

Vaughn College

of aeronautics and technology



Undergraduate Catalog Addendum 2017–2018

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Vaughn College
of Aeronautics and Technology

Undergraduate Catalog Addendum 2017–2018

The addendum to the catalog of Vaughn College of Aeronautics and Technology is prepared by the office of public affairs in consultation with other departments.

While every effort is made to provide accurate and current information, the College, at its sole discretion, reserves the right to change without notice, statements concerning policies, rules, requirements, procedures, courses, curricula, schedules, activities, tuition, fees and calendars of the College that are set forth in this catalog. Such changes can be of any nature, including, but not limited to, the modification, cancellation or elimination of programs, classes or activities.

Payment of tuition, registration or attendance at any class shall constitute a student's acceptance of the College's rights as set forth above. If you have questions or would like current information, please contact the office of admissions at 718.429.6600, ext. 118.

Vaughn College is committed to a policy of equal treatment and opportunity in every aspect of its relations with its students, faculty, staff, applicants and members of the larger community, including consideration for admission to the College and access to the College's programs, privileges, activities and services without regard to age, citizenship status, disability, marital status, national origin, race, religion, creed, veteran status, gender or sexual orientation.

Inquiries regarding the application of the equal opportunity and nondiscrimination policies and procedures at Vaughn College can be referred to the office of student affairs.

For information on Vaughn's master's degree program in airport management, see the graduate catalog on Vaughn's website.

As with all annual publications, information is subject to change.

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ACADEMIC CALENDAR 2017 – 2018*

* All dates are subject to change. Check the website: www.vaughn.edu.

FALL SEMESTER 2017

Registration	Mon., March 6, 2017 through Sat., September 2, 2017**
Labor Day Holiday	Mon., September 4
Classes Begin	Tues., September 5, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Tues., September 5
Tuition Payment Due	Tues., September 5
Program Adjustment Period (<i>add/drop/change</i>)	Tues., September 5 through Sat., September 16
Last Day to Register	Sat., September 16
Last Day to File for May 2018 Graduation	Fri., September 29
Columbus Day Holiday	Mon., October 9
Monday Schedule	Tues., October 10
Midterm Exam Period	Mon., October 16 through Sat., October 21
Last Day to Withdraw without Academic Penalty	Tues., November 7
Veterans Day	Sat., November 11
Thanksgiving Recess	Wed., November 22 through Sun., November 26
Classes Resume	Mon., November 27, 8 a.m.
Classes End	Fri., December 15
Exam Period	Mon., December 18 through Fri., December 22
Spring/Summer 2017 Grade Change Deadline	Fri., December 22
Winter Recess	Sat., December 23 through Mon., January 15, 2018

SPRING SEMESTER 2018

Registration	Mon., March 6, 2017 through Sat., January 13, 2018**
Dr. Martin Luther King Jr. Day Holiday	Mon., January 15
Classes Begin	Tues., January 16, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Tues., January 16
Tuition Payment Due	Tues., January 16
Program Adjustment Period (<i>add/drop/change</i>)	Tues., January 16 through Sat., January 27
Last Day to Register	Sat., January 27
Presidents Day Holiday	Mon., February 19
Monday Schedule	Tues., February 20
Midterm Exam Period	Mon., February 26 through Sat., March 3
Last Day to Withdraw without Academic Penalty	Tues., March 20
Spring Recess	Mon., March 19 through Sun., March 25
Classes Resume	Mon., March 26, 8 a.m.
Last Day to File for September 2018 Graduation	Fri., March 30
Classes End	Tues., May 1
Exam Period	Wed., May 2 through Tues., May 8
Fall 2017 Grade Change Deadline	Tues., May 8
Honors Convocation	Wed., May 9
Commencement	Sat., May 19

ACADEMIC SESSION I SUMMER 2018

Registration	Mon., March 6, 2017, through Fri., May 18, 2018**
Classes Begin	Mon., May 21, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Mon., May 21
Tuition Payment Due	Mon., May 21
Program Adjustment Period (<i>add/drop/change</i>)	Mon., May 21 through Wed., May 23
Last Day to Register	Wed., May 23
Memorial Day Holiday	Mon., May 28
Last Day to Withdraw without Academic Penalty	Mon., June 11
Classes End	Fri., June 29
Last Day to File for December 2018 Graduation	Fri., June 29
Summer Recess	Mon., July 2 through Sun., July 8

ACADEMIC SESSION II SUMMER 2018

Registration	Mon., March 6, 2017, through Fri., June 29, 2018**
Classes Begin	Mon., July 9, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Mon., July 9
Tuition Payment Due	Mon., July 9
Program Adjustment Period (<i>add/drop/change</i>)	Mon., July 9 through Wed., July 11
Last Day to Register	Wed., July 11
Last Day to Withdraw without Academic Penalty	Mon., July 30
Classes End	Fri., August 17

** (Early registration and/or online registration may be available by contacting academic advisement)

AVIATION TRAINING INSTITUTE CALENDAR 2017 – 2018*

* All dates are subject to change. Check the website: www.vaughn.edu.

FALL SEMESTER 2017

Registration	Mon., March 6, 2017, through Sat., September 2, 2017**
Labor Day Holiday	Mon., September 4
Classes Begin	Tues., September 5, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Tues., September 5
Tuition Payment Due	Tues., September 5
Program Adjustment Period (<i>add/drop/change</i>)	Tues., September 5 through Sat., September 9
Last Day to Register	Sat., September 9
Last Day to File for May 2018 Graduation	Fri., September 29
Columbus Day Holiday	Mon., October 9
Monday Schedule	Tues., October 10
Last Day to Withdraw without Academic Penalty	Tues., November 7
Thanksgiving Recess	Wed., November 22 through Sun., November 26
Classes Resume	Mon., November 27, 8 a.m.
Classes End	Sat., December 23
Spring/Summer 2016 Grade Change Deadline	Fri., December 22
Winter Recess	Sat., December 23, 2016, through Sun., January 7, 2018

SPRING SEMESTER 2018

Registration	Mon., March 6, 2017 through Sat., January 6, 2018**
Classes Begin	Mon., January 8, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Mon., January 8
Tuition Payment Due	Mon., January 8
Program Adjustment Period (<i>add/drop/change</i>)	Mon., January 8 through Sat., January 13
Last Day to Register	Sat., January 13
Dr. Martin Luther King Jr. Day Holiday	Mon., January 15
Presidents Day Holiday	Mon., February 19
Monday Schedule	Tues., February 20
Last Day to Withdraw without Academic Penalty	Mon., March 12
Spring Recess	Mon., March 19 through Sun., March 25
Classes Resume	Mon., March 26, 8 a.m.
Last Day to File for September 2018 Graduation	Fri., March 30
Classes End	Fri., April 20
Fall 2016 Grade Change Deadline	Tues., May 8
Honors Convocation	Wed., May 9
Commencement	Sat., May 19

SESSION I SUMMER 2018

Registration	Mon., March 6, 2017 through Sat., May 12, 2018**
Classes Begin	Mon., May 14, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Mon., May 14
Tuition Payment Due	Mon., May 14
Program Adjustment Period (<i>add/drop/change</i>)	Mon., May 14 through Tues., May 15
Last Day to Register	Tues., May 15
Memorial Day Holiday	Mon., May 28
Last Day to Withdraw without Academic Penalty	Wed., June 4
Classes End	Fri., June 29
Last Day to File for December 2018 Graduation	Fri., June 29
Summer Recess	Mon., July 2 through Sun., July 8

SESSION II SUMMER 2018

Registration	Mon., March 6, 2017, through Fri., June 29, 2018**
Classes Begin	Mon., July 9, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Mon., July 9
Tuition Payment Due	Mon., July 9
Program Adjustment Period (<i>add/drop/change</i>)	Mon., July 9 through Tues., July 10
Last Day to Register	Tues., July 10
Last Day to Withdraw without Academic Penalty	Mon., July 30
Classes End	Fri., August 24

** (Early registration and/or online registration may be available by contacting academic advisement)

ENROLLMENT SERVICES

ADMISSIONS PROCEDURES

ENTRANCE REQUIREMENTS

Minimum requirements include: a high school diploma, General Equivalency Diploma (GED) or equivalent, and proficiency in English as determined by high school transcripts, Scholastic Aptitude Test (SAT), American College Test (ACT) or an English Language Proficiency Exam.

Prospective students who completed secondary education outside of the U.S. may present national school leaving certificates (including: CXC, GCE, “O” and “A” levels, Bagrut, Abitur, IB, Attestat, French Baccalaureat, etc.) for consideration. A NACES approval evaluation may be required to determine a foreign credentials authenticity a equivalency in the U.S.

Academic and technical aptitudes are required in varying degrees for different programs. In general, bachelor of science (BS) and associate in applied science (AAS) courses depend upon academic abilities, and the associate in occupational studies (AOS) focuses more on technical aptitude. All BS applicants who have completed fewer than 24 post-secondary college or university credits must submit results of the SAT 1 reasoning exam or ACT exam. These results must be less than five years old.

Vaughn requires that all applicants take the Accuplacer Assessment Test, which is administered at the College, to determine course placement. (Students who received a score above 500 on the math and/or critical reading section of the SAT reasoning exam, or equivalent score on the ACT exam, are not required to sit for the placement test.) Transfer students with applicable college credit are also exempt from the Accuplacer, as are students in the Aviation Training Institute.

The Accuplacer Assessment Test is an approved Ability to Benefit (ATB) exam and is required for students who do not have a high school diploma or its equivalent from a United States high school and who are seeking financial aid awards under New York State’s Tuition Assistance Program (TAP). Students subject to the ATB exam requirement will be notified by their admissions counselor and referred to the Student Success Center for administration.

College Transcripts

College transcripts are required of all applicants who are seeking transfer credit for work completed at another regionally accredited college or university. Official transcripts noting any coursework from each institution you attended must be filed with the office of admissions. Transfer students who have completed their education in the US and have earned in excess of 24 semester hours of credit following completion of the high school diploma are not required to submit high school transcripts, but must submit proof of high school graduation (in the form of a final high school transcript, diploma or GED certificate).

International students, or students who attended college outside the US must submit their transcripts for evaluation to any National Association of Credential Evaluation Services (NACES) approved organization. The evaluations must then be forwarded to the office of admissions. Only NACES approved organization evaluations of college-level credit will be accepted when considering college transfer credit. The evaluation agency must indicate that the institution has accreditation equivalent to that of institutions recognized as accredited by the United States Department of Education. English-language translations are not sufficient.

INTERNATIONAL STUDENT APPLICANTS

International applicants should visit the international student section of Vaughn’s website, www.vaughn.edu, to read and download the latest information and forms. The International Application Supplement and Instructions should be the first document you review.

Applicants who have completed their secondary education in other countries are required to submit NACES evaluated copies of their records, in English. A fluent use of English, both written and spoken, is required and must be substantiated in one of the following ways:

1. An English Proficiency Certificate from an acceptable agency (e.g., the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS)).
2. The completion of the equivalent of four American secondary school units in formal English instruction.
3. Students transferring from other American institutions must submit credentials that describe the admissions action and their academic progress at that institution.

Vaughn College reserves the right to require a student educated in another country to complete additional instruction in English if his/her performance so indicates.

Citizens of other countries who plan to study under F-1 visa regulations may be accepted only for full-time study, must have sufficient financial resources to fund their education without working in the US and must comply with F-1 visa requirements. The American Consulate in the prospective student's home country should be contacted regarding financial assistance programs available through governmental agencies.

The application for admission (with the required \$40 US fee), as well as the international application

supplement, is to be filed at least 90 days before the

start of the academic semester for which you are enrolling. The office of admissions will not review any international application submitted without the appropriate application fee.

FINANCES FOR INTERNATIONAL STUDENTS

All financial arrangements must be completed before departing for the US. Students who transfer to Vaughn from other institutions must file evidence of financial support directly with the admissions office.

An international student accepted for admission is required to submit a nonrefundable tuition deposit of \$600 US to reserve a place among the entering class. Once the affidavit of support and other proof of financial ability have been received, the College will issue a completed certificate of eligibility (Form I-20) to the student. This certificate must be presented to an American Consulate in order to obtain the student classification F visa.

First-year international students must pay tuition and fees in full by the first day of classes. In subsequent years, they are permitted to participate in the College's deferred payment plan. Students who fail to regularly meet their financial commitment after joining a payment plan will be immediately removed from the program.

Students with F visas who transfer from other American institutions should notify Vaughn's admissions office of this change upon applying. The College then will assist these students in processing the required government notification.

STUDENTS WITH DISABILITIES

While Vaughn does not make any preadmission inquiries about disabilities, applicants who require accommodations due to a disability are encouraged to confer with the admissions office after they receive notification of acceptance.

The Title 504 and Americans with Disabilities Act compliance officer at the College is the executive director of the student success center.

COSTS AND FINANCIAL POLICIES

SUMMARY OF 2017–2018 FEE SCHEDULE

Activity	Fee
Academic-audit	\$795 per course
ATI-Audit	\$520 per course
Application	\$40 per application
Bypass exam	\$150 per credit
FCC License Review-AVT250	\$925
Flight Dispatch Certificate AD10 - Non degree	\$4000
Certificate (AA02–Airframe)	\$365 per certificate
Certificate (AA02–General)	\$365 per certificate
Certificate (PP02 Powerplant)	\$365 per certificate
FAA Compliance Fee	\$50 per exam
FAA Written Exam Fee - FLT/110, 120, 330	\$165 per exam -
FAA Exam Preparation - FLT/110, 120, 330	\$100 per exam
ATC Simulation Fee ATC200L/ATC240L	\$750 per lab
Graduation Fee	\$100 per degree
Housing Deposit	\$125 per semester
Immunization	\$10 per shot
New Student Fee	\$160
ID Fee	\$10 per card
Laboratory	\$65 per lab
Late Registration	\$75 per incident
Returned Check Fee	\$50 per incident
Matriculation maintenance	\$150 per semester (maximum two semesters)
Program Adjustment (add, drop, change of curriculum, etc.)	\$10 per transaction
Change of Curriculum	\$10 per transaction
Reentry	\$40 per application
Semester Fee (LaGuardia)	\$400 per semester
Simulator Fee	\$100 (per hour-simulator usage)
Management Simulation Fee MGT480	\$85
Management Comprehensive Exam Fee for APM485	\$50
Transcript	\$8 per transcript
Tuition Deposit	\$200 first semester
International Tuition Deposit	\$600 first semester
Overload-Academic-Over 18 credits	\$709 per credit
Distance Learning Undergraduate	\$715 per credit
Distance Learning Graduate	\$864 per credit
Engineering Fee	\$200 per semester
(for all AAS and BS Engineering/Engineering Technology students)	
FCC License Exam Fee-AVT250	*Will be determined by the FCC Testing Center
FAA Written Exam Fee-FLT/360, 470, 471	*Will be determined by the FCC Testing Center

Locker Rental

\$20 for two semesters (fall and spring)
\$15 for one semester (fall and spring)
\$10 for both summer sessions

Tuition

Full-time Academic Admitted After 08/05 \$11,875 (12-18 credits) flat rate per semester
Part-time Academic Admitted After 08/05 \$795 per credit

Full-time Aviation Training Institute (ATI) Students \$8,385 flat rate per semester
Part-time ATI Students \$520 per credit

HOUSING CHARGES**Residence Hall Room Rates**

Single in a Two-Person Suite \$6,180 per semester
Double in a Four-Person Suite \$5,400 per semester
Triple Room Suite \$4,735 per semester
Quadruple Room Suite \$4,570 per semester

Meal Plans

Plan 1 (continuing students only) \$880 per semester
Plan 2 \$1,200 per semester
Plan 3 \$1,650 per semester
Plan 4 (continuing students only) \$595 per semester

Residential Fees

Key Replacement \$10
Late Checkout \$50 per hour beyond checkout date
Lockout \$5 per incident
Lost or Broken Key \$125 per core change
Housing Incident-Fine Determined at discretion of residence director
Improper Checkout Assessed in direct correlation to extent of damages

STUDENT AFFAIRS

NON-DISCRIMINATION/HARASSMENT

Vaughn College is committed to maintaining an environment in its educational programs and activities that is free from discrimination, harassment, or retaliation. The College expects that all of its members will treat each other fairly and equitably, and without regard to differences. These standards encompass applicants, students, faculty, staff, visitors and vendors, and are to be observed by all members of the community with respect to all of the College's operations.

Consistent with this commitment, it is the policy of Vaughn College not to tolerate unlawful discrimination or harassment based on age, race, color, creed, ethnic origin, religion, national origin, citizenship status, sex, gender, gender expression, sexual orientation, marital or partnership status, pregnancy, disability, military or veteran status, predisposing genetic characteristics, domestic violence status, or for any other legally protected basis. Such behavior is unlawful and undermines the character and purpose of Vaughn College.

This policy is not intended to abridge academic freedom, the open expression of ideas, or the College's educational mission, and does not extend to statements or written materials that are relevant and appropriately related to the subject matter of courses.

Any individual or group that feels there may have been discrimination or harassment is strongly encouraged to ask for guidance or file a complaint. The College will take steps to achieve a prompt and equitable resolution of any complaints. The College has appointed the Interim Vice President of Student Affairs and the Associate Vice President of Human Resources as officials responsible for coordinating efforts with regard to nondiscrimination, including Title IX (gender discrimination and sexual misconduct), and Section 504 and the Americans with Disabilities Act (disability discrimination).

For more information about this policy, or to learn about the procedure for addressing violations of this policy, you may contact:

Mary Durkin, AVP of Human Resources at
718 429-6600 extension 105
or mary.durkin@vaughn.edu

The College's policies on harassment and discrimination are further defined in the Student Handbook, which is distributed to all students and is also available through the office of student affairs and the sexual and gender based misconduct policy both of which are available online.

LOCKER RENTAL

A limited number of lockers are available for rent from the office of student affairs. Students have the option to rent per semester or per academic year. Fees are \$15 per semester, \$20 for both the fall and spring semesters, \$15 for both summer sessions and \$35 for the entire year. For more information, contact the office of student services at 718.429.6600, ext. 221.

UPDATED CURRICULUM SHEETS

ELECTRICAL ENGINEERING – (BS) CURRICULUM

		Lecture Credits	Lab Credits
Seminars			
FYI101	Freshman Year Initiatives	3	0
CD101	Career Development Seminar	0	0
	Total Credits	3	0
Liberal Arts Courses			
ENG110	English I	3	0
ENG120	English II	3	0
ENG240	Technical Writing	3	0
ENG290	Public Speaking	3	0
ENG220	American Literature	3	0
HUM255	Technology and Culture	3	0
HIS141	Global Civilization	3	0
POL254	American Government	3	0
	Total Credits	24	0
Math and Sciences Courses			
CHE231	Chemistry	2	1
MAT330	Calculus III for Engineers	3	0
CSC316	C++ Java Programming	3	0
MAT125	Calculus I for Engineers	3	0
MAT225	Calculus II for Engineers	3	0
MAT325	Differential Equations for Engineers	3	0
MAT356	Probability and Statistics	3	0
PHY125	Engineering Physics	3	1
PHY225	Physics II for Engineers	3	1
PHY335	Modern Physics	3	0
MAT410	Linear Algebra	3	0
	Total Credits	32	3
Mechatronic Engineering Courses			
CDE117	Computer-aided Design I	1	1
CDE386	CATIA for Wiring and Harnessing	2	1
ELE118	Electric Circuits II	1	1
ELE320	Linear System Analysis	2	1
EGR380	Engineering Project Management	3	0
EGR460	Engineering Economics	3	0
ELE117	DC/AC Circuits	2	1
ELE220	Electronic Circuits	2	1
ELE230	Digital Systems Design	2	1
ELE326	Microprocessors	2	1
ELE350	Control Systems I	2	1
ELE323	Electromagnetism	3	0
ELE330	Principles of Communications Systems	2	1
ELE322	Signals and Systems	3	0
MEE115	Engineering Mechanics I (Statics)	3	0
ELE325	Electric Machines	2	1
ELE355	Microprocessor System Design and Interfacing	2	1
ELE375	Engineering Reliability	3	0
ELE401	Pre Capstone Project	1	0
ELE450	Data Acquisition and Applied Control System Designs	2	1
MCE101	Introduction to Robotics	0	1
ELE451	Power Electronics	1	1

ELECTRICAL ENGINEERING – (BS) CURRICULUM

		Lecture Credits	Lab Credits
MEE235	Material Science and Failure Analysis	3	0
MEE340	Computational Methods in Engineering	3	0
ELE409	Senior Capstone Project	3	0
	Technical Elective	1	1
	Technical Elective	1	1
	Total Credits	55	17

Total Lecture and Lab Credits **134**

Technical Electives

Any of the following courses can be taken as a technical elective toward a bachelor of science degree in the mechatronic engineering program.

ELE452	Introduction to Power Systems	1	1
ELE435	Transmission and Distribution	1	1
MCE310	Mechatronics Fundamentals - PLC	1	1
MCE420	Robotics	1	1
ELE430	Advanced Communications Systems	1	1

ENGINEERING — (BS) MECHANICAL ENGINEERING CURRICULUM

		Lecture Credits	Lab Credits
Seminars			
FYI101	First Year Initiatives	3	0
CD101	Career Development Seminar	0	0
	Total Credits	3	0
Arts and Science Courses			
ENG110	English I	3	0
ENG120	English II	3	0
ENG240	Technical Writing	3	0
ENG290	Public Speaking	3	0
	Choose a course from competency I	3	0
	Choose a course from competency F	3	0
	Choose two courses from competency C, E, G, H, I	6	0
	Total Credits	24	0
Math and Sciences Courses			
CSC316	C++	3	0
CHE231	General Chemistry	2	1
MAT125	Calculus I for Engineers	3	0
MAT225	Calculus II for Engineers	3	0
MAT330	Calculus III	3	0
MAT325	Differential Equations for Engineers	3	0
MAT356	Probability and Statistics	3	0
MAT410	Linear Algebra	3	0
PHY125	Engineering Physics I	3	0
PHY125 Lab	Engineering Physics I	0	1
PHY225	Engineering Physics II	3	0
PHY225 Lab	Engineering Physics II	0	1
PHY335	Modern Physics	3	0
	Total Credits	32	3
Mechanical Engineering Courses			
CDE117	Computer-aided Design I	1	0
CDE117 Lab	Computer-aided Design I Lab	0	1
CDE385	Intro to CATIA	1	0
CDE385 Lab	Intro to CATIA Lab	0	1
CDE486	CATIA II	1	0
CDE486 Lab	CATIA II Lab	0	1
EGR230	Mechanical Testing and Evaluation Lab	0	1
EGR375	Thermo Fluid Lab	0	1
EGR380	Engineering Project Management	3	0
EGR460	Engineering Economics	3	0
ELE117	DC/AC Circuits	2	0
ELE117 Lab	DC/AC Circuits	0	1
ELE350	Control Systems	2	0
ELE350 Lab	Control Systems	0	1
MCE101	Introduction to Robotics	0	1
MEE115	Engineering Mechanics I (Statistics)	3	0
MEE210	Thermodynamics	3	0
MEE220	Mechanics of Materials	4	0
MEE215	Engineering Mechanics II	3	0
MEE235	Material Science and Failure Analysis	3	0

*Refer to page 62 for a list of competencies and associated courses.

ENGINEERING — (BS) MECHANICAL ENGINEERING CURRICULUM

		Lecture Credits	Lab Credits
MEE340	Computational Methods with MATLAB	3	0
MEE345	Fluid Mechanics	3	0
MEE350	Mechanical Vibrations	3	0
MEE355	Reliability Method in Structural Mechanics	3	0
MEE365	Elements of Machine Design and Vibration Analysis	3	0
MEE370	Finite Elements Analysis with MATLAB	3	0
MEE409	Senior Degree Project	3	0
MEE440	Heat Transfer	3	0
	Technical Electives	8	2
	Total Credits	61	10

Total Lecture and Lab Credits

133

Technical Electives

Students in this program, in addition to 3 credit hours of a capstone design project are required to take 10 credit hours of open electives to give students freedom to concentrate in one of the following areas:

- Solid Mechanics and Structural Analysis
- Thermal Science and Aerodynamics
- Computer Aided Design & Computer Aided Engineering
- Control System and Robotics

Select two – 2 credits elective design course from the following:

MCE420	Meachantronics II	1	1
EGR489	Patran-Nastran FEA Structural Analysis	1	1
MEE450	Aircraft Configuration Design	1	1

Select two – 3 credits elective design course from the following:

MEE260	Aerodynamics	3	0
MEE360	Propulsion Power for Aircraft and Rocket Engines	3	0
MEE445	Heating, Ventilation and Air Conditioning – HVAC	3	0
MEE455	Aircraft Structural Analysis	3	0
MEE390	Introduction to Composite Materials	3	0

AAS ELECTRONIC ENGINEERING TECHNOLOGY - AVIONICS

		Lecture Credits	Lab Credits
Seminars			
FYI101	First Year Initiatives	3	0
CD101	Career Development Seminar	0	0
	Total Credits	3	0
Liberal Arts and Sciences Courses			
ENG110	English I	3	0
ENG120	English II	3	0
ENG290	Public Speaking	3	0
HIS141	Global Civilization II	3	0
POL254	American Government	3	0
	Total Credits	15	0
Math and Sciences Courses			
MAT115	Pre-calculus	4	0
MAT120	Calculus I	4	0
PHY120	College Physics I	3	1
PHY220	College Physics II	3	1
	Total Credits	14	2
Electronic Engineering Technology Courses			
AVT235	Aircraft Navigation Systems	2	0
AVT235 Lab	Aircraft Navigation Systems Lab	0	1
AVT240	Aircraft Pulse Systems	2	0
AVT240 Lab	Aircraft Pulse Systems Lab	0	1
AVT245	Radar Systems	2	0
AVT245 Lab	Radar Systems Lab	0	1
AVT250	FCC License Review	0	0
CDE117	Engineering Graphics with Computer-aided Design/Solid Works	1	0
CDE117 Lab	Engineering Graphics Lab	0	1
EET115	Electrical Circuits I	2	0
EET115 Lab	Electrical Circuits I Lab	0	1
EET116	Electrical Circuits II	2	0
EET116 Lab	Electrical Circuits II Lab	0	1
EET125	Digital Electronics	2	0
EET125 Lab	Digital Electronics Lab	0	1
EET210	Electronic Laboratory Practices	1	0
EET210 Lab	Electronic Lab Practices Lab	0	1
EET220	Electronic Circuits	2	0
EET220 Lab	Electronic Circuits Lab	0	1
EET230	Principles of Communications Systems	2	0
EET230 Lab	Principles of Communications Systems Lab	0	1
	Technical Elective:	3	0
	EET325 PLC Programming <u>or</u>		
	EGR235 Material Science and Composites		
	Total Credits	21	10
Total Lecture and Lab Credits		65	

BS ELECTRONIC ENGINEERING TECHNOLOGY — AVIONICS CURRICULUM

	Lecture Credits	Lab Credits
Seminars		
FYI101 First Year Initiatives	3	0
CD101 Career Development Seminar	0	0
Total Credits	3	0
Liberal Arts Courses		
ECO255 Economics	3	0
ENG110 English I	3	0
ENG120 English II	3	0
ENG240 Technical Writing	3	0
ENG290 Public Speaking	3	0
Choose a course from competency I	3	0
Choose a course from competency F	3	0
Choose three courses from competency C, E, G, H, I	9	0
Total Credits	30	0
Math and Sciences Courses		
MAT115 Pre-calculus	4	0
MAT120 Calculus I	4	0
MAT220 Calculus II	3	0
MAT356 Probability and Statistics	3	0
MAT445 Differential Equations	3	0
PHY120 College Physics I	3	1
PHY220 College Physics II	3	1
Math/Science Elective	3	0
Total Credit	26	2
Electronic Engineering Technology Courses		
AVT235 Aircraft Navigation Systems	2	0
AVT235 Lab Aircraft Navigation Systems Lab	0	1
AVT240 Aircraft Pulse Systems	2	0
AVT240 Lab Aircraft Pulse Systems Lab	0	1
AVT245 Radar Systems	2	0
AVT245 Lab Radar Systems Lab	0	1
AVT250 FCC License Review	0	0
AVT346 Aircraft Power and Distribution Systems	2	0
AVT346 Lab Aircraft Power and Distribution Systems Lab	0	1
AVT347 Flight Control Systems	2	0
AVT347 Lab Flight Control Systems Lab	0	1
AVT349 Electronic Flight Instrument Systems	2	0
AVT349 Lab Electronic Flight Instrument Systems Lab	0	1
AVT351 Advanced Navigation Systems	2	0
AVT351 Lab Advanced Navigation Systems Lab	0	1
AVT352 Integrated Avionics Systems	3	0
AVT453 Traffic Alert/Collision Avoidance Systems	2	0
AVT453 Lab Traffic Alert/Collision Avoidance Systems Lab	0	1
AVT454 Avionics Installation/Maintenance	2	0
AVT454 Lab Avionics Installation/Maintenance Lab	0	1
13 AVT455 Avionics Reliability/Maintainability	3	0
AVT456 Avionics Integrated Logistics Support	3	0
AET409 Degree Project	3	0
CDE117 Computer-aided Design I	1	0
CDE117 Lab Computer-aided Design I Lab	0	1
EET115 Electrical Circuits I	2	0
EET115 Lab Electrical Circuits I Lab	0	1

*Refer to page 62 for a list of competencies and associated courses.

BS ELECTRONIC ENGINEERING TECHNOLOGY – AVIONICS CURRICULUM

		Lecture Credits	Lab Credits
Electronic Engineering Technology Courses			
EET116	Electrical Circuits II	2	0
EET116 Lab	Electrical Circuits II Lab	0	1
EET125	Digital Electronics	2	0
EET125 Lab	Digital Electronics Lab	0	1
EET210	Electronic Laboratory Practices	1	0
EET210 Lab	Electronic Laboratory Practices Lab	0	1
EET220	Electronic Circuits	2	0
EET220 Lab	Electronic Circuits Lab	0	1
EET230	Principles of Communications Systems	2	0
EET230 Lab	Principles of Communications Systems Lab	0	1
EET326	Microprocessors	2	0
EET326 Lab	Microprocessors Lab	0	1
EGR380	Engineering Project Management	3	0
	Technical Elective	2	1
	Total Credits	49	18

Total Lecture and Lab Credits

128

Technical Electives

The following courses can be taken as a technical elective toward a bachelor of science degree in the EET-Avionics concentration program.

CDE386	Wiring and Harnessing	2	1
EET325	PLC Programming	2	1
AET401	Internship Course	3	0

BS ELECTRONIC ENGINEERING TECHNOLOGY — ELECTRONICS CURRICULUM

		Lecture Credits	Lab Credits
Seminars			
FYI101	First Year Initiatives	3	0
CD101	Career Development Seminar	0	0
	Total Credits	3	0
Liberal Arts Courses			
ENG110	English I	3	0
ENG120	English II	3	0
ENG240	Technical Writing	3	0
ENG290	Public Speaking	3	0
	Choose a course from competency F	3	0
	Choose a course from competency I	3	0
	Choose four courses from competency C, F, G, H, I	12	0
	Total Credits	30	0
Math and Sciences Courses			
MAT115	Pre-calculus	4	0
MAT120	Calculus I	4	0
MAT220	Calculus II	3	0
	Math Elective	3	0
MAT445	Differential Equations	3	0
PHY120	College Physics I	3	1
PHY220	College Physics II	3	1
PHY335	College Physics III	3	0
	Choose a course from competency B	3	0
	Total Credits	29	2
Electronic Engineering Technology Courses			
CDE117	Computer-aided Design I	1	0
CDE117 Lab	Computer-aided Design I Lab	0	1
CDE385	CATIA Fundamentals	1	0
CDE385 Lab	CATIA Fundamentals Lab	0	1
CDE386	CATIA for Wiring and Harnessing	2	0
CDE386 Lab	CATIA for Wiring and Harnessing	0	1
EET409	Degree Project	3	0
EET115	Electrical Circuits I	2	0
EET115 Lab	Electrical Circuits I Lab	0	1
EET116	Electrical Circuits II	2	0
EET116 Lab	Electrical Circuits II Lab	0	1
EET125	Digital Electronics	2	0
EET125 Lab	Digital Electronics Lab	0	1
EET210	Electronic Laboratory Practices	1	0
EET210 Lab	Electronic Laboratory Practices Lab	0	1
EET220	Electronic Circuits	2	0
EET220 Lab	Electronic Circuits Lab	0	1
EET230	Principles of Communications Systems	2	0
EET230 Lab	Principles of Communications Systems Lab	0	1
AVT240	Pulse Circuits	2	0
AVT240 Lab	Pulse Circuits Lab	0	1
EET326	Microprocessors	2	0
EET326 Lab	Microprocessors Lab	0	1

BS ELECTRONIC ENGINEERING TECHNOLOGY – ELECTRONICS CURRICULUM

		Lecture Credits	Lab Credits
Electronic Engineering Technology Courses			
EET345	Computer Control of Instruments (Lab View Programming)	2	0
EET345 Lab	Computer Control of Instruments (Lab View Programming) Lab	0	1
EET350	Control Systems	2	0
EET350 Lab	Control Systems Lab	0	1
EET355	Advanced Microprocessors and Peripherals	2	0
EET355 Lab	Advanced Microprocessors and Peripherals Lab	0	1
EET475	Reliability and Maintainability	3	0
EGR235	Material Science and Composites	3	0
EGR380	Engineering Project Management	3	0
EGR460	Engineering Economics	3	0
EET445	Principles of Communications Networks	3	0
	Technical Elective	2	1
	Total Credits	45	15

Technical Electives

The following courses can be taken as a technical elective toward the BS degree in the EET-Electronic concentration program:

AVT245	Radar Systems	2	1
EET401	Internship Course	3	0
EET325	PLC Programming	2	1

Total Lecture and Lab Credits

124

AAS Airport Management Curriculum

		Lecture Credits	Lab Credits
Seminars			
FYI101	First Year Initiatives	3	0
CD101	Career Development Seminar	0	0
	Total Credits	3	0
Liberal Arts Courses			
ENG110	English I	3	0
ENG120	English II	3	0
ENG240	Technical Writing	3	0
ENG290	Public Speaking	3	0
HIS141	Global Civilization	3	0
POL254	American Government	3	0
	Total Credits	18	0
Math and Sciences Courses			
MAT115	Pre-calculus	4	0
MAT210	Introduction to Statistics	3	0
PHY120	Physics I	3	1
	Total Credits	10	1
Management and Aviation Courses			
AER101/FLT110/ AER300	Introduction to Aeronautics/General Aeronautics/Current Topics	3/4/3	0
APM241	Airport Administration	3	0
APM485	Airport Development and Management	3	0
ATC200	Basic Air Traffic Control I	2	2
ATC220/FLT230	ATC Weather/Aviation Weather	3	0
ECO255	Principles of Economics	3	0
FLT241	Aviation Safety	3	0
MGT110	Introduction to Management	3	0
MGT120	Principles of Accounting	3	0
MGT230	Financial Management	3	0
MGT470	Industry and Labor Relations	3	0
	Management, Aviation, Engineering/Technology Upper Level Elective	3	0
	Total Credits	35/36	2/
Total Lecture and Lab Credits		69/70	

BS Airport Management Curriculum

		Lecture Credits	Lab Credits
Seminars			
FY1101	First Year Initiatives	3	0
CD101	Career Development Seminar	0	0
	Total Credits	3	0
Liberal Arts Courses			
ENG110	English I	3	0
ENG120	English II	3	0
ENG240	Technical Writing	3	0
ENG290	Public Speaking	3	0
FRE160/SPA160	Foreign Language Requirement I	3	0
FRE261/SPA261	Foreign Language Requirement II	3	0
	Choose a course from competency B	3	0
	Choose a course from competency I	3	0
	Choose three courses from competency C, F, G, H, I	9	0
	Total Credits	36	0
Math and Sciences Courses			
MAT115	Pre-calculus	4	0
MAT120	Calculus I	4	0
MAT210	Introduction to Statistics	3	0
PHY120	Physics I	3	1
PHY220	Physics II	3	1
	Choose a course from competencies A, B, D, E	3	0
	Total Credits	20	2
Additional Course			
CDE117	Engineering Graphics With Computer-aided Design	1	1
	Total Credits	1	1
Management and Aviation Courses			
AER101/FLT110/ AER300	Introduction to Aeronautics/General Aeronautics/Current Topics	3/4/3	0
ALM362	Airline Management	3	0
APM241	Airport Administration	3	0
APM485	Airport Development and Management	3	0
ATC200	Basic Air Traffic Control I	2	2
ATM320	Aviation Law	3	0
ECO255	Principles of Economics	3	0
FLT241	Aviation Safety	3	0
FLT384	Aviation Environmental Issues	3	0
MGT110	Introduction to Management	3	0
MGT120	Principles of Accounting	3	0
MGT210	Organizational Behavior	3	0
MGT230	Financial Management	3	0
MGT360	Business Communications	3	0
MGT372	Marketing Management and Public Relations	3	0
MGT403	Internship - Degree Project	3	0
MGT470	Industry and Labor Relations	3	0
MGT480	Capstone: Strategic Management	3	0
	Aviation, Engineering/Technology or Management Upper Level Elective	6	0
	Total Credits	62/63	2
Total Lecture and Lab Credits		127/128	

BS Airline Management Curriculum

		Lecture Credits	Lab Credits
Seminars			
FYI101	First Year Initiatives	3	0
CD101	Career Development Seminar	0	0
	Total Credits	3	0
Liberal Arts Courses			
ENG110	English I	3	0
ENG120	English II	3	0
ENG240	Technical Writing	3	0
ENG290	Public Speaking	3	0
FRE160/SPA160	Foreign Language Requirement I	3	0
FRE261/SPA261	Foreign Language Requirement II	3	0
	Choose a course from competency F	3	0
	Choose a course from competency I	3	0
	Choose three courses from competency C, F, G, H, I	9	0
	Total Credits	33	0
Math and Sciences Courses			
MAT115	Pre-calculus	4	0
MAT120	Calculus I	4	0
MAT210	Introduction to Statistics	3	0
PHY120	Physics I	3	1
PHY220	Physics II	3	1
	Choose a course from competencies B	3	0
	Total Credits	20	2
Management and Aviation Courses			
AER101/FLT110/ AER300	Introduction to Aeronautics/General Aeronautics/Current Topics	3/4/3	0
APM241	Airport Administration	3	0
ALM362	Airline Management	3	0
ATC200	Basic Air Traffic Control I	2	2
ATM320	Aviation Law	3	0
ATM450	Air Transport and Cargo Management	3	0
ECO255	Principles of Microeconomics	3	0
FLT241	Aviation Safety	3	0
FLT384	Aviation Environmental Issues	3	0
MGT110	Introduction to Management	3	0
MGT120	Principles of Accounting	3	0
MGT210	Organizational Behavior	3	0
MGT230	Financial Management	3	0
MGT240	Managerial Economics	3	0
MGT360	Business Communications	3	0
MGT372	Marketing Management and Public Relations	3	0
MGT403	Internship - Degree Project	3	0
MGT470	Industry and Labor Relations	3	0
MGT480	Capstone: Strategic Management	3	0
	Management, Aviation or Engineering/Technology Upper Level Elective	12	0
	Total Credits	68/69	2
	Total Lecture and Lab Credits	127/128	

BS General Management Curriculum

		Lecture Credits	Lab Credits
Seminars			
FYI101	First Year Initiatives	3	0
CD101	Career Development Seminar	0	0
	Total Credits	3	0
Liberal Arts Courses			
ENG110	English I	3	0
ENG120	English II	3	0
ENG240	Technical Writing	3	0
ENG290	Public Speaking	3	0
FRE160/SPA160	Foreign Language Requirement I	3	0
FRE261/SPA261	Foreign Language Requirement II	3	0
	Choose a course from competency F	3	0
	Choose a course from competency I	3	0
	Choose three courses from competency C, F, G, H, I	9	0
	Total Credits	33	0
Math and Sciences Courses			
MAT115	Pre-calculus	4	0
MAT120	Calculus I	4	0
MAT210	Introduction to Statistics	3	0
PHY120	Physics I	3	1
PHY220	Physics II	3	1
	Choose a course from competencies B	3	0
	Total Credits	20	2
General Management Courses			
ECO255	Principles of Economics	3	0
MGT110	Introduction to Management	3	0
MGT120	Principles of Accounting	3	0
MGT210	Organizational Behavior	3	0
MGT220	Corporate Accounting	3	0
MGT230	Financial Management	3	0
MGT360	Business Communications	3	0
MGT372	Marketing Management and Public Relations	3	0
MGT403	Internship - Degree Project	3	0
MGT470	Industry and Labor Relations	3	0
MGT480	Capstone: Strategic Management	3	0
	Aviation, Management or Technology Upper Level Electives	12	0
	Total Credits	36	0
	Open Electives	30	
	Total Lecture and Lab Credits		124

UPDATED INDUSTRY ADVISORY COUNCILS

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JetBlue

COREY GOOSBY
Sikorsky Aircraft

MAX GROSS
Sci Max Technologies/The Composite
Prototyping Center

MUHAMMAD IJAZ
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Labtech

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Corning Incorporated

JOSEPH KAMEL '11
Bosch

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SHIVA LALL
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Addapt

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MG Engineering

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Lockheed Martin/Sikorsky Aircraft

SHAWN OOSMAN
NYC Department of Education

JOHN PAVON '02
Pavon Manufacturing Group

MATTHEW PEARCE
NASA

DIOGENES RAMOS
Federal Aviation Administration (FAA)

AYRA RANASINGH
Micro Merchant Systems

MANNY SANTANA
Defense Contract Management Agency

FRANK SCALZO
NASA

OLIVER SCHEEL
U.S. Didactic

BEANT SINGH
Honeywell

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Sikorsky Aircraft Corporation

RAUL TELLES
Consolidated Edison Company of New York

PETER TROGOS
Dassault Systems

JOSE ULLOA
RCM Technologies

HANS VAN OPHEMERT
American Airlines (Retired)

NICK VISCIOTTI
Cyient

DI YANG
Federal Aviation Administration

S. ZAINULE
Thomas Edison High School

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LORETTA ALKALAY, ESQ.
Regional Counsel
Federal Aviation Administration (ret.)

MICHAEL BARTRON
Pratt & Whitney

THE HONORABLE JOHN GOGLIA
National Transportation Safety Board (ret.)

GILBERT GONZALEZ
Atlas Air

GLEN HAUSSMANN
Flight Safety

KEVIN HYATT
JetBlue

STEVE MIKHLIN, '99
Marsh USA

DAVID PRICE
Consultant, UAS Industry

JEFFREY TIME
Port Authority New York/ New Jersey

NEW COURSE OFFERINGS AND UPDATED COURSE DESCRIPTIONS

APM 485 – Airport Development and Management - 3 Credits

This course develops skills and understanding of the operation, management and conceptual design of airports of any size. The course contents will cover the finance and administration of airports; airport planning; airport operations, maintenance, and security; as well as airport community affairs and relationships with other stakeholders. Course content will focus on practical application of airport management and airport operations knowledge. The course will also include content to help students prepare to obtain the Certified Membership (C.M.) and Airport Certified Employee (ACE)—Operations qualifications awarded by the American Association of Airport Executives (AAAE).

ATC350 – CURRENT AND FUTURE TRENDS IN AIR TRAFFIC CONTROL - 3 credits

This course focuses on the operation of today's air traffic control system and the near and mid-term changes to it that will be occurring due to NEXTGEN technological enhancements. It includes such topics as national and international ATC procedures and flight planning, an in-depth review of ICAO Annex 11, traffic flow management strategies, airspace analysis, ATC safety management systems, FAA automation initiatives, remote ATC towers, and oceanic ATC. It will study the world-wide trend toward privatization of Air Navigation Service Providers (ANSPs) and potential impacts on the United States. It will explore and discuss the impact of evolving navigation and surveillance technologies on both ATC and flight operations. A research project will be required. This course will benefit those students planning on careers in air traffic control. It will also benefit flight and airport management students by making them more aware of how emerging trends and technologies are modifying the present and future National Airspace System. Prerequisite: FLT110 OR FLT250 OR ATC200

ECO255 – INTRODUCTION TO MACROECONOMICS – 3 credits

This first course in economics will begin with basic concepts in Economics and the tools of economic analysis. Topics covered include supply and demand, their determinants and market equilibrium, total output and growth of an economy, employment, inflation and interest rates. The course will finish with an introduction to international economics. Prerequisite: MAT 115

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ELE401 – PRE CAPSTONE PROJECT – 1 credit

This course prepares senior electrical engineering students for their capstone degree project. In this course, students begin working on their capstone degree project by studying the engineering design process and learning about professional topics related to the electrical engineering industry. Topics in the engineering

design process include customer needs identification, project concept generation and selection, engineering specifications, costs and project planning. Professional topics include communication, teamwork, ethics, safety, sustainability, globalization and engineering economics. Students work in a team to develop a project topic, specifications and a project plan, perform background research necessary to fully understand the project and the problem solving approach. Students are evaluated on their proposal report and presentation skills, as well as their ability to function as a team. Prerequisites: Seven semester standing, ELE330.

ELE452 – INTRODUCTION TO POWER SYSTEMS – 3 credits

This course focuses on the study of the different elements that form an electric power system, and their interactions. Topics include generation, transmission, distribution, energy management, control with SCADA, synchronization, protection, reactive power compensation, smart grid. Prerequisites: ELE325.

ELE453 – TRANSMISSION AND DISTRIBUTION – 3 credits

This course discusses the design and analysis of high voltage transmission lines and middle voltage distribution lines; conductors, corona, insulators, clearances, DC characteristics, feeders, voltage drop, capacitive effects will be covered. Prerequisites: ELE325.

ENG 225 – Film Studies – 3 Credits

This class surveys the history, origins and influences of American film. We will consider American cinema as an art form, an industry, and a system of representation. We will explore the process by which an American identity is both formed and reflected through movies, as well as how films work technically, aesthetically and culturally.

FLT110 – GENERAL AERONAUTICS – 4 credits

Subjects include theory of flight, environmental effects, basic aircraft and powerplant systems, weight and balance, operating data, basic navigation, basic meteorology, air traffic control principles, aviation safety and federal aviation regulations. Upon successful completion of this course, the student will have gained the aeronautical knowledge and experience necessary to apply for a Federal Aviation Administration (FAA) Private Pilot written examination. A grade of C or better is required to complete this course. The FAA Private Pilot written exam must be successfully passed before applying to take the FAA practical exam (airplane check ride). The Flight Instructor will evaluate student's knowledge during the flight phase and authorize the student to take the written exam. ATC students taking this course must complete the simulator lab.

As part of the laboratory experience, students are required to take five hours of simulator training and additional training to prepare for the FAA written exam. Class II FAA medical certificate and financial counseling is required for students in the aircraft operations program.

An exam, simulator and seminar lab fee are required.

FLT 384 – Aviation Environmental Issues – 3 Credits

This course is an in-depth study of the environmental concerns within the aviation industry and how policy and decision-makers can implement effective strategies toward compatibility between the aviation industry and its environment. The course covers methods of managing the environmental effects of aviation. It presents various environmental issues faced by airports and airlines, including legal and regulatory aspects, noise, pollution, and the ways that management can deal with various environmental situations ethically and profitably.

MGT110 – INTRODUCTION TO MANAGEMENT – 3 credits

This course introduces theories of effective management through the use of practical situations. Coursework develops skills necessary for supervision, such as effective use of labor and motivation techniques.

MGT230 – FINANCIAL MANAGEMENT – 3 credits

Topics covered include financial statements, the environment and institutions. Students learn about the time value of money, interest rates, discounting and compounding. Other issues addressed are financial assets and their valuation, financial decision making over the long and short terms, and international financial markets. Prerequisites: MAT115, MGT120

MGT240 – MANAGERIAL ECONOMICS – 3 credits

This course provides the student with an understanding of the fundamentals of microeconomics. Topics include cost behavior, perfect competition, monopoly, imperfect competition and oligopoly. Prerequisites: ENG110, MAT115; spring offering only

MGT403 – INTERNSHIP - DEGREE PROJECT – 3 credits

Students in the BS programs in airport, airline and general management apply their classroom learning to management internship for credit by participating in an internship in a business related to their major. In addition to the internship, students are required to complete written assignments and an oral presentation in

consultation with a faculty adviser. A research project is required for all management students who take MGT403.

The following courses are available for Reduced Air Transport Pilot (RATP) Credit:

ATC200, ATM320, ATM452, FLT110, FLT111, FLT120, FLT121, FLT221, FLT230, FLT240, FLT241, FLT330, FLT331, FLT345, FLT360, FLT361, FLT385, FLT447, FLT470, FLT471, FLT472, FLT480, FLT481, PHY120, PHY220

ACADEMIC CALENDAR 2018 – 2019*

* All dates are subject to change. Check the website: www.vaughn.edu.

FALL SEMESTER 2018

Registration	Mon., March 5, 2018 through Sat., September 2, 2018**
Labor Day Holiday	Mon., September 3
Classes Begin	Tues., September 4, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Tues., September 4
Tuition Payment Due	Tues., September 4
Program Adjustment Period (<i>add/drop/change</i>)	Tues., September 4 through Sat., September 15
Last Day to Register	Sat., September 15
Last Day to File for May 2019 Graduation	Mon., October 1
Columbus Day Holiday	Mon., October 8
Monday Schedule	Tues., October 9
Midterm Exam Period	Mon., October 15 through Sat., October 20
Last Day to Withdraw without Academic Penalty	Tues., November 6
Veterans Day	Sun., November 11
Thanksgiving Recess	Wed., November 21 through Sun., November 25
Classes Resume	Mon., November 26, 8 a.m.
Classes End	Fri., December 14
Exam Period	Mon., December 17 through Fri., December 21
Spring/Summer 2018 Grade Change Deadline	Fri., December 22
Winter Recess	Sat., December 24 through Mon., January 21, 2018

SPRING SEMESTER 2019

Registration	Mon., March 5, 2018 through Sat., January 19, 2019**
Dr. Martin Luther King Jr. Day Holiday	Mon., January 21
Classes Begin	Tues., January 22, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Tues., January 22
Tuition Payment Due	Tues., January 22
Program Adjustment Period (<i>add/drop/change</i>)	Tues., January 22 through Sat., February 2
Last Day to Register	Sat., February 2
Presidents Day Holiday	Mon., February 18
Monday Schedule	Tues., February 19
Midterm Exam Period	Mon., February 25 through Sat., March 2
Last Day to Withdraw without Academic Penalty	Tues., March 26
Spring Recess	Mon., March 25 through Sun., March 30
Classes Resume	Mon., March 31, 8 a.m.
Last Day to File for September 2018 Graduation	Mon., March 31
Classes End	Tues., May 1
Exam Period	Wed., May 8 through Tues., May 14
Fall 2018 Grade Change Deadline	Tues., May 7
Honors Convocation	Wed., May 8
Commencement	Sat., May 18

ACADEMIC SESSION I SUMMER 2019

Registration	Mon., March 5, 2018, through Fri., May 17, 2019**
Classes Begin	Mon., May 20, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Mon., May 20
Tuition Payment Due	Mon., May 20
Program Adjustment Period (<i>add/drop/change</i>)	Mon., May 20 through Wed., May 22
Last Day to Register	Wed., May 22
Memorial Day Holiday	Mon., May 27
Last Day to Withdraw without Academic Penalty	Mon., June 10
Classes End	Fri., June 28
Last Day to File for December 2018 Graduation	Fri., June 28
Summer Recess	Mon., July 1 through Sun., July 7

ACADEMIC SESSION II SUMMER 2019

Registration	Mon., March 6, 2018, through Fri., June 28, 2019**
Classes Begin	Mon., July 8, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Mon., July 8
Tuition Payment Due	Mon., July 8
Program Adjustment Period (<i>add/drop/change</i>)	Mon., July 8 through Wed., July 10
Last Day to Register	Wed., July 10
Last Day to Withdraw without Academic Penalty	Mon., July 29
Classes End	Fri., August 16

** (Early registration and/or online registration may be available by contacting academic advisement)

AVIATION TRAINING INSTITUTE CALENDAR 2018 – 2019*

* All dates are subject to change. Check the website: www.vaughn.edu.

FALL SEMESTER 2018

Registration	Mon., March 5, 2018 through Sat., September 2, 2018**
Labor Day Holiday	Mon., September 3
Classes Begin	Tues., September 4, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Tues., September 4
Tuition Payment Due	Tues., September 4
Program Adjustment Period (<i>add/drop/change</i>)	Tues., September 4 through Sat., September 15
Last Day to Register	Sat., September 15
Last Day to File for May 2019 Graduation	Mon., October 1
Columbus Day Holiday	Mon., October 8
Monday Schedule	Tues., October 9
Last Day to Withdraw without Academic Penalty	Tues., November 6
Thanksgiving Recess	Wed., November 21 through Sun., November 25
Classes Resume	Mon., November 26, 8 a.m.
Classes End	Fri., December 14
Spring/Summer 2018 Grade Change Deadline	Fri., December 22
Winter Recess	Sat., December 24 through Mon., January 21, 2018

SPRING SEMESTER 2019

Registration	Mon., March 5, 2018 through Sat., January 19, 2019**
Classes Begin	Mon., January 14, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Mon., January 14
Tuition Payment Due	Mon., January 14
Program Adjustment Period (<i>add/drop/change</i>)	Mon., January 14 through Sat., January 19
Last Day to Register	Sat., January 19
Dr. Martin Luther King Jr. Day Holiday	Mon., January 21
Presidents Day Holiday	Mon., February 18
Monday Schedule	Tues., February 19
Last Day to Withdraw without Academic Penalty	Mon., March 26
Spring Recess	Mon., March 25 through Sun., March 30
Classes Resume	Mon., March 31, 8 a.m.
Last Day to File for September 2018 Graduation	Mon., March 31
Classes End	Tues., April 30
Fall 2018 Grade Change Deadline	Tues., May 7
Honors Convocation	Wed., May 8
Commencement	Sat., May 18

SESSION I SUMMER 2019

Registration	Mon., March 5, 2018 through Sat., May 11, 2019**
Classes Begin	Mon., May 13, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Mon., May 13
Tuition Payment Due	Mon., May 13
Program Adjustment Period (<i>add/drop/change</i>)	Mon., May 13 through Tues., May 14
Last Day to Register	Tues., May 14
Memorial Day Holiday	Mon., May 27
Last Day to Withdraw without Academic Penalty	Mon., June 3
Classes End	Fri., June 28
Last Day to File for December 2018 Graduation	Fri., June 28
Summer Recess	Mon., July 1 through Sun., July 7

SESSION II SUMMER 2018

Registration	Mon., March 5, 2018, through Fri., June 28, 2019**
Classes Begin	Mon., July 8, 8 a.m.
Late Registration Begins (<i>late fee will be imposed</i>)	Mon., July 8
Tuition Payment Due	Mon., July 8
Program Adjustment Period (<i>add/drop/change</i>)	Mon., July 8 through Tues., July 9
Last Day to Register	Tues., July 9
Last Day to Withdraw without Academic Penalty	Mon., July 29
Classes End	Fri., August 23

** (Early registration and/or online registration may be available by contacting academic advisement)

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The M60 bus is a local service between Morningside Heights, Manhattan and LaGuardia Airport, Queens. The bus leaves from Broadway and West 106th Street, proceeds north on Broadway and then east on 125th Street. It crosses the Robert F. Kennedy (Triborough) Bridge into Queens and stops across the street from the College on 23rd Avenue at 87th Street.

Visit these helpful websites: mta.info and hopstop.com

By automobile:

When using a GPS device, please enter Vaughn's address as:

8601 23rd Avenue
East Elmhurst, NY 11369

From Brooklyn:

Take the Brooklyn-Queens Expressway to LaGuardia Airport Exit 39. Take Astoria Boulevard East to 85th Street, then turn left one block and right onto 23rd Avenue. Proceed to 90th Street, and make a left turn into the College.

From Long Island:

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From Manhattan:

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