOT FAIR USE

a. For-profit educational use

b. Commercial use

2. the nature of the copyrighted work

FAIR USE:

a. Fact based

b. Not fiction

CAN TILT EITHER WAY

a. Both creative and factual

NOT FAIR USE

a. Creative work

b. Fiction

3. the amount and substantiality of the portion used in relation to the copyrighted work as a whole

FAIR USE:

a. Small amount and portion is not an essential component of the entire work

b. Amount is for educational purposes

NOT FAIR USE

a. More than small amount

b. Portion is essential to or is the heart of entire work

4. the effect of the use upon the potential market for or value of the copyrighted work.

FAIR USE:

a. No or little economic impact for copyright holder if use was widespread

b. One or few copies made

c. Transitory in nature (e.g. one class session and not repeated from term to term)

d. No licensing provisions

e. Limited access (e.g. to students registered in class or password protected access to online class)

CAN TILT EITHER WAY

a. Original work is out of print

b. Copyright holder is unidentifiable

NOT FAIR USE

a. Economic impact for copyright holder if use was widespread (loss of potential sales)

b. Avoids royalty payments

c. Affordable permission is available

d. Placed on a public forum repeatedly or for long term use

e. Licensing is easily available

f. Material was meant to be consumable such as workbooks and test forms

Unfortunately there are no clear standards for this test. There has been debate whether all the factors have equal weight or if the last factor weighs more heavily. Only the courts will be able to determine if a particular use constitutes fair use.

For profit educational institutions only have three out of four factors that can possibly weigh in favor of "fair use." Using the table that follows, if three of the factors favor fair use it is more likely that it is "fair use." If only two of the factors favor "fair use" then it is questionable. When questionable, then it the copyright holder's permission should be sought. It is the responsibility of the instructor to obtain permission from the copyright holder.

## Distance Education

The "fair use" analysis is also to be used in distance education courses. Exemptions provided in the Technology, Education and Copyright Harmonization Act (TEACH) applies only to non-profit educational institutions. However it is useful to note that the American Library Association developed TEACH guidelines by which instructors may use copyright protected material without the holder's permission. Briefly summarized, course instructors and the institutions must limit access to copyrighted material by limiting it to students enrolled in the class and that the material only is made available for the length of time required to complete the class session or course. In addition there must be measures to prevent the copying and redistribution of protected works and that a warning must be attached to the material indicating that copying and redistributing these materials can constitute a violation of the copyright law. When TEACH was enacted, it was envisioned that exempted material would not to be available for the entire course term. Rather it would be transitory and limited to a class session similar to a class session on campus meaning that it would not be viewable for the entire term.

In Academy College's distance education courses, only protected material that meets the "fair use" standard may be uploaded otherwise the copyright holder's permission is required. In order that it may be considered transitory in nature, this material may be only accessible to students enrolled in the class and be viewable only for a limited amount of time preferably for no longer than one week. Any such material must be in a format that does not only allow students to download a copy. Any protected material must include the posting of a copyright notice.

## Library Use

For profit schools are not allowed the exemptions afforded to the libraries of non-profit education institutions. The library reserves the right to refuse to add to its collection or to place on reserve any material it feels may be in violation of the copyright laws.

## File Sharing

File sharing programs are not illegal. However, it is a violation of copyright laws if music, movies, software and/or other forms of media, in part or in their entirety, are downloaded, uploaded or distributed without the express permission of the copyright holder. The only exceptions are works that are in the public domain or are labeled as free by the copyright holder. It is well known that copyright holders are vigilant in searching for and the prosecution of file sharing violations.

For academic purposes, the "fair use" test may be applicable for some file sharing. It cannot be applied for personal recreational use and in no instance is personal file sharing use permitted on the school's computers. The school's computers are regularly monitored for illegal activity and known peer to peer network addresses and websites are blocked.

The library maintains information on internet sites that list legal downloading sites and legal alternatives for downloading.

### Computer Usage And Photocopy Machine Usage

On campus computers are to be limited to school work and in the library school work and job searches. Recreational use in any form is not allowed.

The following notice applies to all usage.

NOTICE: The copyright law of the United States (Title 17, U.S. CODE) governs the making of photocopies or other reproductions of copyrighted material. Unauthorized photocopies or other reproductions beyond the scope of any copyright exemptions may be a violation of the law. The person using this machine is responsible for and may be liable for any copyright infringement.

Academy College reserves the right to refuse access to and use of this machine for making photocopies or other reproductions if, in its judgment, such photocopies or reproductions would be in violation of the copyright law.

### Violations of the Copyright Law

Individuals are liable for any copyright violations. In addition, violation/s on the part of faculty member may result in the cancellation of his/her contract. Violation/s on the part of the staff may result in their dismissal. Violation/s on the part of a student/ may result in disciplinary action.

### DEFINITION OF A STUDENT

The word "student" shall be construed to mean the student (himself/herself) if he/she is the party to the contract or his/her parent, guardian, or another person, if that person is a party to the contract on behalf of the student.

### DEFINITION OF THE STUDENT BODY

The student body of this school includes high school and college graduates. We have men and women of all ages attending our day, evening, weekend, and online sessions. The enrollment is large enough for effective programming, yet small enough to ensure ample individual attention.

### DIRECTORY INFORMATION

Directory information is that information which may be unconditionally released without the consent of the student unless the student has specifically requested that the information not be released. Directory information includes: Student's name, date of birth, address/email address; course of study; extracurricular activities; degrees and awards received; last school attended; dean's list or equivalent; attendance status and dates of attendance (the period of time a student attends or attended the Institution not to include specific daily records of attendance).

Students may restrict the release of Directory information except to Institution officials with legitimate educational interests and others as outlined above. To do so, a student must make the request in writing within 15 days of start date to Registrar, Academy College, 1600 W. 82nd Street, Suite 100, Bloomington, MN 55431. Once filed, this becomes a permanent part of the student's record until the student instructs the Institution, in writing, to have the request removed.

### DRESS CODE

Students are expected to be neat and clean and dressed in clothing consistent with the type of dress that would be required for their career field environment.

### EQUIPMENT AVAILABLE

Selected classes include computers, video and DVD players, network equipment, LCD projectors, virtual and augmented reality devices, and classroom training devices.

Additionally, the library offers access to multiple databases, including and not limited to, East Library Minnesota A-Z Databases, EBooks Minnesota, GALE EBooks, Proquest, and Ebsco Host.

### FACILITY

Academy College is located near interstates 35W and 494. Ample parking space is available to all, at no cost, and the location is on a major metropolitan bus route. The facility is available for use by students from 8:00 am to 10:00 pm Mon-Fri during regular class schedule. Library and lab hours are posted at the beginning of each new quarter.

### FACULTY GOVERNANCE

A crucial element in initiating and implementing effective academic policies and standards in the fundamental areas of curriculum, content, and methods of instruction is shared governance with the faculty. It is the responsibility of all faculty members to actively participate in quarterly faculty meetings led by the Director of Education. The college has initiated feedback meetings at the end of each quarter to identify areas of improvement in all academic aspects of the college. The Curriculum Management Team (CMT) is led by the Director of Education and includes program representatives.

Student learning outcomes are tracked by the administration and are made a part of the IAIP (Institutional Assessment and Improvement Plan). The IAIP serves as the long term planning tool for the college to improve in all aspects of educational delivery.

### FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT

Amended 10/01 to include the USA Patriot Act

The Family Educational Rights and Privacy Act (FERPA) (20 U.S.C.g; 34 CFR Part 99) is a Federal law that protects the privacy of student education records.

1. The students have the right to inspect and review the student's education records within 45 days of the day the College receives a request for access. Students should submit to the registrar, education department, or other appropriate official, written requests that identify the record (s) they wish to inspect. The College will make arrangements for access and notify the student of the time and place where the records may be inspected.
2. The students have the right to request the amendment of the student's education records that the student believes are inaccurate or misleading. Students may ask the College to amend a record that they believe is inaccurate or misleading. They should write the school Director, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. The students have the right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic or research, or support staff position; a person or company with whom the College has contracted (such as an attorney, auditor, or collection agent); or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

4. The College may disclose – without the written consent or knowledge of the student or parent – personally identifiable information from the student's education records to the Attorney General of the United States or to his/her designee in response to an ex parte order in connection with the investigation or prosecution of terrorism crimes specified in sections 2332b (g) (5) (B) and 2331 of title 18, U.S. Code. In addition, the College is not required to record the disclosure of such information in the student's file. Further, if the College has provided this information in good faith in compliance with an ex parte order issued under the amendment is not liable to any person for the disclosure of information.
5. The College may disclose – without the written consent or knowledge of the student or parent – information from a student's education records in order to comply with a "lawfully issued subpoena or court order in three contexts:
  - a. Grand Jury Subpoenas – The College may disclose education records to the entity or persons designated in a Federal grand jury subpoena. In addition, the court may order the College not to disclose to anyone the existence or context of the subpoena or the College's response.
  - b. Law Enforcement Subpoenas – The College may disclose education records to the entity or persons designated in any other subpoena issued for a law enforcement purpose. As with Federal grand jury subpoenas, the issuing court or agency may, for good cause shown, order the College not to disclose to anyone the existence or contents of the subpoena or the College's response. Notification requirements nor recordation requirements apply.
  - c. All Other Subpoenas – The College may disclose information pursuant to any other court order or lawfully issued subpoena only if the College makes a reasonable effort to notify the parent or eligible student of the order or subpoena in advance of compliance, so that the parent or student may seek protective action. The College will record all requests for information from a standard court order or subpoena.
6. The College may disclose – without the written consent or knowledge of the student or parent – information in education records to "appropriate parties in connection with an emergency, if knowledge of the information is necessary to protect the health and safety of the student or other individuals." Imminent danger to student or others must be present.
7. The Student may file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. Students may file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC, 20202-4605.

## **INTERNET AND PC SYSTEMS**

### **ACCEPTABLE USAGE POLICY**

It is the expressed interest of Academy College to extract maximum benefit from the use of the Internet. Since the Internet is not a self regulating communication channel, the college requires its students and faculty to adhere to the following Usage Policy.

Students will not use the college's bandwidth or equipment to:

- Send, receive, or display offensive messages or pictures
- Transmit obscene language in any electronic communication
- Purchase goods or services
- Harass, insult, or attack others
- Damage, alter, or invade foreign computer systems or networks
- Violate license agreements or copyright laws
- Engage in any self-promoting commercial activity
- Affiliate the school with any particular religious or political agenda
- Engage in any use that violates federal, state, or local law or regulations

With regard to on-campus use, students agree not to:

- Intentionally subvert or cancel school provided virus protection
- Delete, modify, or sabotage another student's electronic work
- Delete, modify, or sabotage any Academy College property (including software)

If students have any questions regarding the appropriateness of a particular website or other electronic document, they should check with their instructor.

Academy College reserves the right to monitor all electronic communications originating within its computer networks. Academy College will provide antivirus software and other methods of protecting student networks from damage and intrusion; however, Academy College is not responsible for any direct or indirect damages that may arise from the use of its networks.

Sanctions: Any violation of the regulations listed above may result in disciplinary action, up to and including dismissal and prosecution by appropriate law enforcement agencies. Any party who feels wrongly accused of violating these provisions will have the right to a hearing with the Director of Education.

### **PARKING**

Academy College offers free parking for students in front of the building.

## **REGISTRATION**

Academy College is registered with the Minnesota Office of Higher Education pursuant to Minnesota Statutes sections 136A.61 to 136A.71. Registration is not an endorsement of the institution. Credits earned at the institution may not transfer to all other institutions.

## **REPORTING A GRIEVANCE**

Students, faculty, and other interested parties having complaints regarding the overall policies of Academy College should bring their complaints to the attention of the Director of Education. These complaints could include but are not limited to the following:

- Education Activities
- Admissions
- Equipment
- Student Financial Aid
- Student Services
- Grade Appeals

If it believed that the complaints have not been satisfied, students, faculty and other interested parties may contact:

Research and Program Services  
Office of Higher Education  
1450 Energy Park, Suite 350  
St. Paul, MN, 55108  
651.642.0533

## **STUDENT COMPLAINT PROCEDURE**

Schools accredited by the Accrediting Commission of Career Schools and Colleges must have a procedure and operational plan for handling student complaints. If a student does not feel that the school has adequately addressed a complaint or concern, the student may consider contacting the Accrediting Commission. All complaints reviewed by the Commission must be in written form and should grant permission for the Commission to forward a copy of the complaint to the school for a response. This can be accomplished filling out the ACCSC complaint form. The complainant(s) will be kept informed as to the status of the complaint as well as the final resolution by the commission. Please direct all inquiries to:

Accrediting Commission of Career Schools and Colleges  
2102 Wilson Boulevard, Suite 302  
Arlington, VA 22201  
(703) 247-4212  
www.accsc.org

A copy of the ACCSC Complaint Form is available at the school and may be obtained by contacting Roger Sage, Director of Education, or online at: [www.accsc.org](http://www.accsc.org)

## **STUDENT CONSUMER INFORMATION**

According to regulations published by the Department of Education, certain information must be made available to all enrolled students and prospective students. Students may request a hard copy of this information from Student Services or Admissions or visit:

[www.academycollege.edu/registrar/student-consumer-info/](http://www.academycollege.edu/registrar/student-consumer-info/)

This information includes:

- The Campus Crime Report and Policies (Annual Security Report)
- Placement Rates (Program Gainful Employment Disclosures)
- Student Right-to-Know Completion/Graduation Rates
- Transfer Out Rates

## **STUDENT CONTACT INFORMATION**

The student is responsible for informing Academy College Student Services office of any changes in their name, address, email address, or phone number within thirty (30) days of any such change.

## **TRANSCRIPT REQUESTS**

A transcript is confidential and not to be released without the student's written consent in accordance with the Family Educational Rights and Privacy Act of 1974. To order an official transcript, fill out our transcript form which can be downloaded from our website: [www.academycollege.edu](http://www.academycollege.edu)

## **Hold of Diploma(s), Transcripts and Related Items**

Academy College will withhold transcripts, the diploma, eligibility for Commencement Ceremony participation and/or all other documents or materials until all indebtedness to Academy College has been paid in full. In the event that the delinquent account is placed with an outside agency for collection, all collection costs, attorney fees and court costs incurred will be passed on to the student.

## **DISCLOSURE**

Academy College reserves the right to change the curriculum, course schedules, tuition, and/or cancel a course without notice. The current catalog is the current agreement between Academy College and the student.

Flash is a registered trademark of Adobe Systems, Inc.

Java and Javascript are registered trademarks of Oracle.

A+, Network+, and Server+ are registered trademarks of CompTIA.

Linux is a trademark registered to Linus Torvalds.

Unix is a registered trademark of The Open Group.

Microsoft, Active Directory, MOUS Certification Exam, MS Exchange, MS Word, Excel, Access, Internet Explorer, Outlook, PowerPoint, VBscript, Visual Basic, Visual Basic .NET, DOS, Visual C++, .Net, Windows Server, MS Windows, Microsoft Jet Database Engine, and other related applications and operating systems are trademarks of Microsoft Corporation.

Quickbooks is a registered trademark of Intuit Inc.

Thirty-First Edition Copyright 2020-2022 by Academy College

All rights reserved. No part of this material may be reproduced by any means without permission in writing from Academy College.

# NOTES

---

---

# ACADEMY COLLEGE FACULTY

Addendum to Catalog #31; 2020–2022 | Spring 2022 Quarter | Effective April 4, 2022

## THE FACULTY OF ACADEMY COLLEGE...

consists of respected professionals from the public and private sectors. Their education and substantial experience as accountants, attorneys, pilots, network administrators, and business professionals, coincides with all of Academy College's academic offerings. Our students have the distinct advantage of acquiring not only a theoretical but a practical education, which is relevant in their chosen fields.

### AVIATION

John O'Neill, M.B.A., B.A., Metropolitan State University  
Elias Andrews, B.S., Aviation Management, Florida State Technical College; Jeppesen Academy; Aircraft Dispatcher  
Russell Freeman, B.S., Academy College; CFI; CFII  
Michael Heath, B.S., Embry Riddle Aeronautical University; A.A.S., Academy College; CFI; CFII  
Patrick Lawler, M.S., Embry Riddle; CFI; ATP  
Alicia Partridge, B.S., University of North Dakota; CFI; CFII; ATP  
Alan Horzewski, B.S., University of North Dakota  
John Clough, B.A., University of Maine; CFI; CFII  
Nick Lorence, B.S., Liberty University; CFI; ATP  
Chasen Carlyle, B.S., Mankato State University; CFI; CFII  
Mark Mihalovic, B.S. University of Wisconsin - LaCrosse; CFI; CFII  
David Schneider, A.A.S., Aviation, Embry Riddle University  
Cameron Burg, BS Aviation Utah Valley State University, CFI CFII ATP  
Don Brown, Hamline University, Instructor FAA Safety Inspector  
James Andresen, Ph.D., Political Science, Arizona State University  
Haylee Archer

### FLIGHT INSTRUCTORS

Carson Burke, CFI; CFII  
Joel Carlson, CFI; CFII  
Timothy Ferrel, CFI; CFII

Collin Huiras CFI; CFII; MEI

Vichian Lee CFI; CFII

Michael McCloskey, CFI

### INFORMATION TECHNOLOGY

Vincent Tran, M.S., B.S., Florida Atlantic University

### BUSINESS

Roger Sage, M.B.A., Cardinal Stritch University; B.S., Iowa State University

Matt Hustad, M.B.A., National American University; B.A., University of Minnesota

Chad Lynch, B.S., Grand View University

### GENERAL EDUCATION

Laura Burroughs, M.A., Johns Hopkins University; B.F.A., East Carolina University

Jarod Olson, M.S., B.S., University of North Dakota

Kelly Oman, Ph.D, University of Saint Louis; M.A., University of Minnesota

Kurt Grunzke, B.S. Columbia University; M.S. Minnesota State

Anthony Comer, B.A. Ministry Communications Antioch; M.A. Communication Studies Minnesota State University



# ACADEMY COLLEGE STAFF

---

Addendum to Catalog #31; 2020–2022 | Spring 2022 Quarter | Effective April 4, 2022

## ADMINISTRATION

Alicia Olson-Strilzuk ..... Campus Director  
Mary Kippley ..... Student Services  
Josh Tschida.....Financial Aid Representative

## EDUCATION

Jarod Olson ..... Program Development  
Mark Mihalovic ..... Aviation Program Coordinator  
Elias Andrews ..... Dispatch Program Coordinator  
Roger Sage ..... Accounting & Business Program Coordinator  
Vincent Tran..... Information Technology Program Coordinator  
Kristen Erickson ..... Librarian

## CONTACT INFORMATION

Main Office Phone..... 952-851-0066  
Main Office Fax..... 952-851-0094  
Admissions Department Email ..... Admissions@academycollege.edu  
Attendance ..... attendance@academycollege.edu  
Financial Aid Department Email..... FinAid@academycollege.edu  
Student Services Department Email..... StudentServices@academycollege.edu  
Career Services ..... Careerservices@academycollege.edu





# ACADEMY COLLEGE TUITION & FEES

Addendum to Catalog #31; 2020–2022 | Spring 2022 Quarter | Effective April 4, 2022

## TUITION

Tuition for a quarter is based on the number of credit hours a student takes per quarter as documented below:

<u>CREDIT HOURS PER QUARTER</u>	<u>CREDIT HOUR RATE</u>
1-11	\$ 455.00
12 and up	\$ 365.00

Tuition is billed quarterly and payable in advance of the start of each quarter. If payment of tuition and fees has not been made, or other payment arrangements agreed upon, Academy College may remove the student from the course or courses that are not paid.

*Academy College reserves the right to revise tuition. The catalog is the complete statement of all terms and conditions of a student's contract with Academy College.*

### AVIATION FLIGHT LAB FEES ARE INCLUDED IN ACADEMIC COURSE TUITION

These fees are determined on an hourly basis for aircraft and flight instruction. Supplies and pilot kit fees are charged in addition to academic course tuition, fees, and textbooks. The current Aviation Flight Lab fees are listed on pages A-5 and A-6. Students enrolling in an Aviation Flight Lab must have the amount of the Aviation Flight Lab Fees on account at Thunderbird Aviation (Flying Cloud and Crystal locations) and/or Academy College, or combination of both before they will be allowed to register for that Aviation Flight Lab. If the student uses all of these funds before they complete the Aviation Flight Lab in that quarter, they will need to deposit an added amount equivalent to the estimated flight costs to complete the Aviation Flight Lab.

### FAA MEDICAL EXAM

FAA medical exams are an additional expense.

## AIRCRAFT DISPATCHER TUITION

Half of tuition is due 4 weeks before the quarter start date, and the remaining balance of tuition is due one week before the start of class along with exam fees and books/supplies.

Resident Tuition and Books:	\$5,990.00
CPE Tuition and Books:	\$2990.00
Exam Fee FAA Written:**	\$225.00
Exam Fee FAA Practical:**	\$600.00

\*\* All FAA exam fees are subject to change

## FEES

### APPLICATION FEE

A \$40.00 non-refundable application fee must accompany the completed Application form for Admission.

The application fee is waived for the following applicants:

- Military professionals
- Graduated and withdrawn students who are re-entering within one year from the last date of attendance
- Cancelled students who re-enter within one year of original payment date.

### COURSE CHANGE FEE

A course change fee of \$50.00 will be charged to all courses deleted, dropped, and/or added after the first week of the quarter. The fee will not be charged for schedule changes requested by the college.

### DIPLOMA FEE REPLACEMENT

There is a \$10.00 fee that must be paid at the time of request. All student balances must be paid in full. There is a \$10.00 fee for each additional diploma that must be paid at time of request.

### LATE PAYMENT FEE

A \$25.00 late fee may be charged when tuition is paid after the first week of classes and on the first day of every month (30 days) thereafter until paid in full.

### LOGBOOK AUDIT FEE

There is a \$100.00 fee charged to pilots planning to transfer in flight hours to meet either FAR61 or FAR141 requirements.

### VOLO FLIGHT APP FEE

Aviation students are assessed a fee of \$50.00 per each flight class for use of the Volo Flight App for flight training at Thunderbird Aviation.

*Fees (cont'd on next page)*



# ACADEMY COLLEGE TUITION & FEES

---

Addendum to Catalog #31; 2020–2022 | Spring 2022 Quarter | Effective April 4, 2022

## **FEES** (*CONT'D*)

### REPEAT TRAINING

Tuition will be charged for courses repeated, for any reason, to complete the selected program. Tuition will be the current credit hour rate.

### STUDENT ACTIVITY FEE

Students will be charged a \$280.00 one time student activity fee for field trips in their courses, graduation diploma, cap and gown, ceremony, and reception.

### TECHNOLOGY FEE

A \$40.00 technology fee will be charged to the student's account on a quarterly basis. This fee will be used to improve technology throughout Academy College ensuring continuous improvements in instructional delivery and student support services.

### TERMINATION FEE

A \$100 termination fee will be charged to the student's account if a student withdraws or is dismissed from a program.

### TRANSCRIPT REQUEST

There is a \$20 fee that must be paid at the time of request. All student balances must be paid in full.

### TUTORING FEE

There is a \$50.00 per hour fee for tutoring outside of posted lab hours.

# ACADEMY COLLEGE FLIGHT LAB FEES\*

Addendum to Catalog #31; 2020–2022 | Spring 2022 Quarter | Effective April 4, 2022

## HOURLY RENTAL RATES

PA28 (Warrior) .....	\$150.00	PA44 (Seminole) .....	\$295.00
C172 .....	\$180.00	PA28 (Arrow) .....	\$195.00
PA28 (Archer) .....	\$170.00		

## PRIVATE PILOT FLIGHT TRAINING 1

	HOURS	HOURLY RATE	TOTAL
<b>DUAL FLIGHT</b>			
Instruction	9	\$85.00	\$765.00
Aircraft (C172)	9	\$180.00	\$1,620.00
<b>SOLO FLIGHT</b>			
Instruction	N/A	N/A	\$0.00
Aircraft (C172)	.5	\$180.00	\$90.00
<b>BRIEFING</b>			
Instruction	N/A	N/A	\$0.00
<b>CHECK RIDE</b>			
Aircraft Rental (C172)	N/A	N/A	\$0.00
Examiner Fee	N/A	N/A	\$0.00
	<b>TOTAL</b>		<b>\$2,475.00</b>

### Substitution of Aircraft:

When appropriate, the Piper Archer and Piper Warrior may be substituted for the C172 for both the Dual Flight and Solo Flight portions of the course.

## INSTRUMENT FLIGHT TRAINING 1

	HOURS	HOURLY RATE	TOTAL
<b>DUAL FLIGHT</b>			
Instruction	26.5	\$95.00	\$2,517.50
Aircraft (C172)	26.5	\$180.00	\$4,770.00
<b>SOLO FLIGHT</b>			
Instruction	N/A	N/A	\$0.00
Aircraft (C172)	N/A	N/A	\$0.00
<b>BRIEFING</b>			
Instruction	14	\$95.00	\$1,330.00
<b>CHECK RIDE</b>			
Aircraft Rental (C172)	N/A	N/A	\$0.00
Examiner Fee	N/A	N/A	\$0.00
	<b>TOTAL</b>		<b>\$8,617.50</b>

### Substitution of Aircraft:

When appropriate, the Piper Archer and Piper Warrior may be substituted for the C172 for both the Dual Flight and Solo Flight portions of the course.

## HOURLY INSTRUCTION RATES

Flight & Ground Instruction–Primary .....	\$85.00
Flight & Ground Instruction–Advanced .....	\$95.00
Flight & Ground Instruction–Multi-Engine .....	\$105.00

## PRIVATE PILOT FLIGHT TRAINING 2

	HOURS	HOURLY RATE	TOTAL
<b>DUAL FLIGHT</b>			
Instruction	15	\$85.00	\$1,275.00
Aircraft (C172)	15	\$180.00	\$2,700.00
<b>SOLO FLIGHT</b>			
Instruction	N/A	N/A	\$0.00
Aircraft (C172)	10.5	\$180.00	\$1,890.00
<b>BRIEFING</b>			
Instruction	N/A	N/A	\$0.00
<b>CHECK RIDE</b>			
Aircraft Rental (C172)	2	\$180.00	\$360.00
Examiner Fee	N/A	\$720.00	\$720.00
	<b>TOTAL</b>		<b>\$6,945.00</b>

### Substitution of Aircraft:

When appropriate, the Piper Archer and Piper Warrior may be substituted for the C172 for both the Dual Flight and Solo Flight portions of the course.

## INSTRUMENT FLIGHT TRAINING 2

	HOURS	HOURLY RATE	TOTAL
<b>DUAL FLIGHT</b>			
Instruction	18.5	\$95.00	\$1,757.50
Aircraft (C172)	18.5	\$180.00	\$3,330.00
<b>SOLO FLIGHT</b>			
Instruction	N/A	N/A	\$0.00
Aircraft (C172)	N/A	N/A	\$0.00
<b>BRIEFING</b>			
Instruction	8	\$95.00	\$760.00
<b>CHECK RIDE</b>			
Aircraft Rental (C172)	1.5	\$180.00	\$270.00
Examiner Fee	N/A	\$720.00	\$720.00
	<b>TOTAL</b>		<b>\$6,837.50</b>

### Substitution of Aircraft:

When appropriate, the Piper Archer and Piper Warrior may be substituted for the C172 for both the Dual Flight and Solo Flight portions of the course.

\*Students may require additional hours to pass flight labs



# ACADEMY COLLEGE FLIGHT LAB FEES\*

Addendum to Catalog #31; 2020–2022 | Spring 2022 Quarter | Effective April 4, 2022

## HOURLY RENTAL RATES

PA28 (Warrior) .....	\$150.00	PA44 (Seminole) .....	\$295.00
C172 .....	\$180.00	PA28 (Arrow) .....	\$195.00
PA28 (Archer) .....	\$170.00		

## COMMERCIAL FLIGHT TRAINING 1

	HOURS	HOURLY RATE	TOTAL
<b>DUAL FLIGHT</b>			
Instruction	13	\$95.00	\$1,235.00
Aircraft (Arrow)	13	\$195.00	\$2,535.00
<b>SOLO FLIGHT</b>			
Instruction	N/A	N/A	\$0.00
Aircraft (Arrow)	40	\$195.00	\$7,800.00
<b>BRIEFING</b>			
Instruction	5	\$95.00	\$475.00
<b>CHECK RIDE</b>			
Aircraft (Arrow)	N/A	N/A	\$0.00
Examiner Fee	N/A	N/A	\$0.00
	<b>TOTAL</b>		\$12,045.00

### Substitution of Aircraft:

When appropriate, the Piper Archer and Piper Warrior may be substituted for the C172 for both the Dual Flight and Solo Flight portions of the course.

## COMMERCIAL FLIGHT TRAINING 3

	HOURS	HOURLY RATE	TOTAL
<b>DUAL FLIGHT</b>			
Instruction	22	\$95.00	\$2,090.00
Aircraft (Arrow)	22	\$195.00	\$4,290.00
<b>SOLO FLIGHT</b>			
Instruction	N/A	N/A	\$0.00
Aircraft (Arrow)	16	\$195.00	\$3,120.00
<b>BRIEFING</b>			
Instruction	9	\$95.00	\$855.00
<b>CHECK RIDE</b>			
Aircraft Rental (Arrow)	1.5	\$195.00	\$292.50
Examiner Fee	N/A	\$720.00	\$720.00
	<b>TOTAL</b>		\$11,367.50

### Substitution of Aircraft:

When appropriate, the Piper Archer and Piper Warrior may be substituted for the C172 for both the Dual Flight and Solo Flight portions of the course.

## HOURLY INSTRUCTION RATES

Flight & Ground Instruction–Primary .....	\$85.00
Flight & Ground Instruction–Advanced .....	\$95.00
Flight & Ground Instruction–Multi-Engine .....	\$105.00

## COMMERCIAL FLIGHT TRAINING 2

	HOURS	HOURLY RATE	TOTAL
<b>DUAL FLIGHT</b>			
Instruction	20	\$95.00	\$1,900.00
Aircraft (Arrow)	20	\$195.00	\$3,900.00
<b>SOLO FLIGHT</b>			
Instruction	N/A	N/A	\$0.00
Aircraft (Arrow)	9	\$195.00	\$1,755.00
<b>BRIEFING</b>			
Instruction	8	\$95.00	\$760.00
<b>CHECK RIDE</b>			
Aircraft (Arrow)	N/A	N/A	\$0.00
Examiner Fee	N/A	N/A	\$0.00
	<b>TOTAL</b>		\$8,315.00

### Substitution of Aircraft:

When appropriate, the Piper Archer and Piper Warrior may be substituted for the C172 for both the Dual Flight and Solo Flight portions of the course.

## MULTI-ENGINE GROUND/FLIGHT TRAINING

	HOURS	HOURLY RATE	TOTAL
<b>DUAL FLIGHT</b>			
Instruction	15	\$105.00	\$1,575.00
Aircraft (Seminole)	15	\$295.00	\$4,425.00
<b>SOLO FLIGHT</b>			
Instruction	N/A	N/A	\$0.00
Aircraft (Seminole)	N/A	N/A	\$0.00
<b>BRIEFING</b>			
Instruction	15	\$105.00	\$1,575.00
<b>CHECK RIDE</b>			
Aircraft Rental (Seminole)	1.5	\$295.00	\$442.50
Examiner Fee	N/A	\$720.00	\$720.00
	<b>TOTAL</b>		\$8,857.50

### Substitution of Aircraft:

There is no substitution of aircraft for this course.

\*Students may require additional hours to pass flight labs



# ACADEMY COLLEGE FLIGHT LAB FEES\*

Addendum to Catalog #31; 2020–2022 | Spring 2022 Quarter | Effective April 4, 2022

## HOURLY RENTAL RATES

PA28 (Warrior) .....	\$150.00	PA44 (Seminole) .....	\$295.00
C172 .....	\$180.00	PA28 (Arrow) .....	\$195.00
PA28 (Archer) .....	\$170.00		

## SINGLE ENGINE INSTRUCTOR GROUND/ FLIGHT TRAINING

	HOURS	HOURLY RATE	TOTAL
<b>DUAL FLIGHT</b>			
Instruction	25	\$95.00	\$2,375.00
Aircraft (Arrow)	25	\$195.00	\$4,875.00
<b>SOLO FLIGHT</b>			
Instruction	N/A	N/A	\$0.00
Aircraft (Arrow)	N/A	N/A	\$0.00
<b>BRIEFING</b>			
Instruction	40	\$95.00	\$3,800.00
<b>CHECK RIDE</b>			
Aircraft (Arrow)	1.5	\$195.00	\$292.50
Examiner Fee	N/A	\$1,020.00	\$1,020.00
		<b>TOTAL</b>	\$12,362.50

### Substitution of Aircraft:

When appropriate, the Piper Archer, Piper Warrior, and C172 may be substituted for the Piper Arrow for the Dual Flight portion of the course.

## MULTI-ENGINE INSTRUCTOR GROUND/ FLIGHT TRAINING

MEI PART 141	HOURS	HOURLY RATE	TOTAL
<b>DUAL FLIGHT</b>			
Instruction	25	\$105.00	\$2,625.00
Aircraft (Seminole)	25	\$295.00	\$7,375.00
<b>SOLO FLIGHT</b>			
Instruction	N/A	N/A	\$0.00
Aircraft (Seminole)	N/A	N/A	\$0.00
<b>BRIEFING</b>			
Instruction	20	\$105.00	\$2,100.00
<b>CHECK RIDE</b>			
Aircraft Rental (Seminole)	1.5	\$295.00	\$442.50
Examiner Fee	N/A	\$720.00	\$720.00
		<b>TOTAL</b>	\$13,562.50

### Substitution of Aircraft:

There is no substitution of aircraft for this course.

## HOURLY INSTRUCTION RATES

Flight & Ground Instruction–Primary .....	\$85.00
Flight & Ground Instruction–Advanced .....	\$95.00
Flight & Ground Instruction–Multi-Engine .....	\$105.00

## INSTRUMENT INSTRUCTOR GROUND/ FLIGHT TRAINING

	HOURS	HOURLY RATE	TOTAL
<b>DUAL FLIGHT</b>			
Instruction	15	\$95.00	\$1,425.00
Aircraft (Cessna)	15	\$180.00	\$2,700.00
<b>SOLO FLIGHT</b>			
Instruction	N/A	N/A	\$0.00
Aircraft (Cessna)	N/A	N/A	\$0.00
<b>BRIEFING</b>			
Instruction	15	\$95.00	\$1,425.00
<b>CHECK RIDE</b>			
Aircraft (Cessna)	1.5	\$180.00	\$270.00
Examiner Fee	N/A	\$720.00	\$720.00
		<b>TOTAL</b>	\$6,840.00

### Substitution of Aircraft:

When appropriate, the Piper Archer and Piper Warrior may be substituted for the Piper Arrow for the Dual Flight portion of the course.

\*Students may require additional hours to pass flight labs

