



Graduate Catalog 2010–2011

86-01 23rd Avenue, Flushing, NY 11369 Tel: 718.429.6600 Fax: 718.429.0256 www.vaughn.edu E-mail: admitme@vaughn.edu

Vaughn College

of Aeronautics and Technology

Graduate Catalog 2010–2011

The graduate 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, any statements concerning policies, rules, requirements, procedures, courses, curricula, schedules, activities, tuition, fees and calendars of the College which are set forth in this catalog. Such changes may 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 extension 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, color, disability, marital status, national origin, race, religion, creed, veteran status, gender or sexual orientation. Inquiries regarding the application of the equal opportunity and non-discrimination policies and procedures at Vaughn College may be referred to the office of student affairs.

For information on Vaughn's associate or bachelor degree programs, see the undergraduate catalog on this website.

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

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INTRODUCTION TO VAUGHN COLLEGE OF AERONAUTICS AND TECHNOLOGY

aviator and aviation company executive, foresaw the need for highly trained technicians to design, build and service aircraft and engines. George A. Vaughn, Jr., a World War I flying ace, and Lee D. Warrender, an engineer, joined with Casey Jones in founding the Casey Jones School of Aeronautics, the predecessor of the Academy of Aeronautics, and in September 1986, the College of Aeronautics.

From 1932 through 1947, the school offered design and maintenance programs, graduating well-trained technicians, many of whom went on to secure leadership positions in the aviation and aerospace industries.

From 1941 to 1945, the Casey Jones School of Aeronautics devoted its resources to the nation in its war effort. During World War II, more than 20,000 technicians were trained for the armed forces.

In fall 1964, the Academy of Aeronautics conferred associate in applied science degrees for the first time and, in 1969, the Academy was accredited by the Middle States Association of Colleges and Schools.

In 1996, the College completely revised its curricula offering resulting in nine new academic programs, including for the first time the bachelor of science and an associate degree in flight.

On May 5, 1998, a state-of-the-art 35,000-square-foot addition to the building complex was completed. It included a 65-foot observation tower providing a spectacular view of the runways at LaGuardia Airport.

In fall 2001, the College created the Aviation Training Institute in which the aviation maintenance certificate program is offered. It enables students to earn their airframe and powerplant (A&P) certificate in as few as 16 months. Details about the program, along with its major benefits, appear in the undergraduate catalog on Vaughn's web site.

Effective September 1, 2004, the Board of Regents of the state of New York approved the institution changing its name from the College of Aeronautics to Vaughn College of Aeronautics and Technology. Vaughn is a four-year, private institution with master's, bachelor's and associate's degrees in engineering and technology, aviation and management.

In fall 2007, Vaughn opened its first residence hall with 200 beds. Plans are also underway to include a new library, cafeteria and student center, additional degree programs and other improvements to the campus. This vision calls us to provide students with an enriching experience both inside and outside the classroom.

In spring 2008, Vaughn offered its first master of science in airport management—another step forward for Vaughn in implementing its strategic agenda.

What separates Vaughn College from other institutions is our uniquely committed faculty. Our faculty comes to the classroom with extensive experience in such fields as engineering, manufacturing, management and communications.

Working closely with industry, Vaughn has developed rigorous curricula that incorporate the latest technology, as well as the knowledge you need to succeed in your chosen profession.

Our faculty-student ratio of 14 to one also ensures individual attention. We provide traditional degrees as well as professional, technical and certification programs that prepare our graduates for successful careers. Most importantly, a degree from Vaughn College provides the critical, analytical and communication skills that form the foundation for a lifetime of success. Our graduates have gone on to become leaders in many major industries. More than 93 percent are employed within six months of graduation.

Please contact us at 1.718.429.6600, extension 118.

VISION STATEMENT

Vaughn College of Aeronautics and Technology will provide a culture of excellence in which rigorous degree, professional, technical and certification programs are offered. These programs, built upon our aeronautical heritage, will incorporate the latest technology and meet the universal needs of the industries they serve. The result will be well-educated graduates who are trained, qualified and successful in their fields.

MISSION STATEMENT

Vaughn College of Aeronautics and Technology is an institution dedicated to providing a distinctive education to a diverse population of students. Our mission is to create an environment that cultivates personal growth and leadership in preparation for successful careers. Vaughn College is committed to:

- 1. Maintaining a culture of excellence that is conducive to learning, which enables students, faculty and staff to achieve their fullest personal, professional and career potential;
- Providing students with the theoretical knowledge and practical skills they need to achieve professional success in their chosen careers; integrating technology into academic programs while emphasizing communication and analytical skills:
- 3. Instilling in our students the professional and civic values that will make them outstanding contributors to society; educating students about how to be responsible citizens, whose integrity, personal values and high ethical standards will be emulated within the community;
- 4. Ensuring academic excellence by recruiting and developing an outstanding faculty and instructional staff, encouraging the pursuit of research and other professional development activities that extend the body of scientific knowledge and its practical application to societal and industrial needs;
- 5. Serving the industries that employ our graduates by providing an innovative curriculum responsive to changing needs, covering a broad spectrum from leading-edge certification and training to baccalaureate aviation, management, engineering and technology degree programs;

- 6. Providing an administration that is responsive to the daily and long-term management issues that ensure an environment of excellence in learning; and
- 7. Welcoming men and women from all racial, cultural, ethnic and religious backgrounds to join our students, faculty, staff and trustees in support of the vision and mission.

CAMPUS LOCATION

Vaughn College of Aeronautics and Technology is located at 86-01 23rd Avenue, Flushing, NY 11369.

Located in the New York city borough of Queens, the College offers many opportunities for liaison at a vast array of technology and aviation companies.

Vaughn College has a six-acre campus and is convenient to major transportation routes.

As part of the institution's strategic plan, a 200-bed residential hall has been built, enabling students to live and pursue their chosen field of study on campus.

DISTANCE LEARNING

Vaughn College utilizes online learning technology to deliver some of its graduate-level courses. This unique approach to learning is specifically designed to meet the needs of adults employed in aviation and other related industries.

Visit our web site, www.vaughn.edu for further details, or contact the admissions office at 1.866.6VAUGHN, ext. 118.

A Blended Learning Experience

Vaughn maintains partnerships with companies that provide educational benefits to their employees. These students participate through the use of blended courses that combine videoconferencing and the web.

Online Courses for On-Campus Students

Many students want the experience of taking some of their courses online to complement their work schedules. On-campus students at Vaughn may participate in online classes to complete requirements for their degree programs. Virtually all management courses are available online, several arts and sciences and other elective courses are also available. Students enrolled in an on-campus degree program may not take more than 50 percent

of their curriculum in an online/distance learning class format.

Online/Distance Learning Credit Policy

Students enrolled exclusively in a registered online program may pursue their prescribed program either online, via video-conferencing or on campus, with no minimum or maximum number of credits in any one category (while following the degree requirements).

FLIGHT SIMULATOR CENTER

Vaughn's flight simulator center includes a Frasca 241 and 142, two Redbirds and one CRJ-200, Canadair regional jet trainer. The CRJ is a welcome addition to this \$1 million lab. The Redbird FMX is a high quality, state-of-the-art advanced air-training devices that will offer our students superior flight training opportunities. The Redbird, with its FMX motion platform, manipulates your sense of balance by also simulating 40-degree roll, 50-degree pitch and 60-degree yaw motions.

Redbirds have six monitors dedicated to external views for practicing circling approaches. These simulators can be reconfigured to represent most of the airplanes in a training fleet. The advanced instructor's software can be run from any Windows laptop or tablet PC, and the station allows the instructor to monitor and control weather conditions and equipment failures. The instructor can also quickly reposition a flight, pause a flight, and replay a previously recorded flight. The Redbird has a vast terrain and airport database as well as a unique pilot key system.

In addition to the interior controls, adjustable pilot and co-pilot seats, instrument panel lighting and motion platform emergency stop button, the Redbird's capabilities can be further expanded with additional instrument controls, autopilot buttons, aircraft check lists and indicators for airspeed and altitude monitoring.

An additional simulator, a new Frasca 241, envelops students in 220 degrees of Tru-Vision flight. This flight training device will be configured to represent a single engine Cessna 172 and is approved by the Federal Aviation Administration. These three new simulators will join the College's original device, the FRASCA 142, which allows students to practice take-offs, landings and other flight maneuvers. All four simulators will increase the amount of training each flight student will receive.

HANGAR COMPLEX

The hangar complex provides a realistic aviation setting for students to perform hands-on maintenance on a variety of aircraft. The present fleet comprises two twin-engine business jets and several twin- and single-engine general aviation aircraft. Turbojet and turboprop aircraft engine theory of operation is further enhanced by the inclusion of three jet engine test cells.

The hangar facility is also equipped with composite and corrosion control laboratories which are specifically designed to offer hands-on courses in aircraft composite structures and non-destructive testing procedures.

INFORMATION TECHNOLOGY SERVICES

Vaughn College has invested significant resources in its computing infrastructure. Network access to computing labs, classrooms, faculty offices and student is provided via a high-speed, fiber optic network backbone, with secure wireless access available in many academic and all residential locations.

All campus computer labs are equipped with state-of-the-art HP computers running Microsoft Office 2007 Professional edition, and many other industry standard software programs. These computing labs are used for teaching and learning during the day and are available for general student use during non-class hours. All labs are also equipped with high-speed laser printers.

In addition to providing well-connected academic and residential facilities, Vaughn College has also invested heavily in modern instructional technology. Twelve classrooms have been equipped with large screen computer and video projection equipment. While this audio-visual equipment is used to present course content in a digital format in the classroom, the College also provides digital access to course content outside of the classroom using an online learning management system. Both of these technologies serve to augment the traditional classroom based learning approach.

Registered students also have access to student information through the "Vaughn Portal," at www.vaughn.edu. The portal provides customizable information, a daily campus calendar, as well as news and information

THE FEDERAL AVIATION ADMINISTRATION (FAA)-AUTHORIZED COMPUTER TEST CENTER

The FAA-Authorized Computer Test Center at Vaughn provides all written examinations offered by the FAA via computer. The Center has computer stations available and is capable of handling either same-day registration or testing by appointment. In addition, the written Federal Communication Commission (FCC) commercial license examination, the FAA Air Traffic-Collegiate Training Initiative (AT-CTI) screening exam, as well as many computer company certification tests may be taken at the center.

TEST CENTER HOURS:

Monday, Wednesday and Friday 9 a.m. to 5 p.m.

LIBRARY

Vaughn's library offers extensive general, technical, resource and periodical material totaling more than 42,000 volumes.

The real and virtual resources include books, periodicals, videos and research databases.

There are more than 150 periodical titles in the library's collection. The video collection is comprised of subject videos to support the College's curriculum, general interest videos and movies. The library houses almost 2,000 VHS tapes and DVDs.

Research Databases and Information Literacy

There are research databases available that contain more than 22,000 full-text periodicals and newspapers. In addition, the library has an e-book collection of more than 38,000 full-text online books. All faculty, staff and students can access these databases by registering at the site. To register, you must first have a Vaughn e-mail account.

An information literacy module is embedded in the library site. This module is part of the information literacy course (ILT101) offered by Vaughn College and is a requirement for all students enrolled in any AAS or BS program. All students, faculty and staff members can access the module to assess their skills in informational literacy.

Ten personal computers are available for student use in the reference area, and two general use computer labs are also available for student use.

The library, which occupies more than 4,500 square feet, offers seating for 100 students and has an attached computer lab with 20 computer stations and three virtual flight simulator stations.

LIBRARY HOURS:

Monday and Tuesday 7:30 a.m. to 11 p.m.

Wednesday and Thursday 7:30 a.m. to 9 p.m.

Friday 7:30 a.m. to 6 p.m.

Saturday 8 a.m. to 5 p.m.

Sunday 12 p.m. to 5 p.m.

TEACHING AND LEARNING CENTER

The Teaching and Learning Center offers a variety of helpful programs, including peer tutoring, computer-aided instruction, mini-lectures, an audiovisual instructional library, a writing center and a language lab, as well as a quiet study area.

The Teaching and Learning Center also houses the academic resource center (ARC), the student advisement Center (SAC), the writing center and the language lab.

For more detailed information on these programs and other resources, please see pages 18 and 19.

ENROLLMENT SERVICES

ADMISSIONS

Vaughn College of Aeronautics and Technology offers an equal educational opportunity to all students without regard to age, citizenship status, color, disability, marital status, national origin, race, religion, creed, veteran status, gender or sexual orientation.

Applications for fall freshman admission to the master of science program are due no later than March 1.

Applications received after March 1 will be reviewed on a space-available basis. Transfer student applications, as well as all applications for associate degrees, and all applications for January and May admissions are considered on a rolling basis. Applicants for admission must provide:

- Vaughn College graduate admissions application
- an official copy of college transcripts
- immunization records
- GMAT or GRE scores
- · Three letters of recommendation

Success in Vaughn's programs depends to a large extent upon the student's commitment and eagerness to learn. The admissions and class placement procedures are designed to assist each student in choosing the course that suits his or her abilities and level of preparedness.

The admissions counseling staff is available to provide up-to-date advisement to applicants and their parents. Each applicant is evaluated individually and is kept informed about his or her status by admission status notices, which are issued as changes in status occur. For more information, contact the office of admissions at: 1.866.6VAUGHN, ext. 118.

ENTRANCE REQUIREMENTS

- Bachelor degree with minimum grade point average of 2.8
- Undergraduate-level mathematics, including calculus, with a grade of C or better
- Undergraduate-level English with a grade C or better
- Three letters of recommendation

• Graduate Management Admission Test, minimum score of 590 or Graduate Record Examination (General Test), minimum score of 550 (verbal) and 700 (quantitative)

Conditional Admissions

An applicant who shows promise for advanced study but who has not met the academic requirements for admission to a graduate program may be admitted on a provisional basis. A student admitted on this basis is given the opportunity to meet the required academic criteria established by the department while pursuing no more than 12 graduate credits. A student who fails to meet the academic requirements cannot pursue further course work in the degree program.

Interviews

While personal interviews with the offices of graduate admissions and financial aid are not required for admission, they are strongly recommended.

ADMISSIONS PROCEDURES

APPLICATION STATUS

You may apply for admission as a first-time graduate student or with one of the following application statuses and choose to enroll as a full- or part-time student.

Transfer Applicants

Students, domestic or international, who have completed post-graduate coursework at an accredited college or university, within or outside the United States, may apply for either the fall, spring or summer semester.

Applicants for Re-Entry

Vaughn College students who have not been in attendance for one semester or more are required to apply for re-entry if they don't maintain matriculation. Students applying for readmission will be expected to state their reasons for leaving the College, and explain why they desire to return. Official transcripts of graduate-level courses taken during this period of absence from Vaughn must be submitted with the application for readmission. The application for re-entry is available in the office of admissions and the office of the registrar, and must be filed with the office of admissions. Students may apply for the fall, spring or summer semester.

Application Fee

A \$75 non-refundable fee, payable to Vaughn College in the form of a personal bank check or money order, is required of each graduate applicant.

TRANSCRIPTS

College Transcripts

College transcripts are required of all applicants. Official transcripts noting any coursework from each institution you attended must be filed with the office of admissions.

International students, or students who attended college outside the US must submit their transcripts for evaluation to: World Education Services (WES), P.O. Box 745, Old Chelsea Station, New York, NY 10113-0745. The evaluations must then be forwarded to the office of admissions. Only WES evaluations of college-level credit will be accepted when considering college transfer credit. English language translations are not sufficient.

Standardized Tests

Official results of the Graduate Management Admission Test, minimum score of 590 or Graduate Record Examination (General Test), minimum score of 550 (verbal) and 700 (quantitative) are required.

INTERNATIONAL STUDENT APPLICANTS

International applicants should visit the international student section of Vaughn's web page: www.vaughn.edu in order to read and download the latest information and forms.

Applicants who have completed their undergraduate education in other countries are requested to submit certified copies of their records, translated into 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).
- 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 \$75US fee), as well as the international application supplement, is to be filed at least 90 days before the start of the academic semester. The office of admissions will not review any international application submitted without the appropriate application fee.

TOEFL

Official results of the Test of English as a Foreign Language (TOEFL) must be submitted by all applicants from countries where English is not the official language of instruction. A minimum score of 560 on the paper exam or 200 on the computerized exam is required.

International Applicants' Affidavit of Support

In order to receive a I-20 form issued by the College, international students must provide a duly signed and notarized Affidavit of Support which shows that there is adequate financial support (\$30,000 per annum) to finance your education at Vaughn. This affidavit of support is part of the international application supplement. Students who will receive an offer of free room and board must follow the instructions listed in the College's international application supplement. For up-to-date, detailed information regarding acceptable proof of a student's or sponsor's ability to contribute financial support, consult Vaughn College's international application supplement available on our institution's admissions web site.

All of the these credentials must be written in English. All translations must be certified and accompanied by notarized copies of the original document(s). Mail application, supporting documents, fees and scores to:

Vaughn College of Aeronautics and Technology Office of Admissions 86-01 23rd Avenue

Flushing, NY 11369 Phone: 1.866.6VAUGHN

Fax: 1.718.779.2231 E-mail: admitme@vaughn.edu

E-mail: admitme@vaughn.edu Website: http://www.vaughn.edu

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 non-refundable tuition deposit of \$400US to reserve a place among the entering class. Once the affidavit of support and other proof of financial ability has 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.

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.

VETERAN APPLICANTS

All courses at the College are approved for educational benefits to eligible veterans. The financial aid office will assist veterans in preparing the documents required to obtain financial assistance.

Educational benefits are available at the College to eligible children of deceased or disabled veterans and to survivors of veterans.

STUDENTS WITH DISABILITIES

While Vaughn does not make any pre-admission 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 officers at the College are the assistant vice president of student affairs and the assistant vice president of human resources and college services.

Vaughn College provides graduate financial aid assistance, which may include graduate assistant-ships, grants, loans and work-study to students with strong academic records and/or demonstrated need. Counseling and assistance is available at the financial aid office. Financial information is kept confidential to the extent possible.

Vaughn College strongly recommends graduate students interested in applying for financial aid submit the Free Application for Federal Student Aid (FAFSA) by March 15 for maximum consideration of all financial aid programs at the College. The FAFSA on the web (http://www.fafsa.ed.gov) is available starting January 1 of each year.

If you are a current student and completed a previous year's FAFSA, you can save time when renewing your FAFSA application online by answering "yes" to the question, "Would you like to pre-fill your FAFSA?"

Graduate students will receive an e-mail message at their Vaughn College e-mail address beginning in mid-to late June or after their FAFSA information is received (whichever is later) notifying them of their financial aid awards, grants, or Federal Stafford loan eligibility.

THE FINANCIAL AID PROCESS

The first step in the financial aid process is filing the Free Application for Federal Student Aid (FAFSA) and the New York state Tuition Assistance Program (TAP) application, if you are a state resident. Applications should be filed as soon as possible as processing can take up to eight weeks. Financial aid advisors are available to assist you in making the process as simple as possible. You may visit the financial aid office for help with completing forms or to develop a plan to help you pay for college.

For more information on financial aid, contact 866.6.VAUGHN, ext. 187.

GRADUATE ASSISTANTSHIPS

Each semester, Vaughn College offers a limited number of graduate assistantships to students who are enrolled full-time in Vaughn's master of science (MS) program in airport management.

The assistantships offer graduate students enrolled in a full-time course of study an opportunity to live on campus in Vaughn's residence hall.

Students must maintain a minimum grade point

average of 3.0 and work a minimum of 10 hours per week in one of several administrative or academic on-campus offices. Graduate assistantships are awarded on a semester basis and correspond with the length of each student's academic program of study. Students will be sent an assistantship application once they are accepted (including conditional acceptance) to the program. For more information, contact Celso Alvarez, associate director of admissions, at 718.429.6600, extension 117, or email him at celso.alvarez@vaughn.edu.

STATE GRANTS

The New York State Tuition Assistance Program (TAP) range of possible grants for graduate students is \$75 to \$550 annually. NYS TAP grants are for New York state residents only, New York State Higher Education Service Corporation (NYSHESC) determines TAP awards based on a student's New York state net taxable income and dependency status. The student will receive an award certificate from NYSHESC. Graduate students must be full-time and in good academic standing.

Federal Educational Loan Program (FELP): Federal Stafford Loan

A Federal Stafford loan is available to help meet financial need after other resources are subtracted or to the annual maximum loan limit, whichever is lower. The interest rate for a Federal Stafford loan is an annual variable rate adjusted each July 1, based on the 91-day treasury bill plus 1.7 percent while in school or during grace and deferment periods, and plus 2.3 percent while in repayment, not to exceed 8.25 percent.

In-school deferments are possible for both Stafford subsidized and unsubsidized loans. Deferments must be completed each semester. For further information and deferment forms, the student should contact his or her lender.

To apply for a Federal Stafford (subsidized or unsubsidized) loan, you must complete the FAFSA. To be eligible, you must be enrolled for at least six credits per semester and be maintaining satisfactory academic progress. If you are eligible for a Federal Stafford (subsidized or unsubsidized) loan, it will be included in your financial aid award letter.

If you are a first-time borrower of a Federal Stafford loan, you will be required to complete a master promissory note (MPN) before the loan funds will be disbursed. In most cases, you will only be required to complete one MPN during your college career. You can complete the MPN online by logging onto www.hesc.com and using your federal student aid PIN by selecting the complete eMPN for Student Loans option. If you prefer to sign a paper MPN, you can request one from Vaughn's financial aid office. Please note that an electronic MPN usually processes in less than two weeks, while a paper MPN will take three to four weeks to process.

LOAN ENTRANCE COUNSELING

	Combined Base Limit for Subsidized and Unsubsidized Loans	Additional Limit for Unsubsidized Loans	Total Limit for Unsubsidized Loans (minus subsidized amounts)
Graduate and Professional Students	\$8,500	\$12,000	\$20,500
Loan Limits for Graduate and Professional Students	\$85,500 (including undergraduate Stafford loans)	\$73,000	\$138,500

Before the financial aid office can disburse your loan funds, you are required* to complete a loan entrance counseling session. This session provides you with information that will help you to understand your rights and responsibilities as a loan borrower, as well as other tools to assist you with managing your loans. The loan entrance counseling session can be completed by logging onto www.mappingyourfuture.org.

*Please note that this requirement is separate from your signing the loan application.

Graduate Stafford Loan Limits

More information about Stafford loans can be found by visiting http://www.hesc.com/content.nsf/SFC/5/About_Stafford_Loans.

Federal Graduate PLUS Loan

The Federal Graduate PLUS loan is a federal loan that graduate students with good credit histories may borrow to help pay their educational expenses if they are enrolled in at least five credits per semester and are maintaining satisfactory academic progress.

A graduate student may borrow up to the total cost of attendance, less all other financial aid received by the student. The interest rate is a fixed rate, which is charged on the loan from the time the loan funds are disbursed until it is paid in full.

To apply for a Federal Graduate PLUS loan you need to:

- Apply for a Federal Student Aid PIN also used to sign the Free Application for Federal Student Aid (FAFSA).
- Complete the Free Application for Federal Student Aid (FAFSA) for the appropriate year, answer question #26 to request a Federal Stafford loan, if you have not already done so.

Results of the credit check are mailed to you and electronically transmitted to the College. If your loan is denied for credit, you will also receive an endorser form, which will enable you to obtain a co-signer for the Graduate PLUS loan. Sign the master promissory note (MPN) on the HESC website by logging onto www.hesc.com and choosing the "Complete My e-MPN for Student Loans" option. This is a one-time action and can be taken before or after the result of the credit check is obtained.

The Graduate PLUS loan will appear on your award letter and/or bill when (1) the credit check is complete and (2) the MPN is signed. You are encouraged to review your tuition bill prior to applying for a Federal Graduate PLUS loan to determine the loan amount to borrow. By law, the total origination fee is 4.0 percent; therefore graduate and professional degree students need to take this net 4.0 percent fee into consideration when determining the gross amount to borrow.

If you prefer to sign a paper MPN, you can request one from Vaughn's financial aid office. Please note that an electronic MPN usually processes in less than two weeks, while a paper MPN will take three to four weeks to process. If you are experiencing technical difficulty signing the master promissory note online at www.hesc.com, please contact New York State Higher Education Service Corporation's customer communication center for borrowers toll free at 1.888.697.4372.

For more information and access to online applications, please select the appropriate link. The loans are listed in alphabetical order and not in order of preference.

Citibank

www.studentloan.com/schools/aero 1.800.967.2400

JP Morgan Chase

www.chasestudentloans.com 1.800.487.4404

Key Bank

www.key.com/educate 1.800.539.5363

Sallie Mae

www.salliemae.com 1.800.695.3317

Wells Fargo / Wachovia Education Finance www.wachovia.com/education 1.877.689.0763

PRIVATE ALTERNATIVE LOANS

Private alternative loans originate outside of the College and require a separate application. Private loans offered through commercial lenders are approved according to the family's ability to repay the loan. Private loans are available to the student's parents. Amounts, interest rates, repayment terms and application procedures vary according to the individual loan program. Before considering a private loan, students should be certsin they understand their rightds and responsibilities under the loan program, including how interest is assessed, when repayment begins and what repayment options are available.

STUDENTS WHO ARE DENIED LOANS

Students who are denied a loan should keep in mind that multiple loan applications can negatively affect your credit report. Before you apply through a second or third lender, determine why you were denied by the first lender. Contact them and ask the following questions:

- Did my credit history negatively affect the application?
- Did the cosigner's credit history negatively affect the application?
- Is there something on my credit report (or on my cosigner's) that can be easily corrected?
- Is there a possibility that I could be approved with a different cosigner?

Students should get a copy of their credit report, available at annual credit report.com, to review their credit information.

To better evaluate the Federal Graduate PLUS

and private alternative loans, students can log on to www.elmselect.com for a comparison of rates and borrower benefits.

VETERANS' EDUCATIONAL BENEFITS

Applications are available at Vaughn, all Veteran's Affairs offices and active duty stations. For more information and applications, please consult with Jean Rivera, the College's Veteran Affairs liaison and assistant manager of student accounts at 866.6VAUGHN, ext. 150. Her e-mail address is jean.rivera@vaughn.edu.

GI BILL

The GI bill is available to veterans with at least 181 days of continuous active duty service, any part of which occurred after January 31, 1955 and before January 1, 1977. Applications are available at Vaughn, all Veteran's Affairs offices, active duty stations and American embassies.

TUITION AWARDS FOR VIETNAM VETERANS

Eligibility requirements:

- 1. Residency in New York state on the effective date of the law at the time of entry into service and resumption of residency by September 1, 1987
- 2. Service in the US Armed Forces in Indochina between January 1, 1963 and May 7, 1975
- 3. Discharge under other than dishonorable conditions

Full-time awards are for up to eight semesters for a four-year program or 10 semesters if a program normally requires five years.

Part-time awards are for students taking six to 11 credits per semester or the equivalent in an approved undergraduate program. Awards are available for 16 semesters (eight years) or 20 semesters (10 years) for programs normally requiring five years of full-time study.

Amount: Full-time awards are \$1,000 per semester, or tuition, whichever is less. The total award cannot exceed \$10,000.

PERSIAN GULF VETERANS TUITION AWARDS

Eligibility requirements are the same as above for veterans who have served in the US Armed Forces in the hostilities that occurred in the Persian Gulf beginning August 2, 1990.

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YELLOW RIBBON PROGRAM

Students entitled to the maximum benefit rate, based on service requirements, may receive this funding if they meet one or more of the following requirements:

- 1. Have served an aggregate period of active duty after September 10, 2001, of at least 36 months
- Were honorably discharged from active duty for 866.6.VAUGHN, ext. 187.a service connected disability and had served 30 continuous days after September 10, 2001
- 3. Are a dependent eligible for Transfer of Entitlement under the post 9/11 GI Bill based on a veteran's service under the eligibility criteria listed above

POST-9/11 GI BILL

The Post-9/11 GI Bill provides financial support for education and housing to individuals with at least 90 days of aggregate service on or after September 11, 2001, or individuals discharged with a service-connected disability after 30 days. You must have received an honorable discharge to be eligible for the Post-9/11 GI Bill.

This bill became effective on August 1, 2009. The amount of support that an individual may qualify for depends on where he or she lives and what type of degree is being pursued.

Approved training includes graduate and undergraduate degrees and vocational/technical training. All training programs must be offered by an institution of higher learning and approved for GI benefits. Tutorial assistance and licensing and certification test reimbursement are also approved under this bill.

The Post-9/11 GI Bill expands the number of people who qualify for education support from the Department of Veteran Affairs. Visit www.gibill.va.gov to learn more about this bill.

Students are billed each semester for tuition, fees and other expenses such as housing. It is Vaughn's policy that students must clear their tuition account prior to registering for subsequent semesters. Financial arrangements constitute setting up a deferred payment plan with consistent payments which are defined and agreed to by the office of student accounts and the student filing for financial aid if applicable.

Under no circumstances will students be permitted to register if they have tuition due for more than one semester. Appeals of this policy may be made to the vice president of finance and business services for a final determination.

A fee of \$25 will be charged for all checks that are not honored. Tuition and fees are subject to change at any time at the discretion of the College.

ACCEPTANCE DEPOSIT

A non-refundable acceptance deposit of \$100 (\$400US for international students) is required within one month after the applicant is notified of acceptance. The acceptance deposit reserves the student's place in class and is credited in full toward tuition, provided that the applicant begins classes within one year of the originally scheduled enrollment date. Requests for waiver of the one-year limit should be submitted to the assistant vice president of admissions.

TUITION

Graduate tuition for the 2010-2011 academic year is \$720 per credit.

ROOM AND BOARD

For the 2010-2011 academic year, a room in Vaughn's residence hall is \$3,990 for a double room and \$4,575 for a single room per semester. A \$250 housing deposit is required. Residents live in either a two-person or four-person suite with a semi-private bath. The residence hall has laundry, study and kitchen facilities in a common area within the building. Residence hall rooms are supplied with a bed, dresser, closet, desk, chair and wastebasket for each student. Each room is also equipped with a phone and cable TV hookup and computer port.

Meal plan options include:

Plan 1: \$880 per semester Plan 2: \$1,200 per semester Plan 3: \$1,650 per semester

HOUSING CANCELLATIONS AND REFUNDS

Students who are assigned housing and who fail to move in will forfeit their deposit and remain responsible for any housing charges due. Students who move into the residence and who then leave or cancel their assignment at any point during the academic term will forfeit all deposits and be charged for the remaining housing costs.

Students who cancel housing by notifying the Office of Student Affairs in writing prior to July 1, for the Fall semester, by January 1, for the spring semester, will be refunded the \$250 housing deposit. After these dates, the deposit will not be refunded.

The housing deposit will be held by the College as a damage deposit and will not be credited to your housing bill. At the end of the student's residence, the room will be inspected to determine the amount, if any, of the deposit which will be refunded to the student upon move-out. In the event damages to the room and/or common area exceed the \$250 deposit, the student will be responsible for paying the additional damage amount. Failure to receive a specific type of housing is not a justifiable reason to be refunded the \$250 deposit or to decline or move out of the residence.

If a student is removed from the residence hall for judicial reasons, he or she forfeits the right to a refund of his or her housing charges and housing deposit and remains liable for the full amount.

Residents who were enrolled for the fall semester and have been released from their agreement for the spring semester due to withdrawal from the College must vacate their rooms, check out with a staff member, and return room keys within 24 hours after their last final exam for the fall semester; their liability for further charges will be assessed at that time.

FEES

APPLICATION FEE

A non-refundable application fee of \$75 is required with the application for admission. A re-entry fee of \$75 is due by all graduate students re-entering the College after withdrawal (more than one semester of absence) and is non-refundable.

SUMMARY OF 2010-2011 GRADUATE FEE SCHEDULE			
Activity	Fee		
Application	\$75 per graduate application		
Academic–audit	\$720 per course		
Graduation	\$80 per student		
Immunization	\$10 per shot		
Late payment	\$50 per incident		
Late registration	\$50 per incident		
Locker rental	\$15 for two semesters (fall and spring) \$10 for one semester		
	(fall or spring) \$5 for summer sessions		
Maintenance of matriculation	\$50 per semester		
Program adjustment			
(add, drop, change of curriculum, etc.)	\$10 per transaction		
Residence Hall room	\$3,990 double		
(per semester)	\$4,575 single		
Residence Hall meal plans*			
Plan 1:	\$880 per semester		
Plan 2:	\$1,200 per semester		
Plan 3:	\$1,650 per semester		
Re-entry	\$75 per graduate application		
Semester fee	\$200 per semester		
Transcript	\$5 per transcript		
Tuition:			
Full-time or part-time:	\$720 per credit		
Tuition deposit	\$100 per student		

\$400 per student

MAINTENANCE OF MATRICULATION FEE

International student tuition deposit

Students who plan to take a leave of absence for a semester are encouraged to maintain matriculation by paying a \$50 maintenance of matriculation fee. Registration forms to maintain matriculation are sent to students following late registration. Maintaining matriculation affords students the opportunity to stay within the curriculum and requirements of their current program. Students may not maintain matriculation for more than two consecutive semesters or in programs that have been canceled. Students must have a zero balance in order to maintain matriculation.

IMMUNIZATION FEE

Students who receive immunization through the College will be charged a \$10 administration fee per inoculation. Contact the assistant director of student affairs for more information.

SEMESTER FEE

A non-refundable semester fee of \$200 is required for each enrolled student. This fee is part of the general fund and is used to offset the cost of student registration, computer usage, orientation, identification cards and other student services.

GRADUATION FEE

A graduation fee of \$80 is payable when registering for "GRADF" in the final semester.

LATE PAYMENT FEE

Students who fail to make tuition payment on dates agreed to through a deferred payment plan will be charged \$50 for each date missed.

^{*} Participation in a "meal plan" is mandatory for all students living in the residence hall. Please see details on page 12 under "Room and Board."

Payment of tuition and fees is due two weeks prior to the first day of classes of each semester. At that time, students must make payment, in full, using one or a combination of the following methods: check, money order, credit card, federal or state financial aid, Vaughn College of Aeronautics and Technology scholarship or grant, private grant, or a third party payment.

INTERNATIONAL STUDENT BILLING

First-year international students must pay tuition and fees in full by two weeks prior to the first day of classes. In subsequent years, international students 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.

THIRD-PARTY BILLING

You may seek a deferment of payment based on a third-party plan (e.g., employer reimbursement). To do so, you must submit a letter on company letterhead, signed by a benefits officer, stating the terms and conditions for reimbursement. This letter must be presented to the office of student accounts no later than the last day of late registration each semester you apply for a deferment.

PAYMENT PLANS

Vaughn uses a third party to administer the student payment plans. Students who are interested should see the office of student accounts for information. Students who pay their tuition bill in full by cash, check or money order and subsequently withdraw will have their refund calculated according to the tuition refund schedule on page 15. Refund checks are mailed directly to the student's home by the manager of student accounts. Students who have made a partial payment on their bill will have their tuition liability calculated according to the schedule below. A reduction in tuition charges may not necessarily result in a refund and, in some instances, a tuition balance may still be due.

REFUNDS TO STUDENTS WHO WITHDRAW

All students who want to withdraw from courses for any reason must officially notify the College; to receive a refund or credit, they must withdraw during the official refund periods. Students officially withdraw using the add/drop or total withdrawal form, submitting the form in person at the campus' Registrar's Office and/or e-mailing a copy to beatriz.cruz@vaughn.edu. Regular attendance is an essential ingredient for satisfactory academic performance. All students are encouraged to attend their courses on a regular basis and abide by the departmental and course-specific attendance requirements (as provided in course syllabi). Additionally, students are required to attend registered courses at least once during the first three weeks of each semester. Failing to meet this minimum requirement may affect a student's registration in the course(s) for that semester.

Non-attendance in a course, verbal communication with College offices or instructors, or stopping payment on a check or payment plan are NOT official ways to drop classes. The official withdrawal is the only form of withdrawal that qualifies a student for a refund of tuition and nonrefundable fees.

The College's withdrawal procedure applies to all students, including those who receive student loans and financial aid. Withdrawal from school can affect eligibility for financial aid and/or loans, and some students who withdraw, as a result, owe the College money afterwards. These students are liable for amounts due and are billed by the College accordingly.

Program Adjustments and Withdrawal

If you have pre-registered and an adjustment is necessary as a result of failure to successfully complete a prerequisite course(s), you may add, drop or change a course section anytime after the pre-registration period and before the first day of classes, without penalty. Other adjustments must be made during the program adjustment period, usually on or after the first day of classes, and will be assessed the appropriate fee (\$10 per add/drop). Use the add/drop form to make all program adjustments. Because program adjustments may affect your financial aid eligibility, it is important that you refer to the refund schedule in the current catalog, to understand your tuition liability.

Failure to follow the proper withdrawal procedures may result in the student being financially liable for full or partial tuition and fees. Federal financial aid cannot pay student charges for a class or classes the student never attended or stopped attending unless official College withdrawal procedures were followed. Students receiving a *pro rata* reduction of federal student aid when withdrawing

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before 60 percent of the semester is completed may be liable for any outstanding tuition due.

Students withdrawing entirely from the College must complete and file the total withdrawal form with the office of the registrar.

Students who do not officially withdraw from a course will receive one of the following grade codes:

NA—Registered but never attended (100 percent refund given).

WX—Withdrawal due to administrative reasons (excessive absences, stopped attending by midterm, or other). An appropriate Title IV refund calculation will be performed based on last day of attendance.

FX—Withdrawal due to administrative reasons (excessive absences after midterm). Academic penalty will be computed into the grade point average as a grade of "F." Title IV refund will be calculated if the withdrawal is before 60 percent of coursework is completed.

FINANCIAL POLICIES

Payment of tuition and fees is due by the first day of classes each semester. Students must make payment in full, or arrangements to pay with the office of student accounts by that time. Students who register after that date must make payment arrangements to pay at that time. Acceptable arrangements to pay include: evidence of eligibility for financial aid, alternative educational loans, Veteran's Affairs benefits, employer education benefits, the College's or another payment plan, the College's and/or private grants and scholarships. Students who fail to regularly meet their financial commitment after joining a payment plan will be immediately removed from the program and refused participation in subsequent semesters.

Students who make acceptable financial arrangements to cover their tuition with the office of student accounts and make a good-faith effort

to meet their financial obligations will be allowed to maintain their enrollment each semester without interruption.

Failure to meet your financial obligation to the College or may result in any or all of the following actions against you:

- Denial of final grade reports and transcript records
- Denial of permission to register for future semesters
- Denial of participation in commencement exercises (graduating students)
- Denial of receipt of diploma (graduating students)
- De-registration for the semester
- Surrender of your account to a collection agency (affects your credit rating)

Before de-registration, students affected are notified by first-class mail and given 10 business days to take corrective action. Once de-registration takes place, a program adjustment form is sent to the student by first-class mail and the student is dropped from the class roster. This action cannot be reversed; the student is liable for tuition in accordance with the College's refund schedule. A grade of WX is issued.

APPEALS OF FINANCIAL DECISIONS

Students may consult with the vice president for finance and business services regarding the appropriate procedure to appeal a financial determination.

FINANCIAL ARREARS POLICY

Vaughn reserves the right to withhold registration material and all information regarding the record of any student who is in arrears in the payment of tuition, fees, loans or other charges (including charges for activities or services) as long as arrears remain.

TUITION REFUND SCHEDULE

Time of Withdrawal	Fall/Spring Semester	Summer I and II
Prior to the first day of class	100 percent	100 percent
During first calendar week	90 percent	75 percent
During second calendar week	50 percent	50 percent
During third calendar week	25 percent	25 percent
During fourth calendar week	25 percent	0 percent
After 4th calendar week	0 percent	0 percent

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

FALL SEMESTER 2010	
New Student Registration	Mon., Mar. 22 through Tues., Sept. 21, 2010
Continuing Student Registration	Mon., Mar. 22 through Sat., Sept. 4
Labor Day Holiday	Mon., Sept. 6
Classes Begin	Tues., Sept. 7
Late Registration Begins (late fee will be imposed)	Tues., Sept. 7
Tuition Payment Due	Tues., Sept. 7
Program Adjustment Period (add/drop/change)	Tues., Sept. 7 through Tues., Sept. 14
Last Day to Register	Tues., Sept. 21
Columbus Day Holiday	Mon., Oct. 11
Last Day to Withdraw without Academic Penalty	Fri., Oct. 29
Spring Registration Begins	Mon., Nov. 15
Thanksgiving Recess	Wed., Nov. 24 through Sunday, Nov. 28
Classes Resume	Mon., Nov. 29
Exam Period	Wed., Dec. 15 through Wed., Dec. 22
Classes End	Wed., Dec. 22
Winter Recess	Fri., Dec. 24 through Mon., Jan. 17, 2011
SPRING SEMESTER 2011	
New Student Registration	Mon., Nov. 15, 2010 through Tues., Feb. 1, 2011
Continuing Student Registration	Mon., Nov. 15, 2010 through Sat., Jan. 15, 2011
Dr. Martin Luther King, Jr. Holiday	Mon., Jan. 17
Classes Begin	Tues., Jan. 18
Late Registration Begins (late fee will be imposed)	Tues., Jan. 18
Tuition Payment Due	Tues., Jan. 18
Program Adjustment Period (add/drop/change)	Tues., Jan. 18 to Tues., Feb. 1
Last Day to Register	Tues., Feb. 1
Presidents' Day Holiday	Mon., Feb. 14
Last Day to Withdraw without Academic Penalty	Wed., Mar. 9
Spring Recess	Mon., Mar. 28 through Sun., Apr. 3, 2011
Classes Resume	Mon., Apr. 4
Exam Period	Mon., May 2 through Sat., May 7
Honors Convocation	Wed., May 4
Classes End	Sat., May 7
Commencement	Sat., May 14
ACADEMIC SESSION I SUMMER 2010	M
Continuing Student Registration	Mon., Mar. 21 through Fri., May 20
Classes Begin	Mon., May 23
Late Registration Begins (late fee will be imposed)	Mon., May 23
Tuition Payment Due	Mon., May 23
Last Day to Register	Wed., May 25
Memorial Day Holiday	Mon., May 30
Last Day to Withdraw without Academic Penalty	Fri., June 10
Classes End	Fri., July 1
ACADEMIC SESSION II SUMMER 2010	
Continuing Student Registration	Mon., Mar. 21 through Fri., July 2
Classes Begin	Mon., July 11
Late Registration Begins (late fee will be imposed)	Mon., July 11
Tuition Payment Due	Mon., July 11
Last Day to Register	Wed., July 13
Last Day to Withdraw without Academic Penalty Classes End	Fri., July 29 Fri., Aug. 19

RECOGNITIONS

Vaughn College is an independent, not-for-profit corporation, chartered by the Board of Regents of the University of the State of New York as a senior college for the purpose of conducting programs of instruction leading to the master, bachelor and associate degrees appropriate to the curriculum.

Vaughn College curricula are registered by the New York State Education Department under the Regulations of the Commissioner of Education.

The following is the master of science degree program offered at the College with its corresponding HEGIS code number. Enrollment in other than registered or otherwise approved programs may jeopardize a student's eligibility for certain student aid awards.

Master of Science Degree Curricula -

Airport Management

0510

ACCREDITATION

Vaughn College of Aeronautics and Technology is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools, 3624 Market Street, Philadelphia, PA 19104 (telephone: 215.662.5606). The Commission on Higher Education is an institutional accrediting agency recognized by the US Secretary of Education and the Commission on Higher Education Accreditation

APPROVALS

- 1. This institution is authorized under Federal law to enroll non-immigrant students.
- 2. The New York State Education Department has approved Vaughn for the training of veterans.
- 3. The Federal Aviation Administration (FAA), in partnership with Vaughn, has chosen Vaughn as one of 31 institutions nationwide participating in the Air Traffic—Collegiate Training Initiative (AT—CTI) program.

AFFILIATIONS

Vaughn College is associated with distinguished organizations that provide valuable relationships important to the student's educational program, including:

- American Institute of Aeronautics and Astronautics
- The American Society for Engineering Education
- Aviation Technical Education Council
- The Commission on Independent Colleges and Universities
- Council for Engineering Technology in New York state
- Council on Aviation Accreditation
- Flight Safety Foundation
- Hispanic Association for Colleges and Universities
- Institute of Electrical and Electronics Engineers
- International Council for Aerospace Training
- International Federation of Airworthiness
- National Aeronautic Association
- New York Aviation Management Association
- Professional Aviation Maintenance Association
- Society of Automotive Engineers
- The National Safety Council
- University Aviation Association
- Women in Aviation International

RELIGIOUS HOLIDAYS

Vaughn College, in recognition of the various religious faiths represented on campus, provides that a student absent from class because of his or her religious beliefs, shall not be penalized for any class, examination or assignment deadline missed on that day(s). A student shall be permitted to make up any exam or classwork or assignment after an absence due to religious observance and no prejudice or adverse effect shall result to any student because of such religious observance. A student who anticipates being absent for religious observance should notify the appropriate faculty member in advance.

ACADEMIC DEFINITIONS

The following are academic definitions used by Vaughn:

- An associate of applied science or a bachelor of science degree or a master of science degree refers to the degree program that will be awarded upon successful completion of all requirements relating to the degree program.
- Curriculum refers to the specific courses of study that need to be completed in order to be awarded a degree.

ACADEMIC ADVISING

The academic progress of students is of primary concern to every member of Vaughn College's faculty and staff.

From registration through graduation, the guidance and progress of the student is the responsibility of the office of academic affairs, the office of student affairs, the student advisement center and the faculty advisors. Students may seek their advice and counsel at any time throughout their studies at Vaughn.

Successful performance at the College depends in part upon proper scheduling. In order to assure that subjects are completed in logical sequence, schedule advisement is provided during each registration period by department and is reviewed together with the student's objectives and abilities. Realistic academic goals are established for the immediate semester and the overall course of study. The pattern of prerequisites has been designed to assist students in planning their programs.

Changes in schedules or programs require further consultation with the advisor and the department chair.

Faculty members are the first and most important advisors in academic matters and should be consulted frequently both in and out of the classroom. Consultation hours are scheduled by faculty and professional advisors. Each student is personally responsible for consulting with his or her advisor at least twice each semester. Department chairs and officers of Vaughn may be consulted should the student feel that their assistance will be beneficial.

The assistant vice president of academic support services and the services of the Academic Resource Center (ARC) are also available to assist

students in obtaining registration materials and guidance in completing the registration process. Students who are on academic probation are required to use the services of the Academic Resource Center to incorporate academic support, as part of a study plan, into their course schedule.

ACADEMIC SUPPORT SERVICES

The office of academic support services has a number of support units available to students. These units include the Academic Resource Center (ARC), the Writing Center, Language Lab and the Student Advisement Center (SAC).

Student Advisement Center (SAC)

The Student Advisement Center (SAC) is an integral part of the Academic Support Services at Vaughn College and is a center committed to fostering a SMART—Standardized Method of Advising, Retaining and Training—driven environment enables our student body to flourish academically, personally and professionally. The SAC is designed to provide students with practical solutions, from the point of admission to graduation, in achieving academic success and maintaining matriculation.

Academic Resource Center (ARC)

Pursuing an education requires time and commitment, and there are many occasions when extra academic help and support are needed. The Academic Resource Center (ARC) offers a variety of services, including computer tutorials, audio/video aides, reference textbooks, language lab, remediation library, and a quiet study area. These services help students to improve their academic performance and supplement their education. All Vaughn College students are encouraged to take advantage of the support services available at the ARC.

Writing Center

Assistance and technical support for writing is available at the writing center. The center provides students with writing counseling, electronic resources, workshops geared toward writing and writing mentoring. The center will serve as an asset to all classes help students to prepare for their future careers.

Computer-Aided Instruction

Computer-aided instruction offers students a selfhelp program using computers. Software packages include topics such as computer-aided drafting, computer-aided developmental mathematics, English, and English as a second language. Each package contains programs at various levels of difficulty. Computer-aided instruction enables students to expand their knowledge and understanding of a particular subject or simply to get help with course studies and assignments.

Audio-Visual Library

Instructional tapes covering mathematics, science, English and a variety of aviation and aerospace-related subjects are available for individual and small-group viewing in the ARC screening section. They range from general aeronautical information to more specific, detailed topics. The viewing of these tapes may be required for some classes.

Language Lab

The language lab offers students the opportunity to practice the foreign language being studied. The lab provides students with supplemental materials such as audio/visual programs, interactive computer-language applications and assistance with English as a Second Language (ESL).

Workshops

Members of the faculty and staff conduct workshops geared toward the student and college life throughout the academic year. These lectures are not a part of the general curriculum. They cover topics such as studying effectively and time management.

ATTENDANCE POLICY

All students are encouraged to attend their courses on a regular basis and abide by the departmental and course-specific attendance requirements (as provided in course syllabi). Additionally, students are required to attend registered courses at least once during the first three weeks of each semester. Failing to meet this minimum requirement may affect registration in the course(s) for that semester. If a student does not meet the minimum attendance requirement, he or she will be informed by the registrar's office regarding the attendance status and appropriately advised thereafter by the student academic support services department.

ACADEMIC STANDARDS, CATEGORIES AND PROCEDURES

- *Good academic standing:* Students must earn no less than a 3.0 grade point average (GPA) to graduate. Students earning a 3.0 grade point average (GPA) or better and making progress towards their degree are considered in good academic standing.
- *Warning:* Any student who, in any one semester, earns a GPA of less than 3.0 or does not complete 60 percent or more of attempted credits in any one semester, will be notified of his/her standing. He or she will be required to have the registration form signed by the chair of the department under which his or her program falls and will be recommended to meet with the assistant vice president of academic support services or a representative.
- *Probation:* Any student who, in two consecutive semesters, earns a GPA of less than 3.0 or does not complete 60 percent or more of attempted credits will be notified of his or her standing. He or she will be required to have the registration form signed by the chair of the department under which their program falls and to meet with the assistant vice president of academic support services to arrange weekly meetings to resolve academic problems.
- **Extended Probation:** Students' whose semester GPA remains below the minimum requirements for more than two semesters may be continued on extended probation only if their cumulative GPA is greater than 3.0.
- Suspension: Any student who, in three consecutive semesters, earns a cumulative GPA of less than 3.0 or does not complete 60 percent of attempted credits will be automatically suspended pending an appeal to the academic standards committee. At that time the committee may issue requirements regarding credits and courses to be taken.
- Students will not be allowed to register for a course more than two times without permission of a department chair. Students who fail any course three times will automatically be suspended pending an appeal to the academic standards committee.
- All failed subjects must be repeated during the following semester. The student may be allowed

to schedule advanced subjects if all prerequisites are met, or may be allowed to repeat subjects already passed to raise the average, if approved by the academic standards committee.

- If a student is suspended and, upon appeal, receives approval from the academic standards committee to register, he or she is considered on probationary status. If the overall GPA is less than 3.0 and remains less than 3.0 despite a greater than 3.0 GPA for the semester he or she re-entered in, and continues to receive a term GPA of less than 3.0, the student is now on extended probation.
- Academic Dismissal: If a student, after an appeal to the academic standards committee, is allowed to register and continues to receive a term grade point average of less than 3.0, the student will not be allowed to re-enroll until he or she has demonstrated improved academic performance by taking at least nine credits at another institution and attaining at least a 3.0 GPA for those courses.
- Incomplete: Subjects must be completed to the satisfaction of the faculty member within one semester.
- *Issues:* Students must address all issues related to academic progress to the academic standards committee for review. Once the committee issues its decision or recommendation, if unsatisfactory, students may appeal the decision to the vice president of academic and student affairs. The vice president's decision is final.

ACADEMIC STATUS

A matriculated student is one who has been accepted into and is pursuing a program consisting of a sequence of subjects leading to a degree.

An admitted student is considered a conditional matriculant until the receipt of all admission documents. Registration for advanced subject matter requires the completion of prerequisites.

Students who wish to audit classes must obtain written permission from the appropriate department chair. Auditing students may attend selected classes, but will not receive credit. They will not be required to write examinations or to satisfy prerequisites.

A student may be removed from matriculated status and placed in non-matriculated status for academic deficiencies.

ACADEMIC PERFORMANCE

The faculty evaluate students as they progress through their studies. The faculty make formal student evaluations twice during each term: at mid-term a P (pass) or F (fail) grade is given, and a letter grade is issued for the final grade.

ADVANCED STANDING, TRANSFER AND PRIOR LEARNING CREDIT

Vaughn will consider granting a maximum of six transfer credits (advanced standing) for equivalent studies completed at other accredited institutions. These studies must meet the College's standards.

Applicants seeking transfer credit must submit official transcripts of their previous education and the appropriate catalogs describing these credits. The documents should be filed in the admissions office at the earliest possible date.

Transferring students must have a 3.0 grade point average (GPA) or better to transfer a course. Students seeking transfer credit may confer with the department chairs no later than the student's registration day to discuss his or her status and establish an academic schedule.

The respective department chair's approval is required for transfer credits (advanced standing) given in that department.

If a student anticipates transfer of credit for a particular course, he or she should be discouraged from enrolling in the same course. If a student elects to enroll in the course for whatever reason (e.g. obtain full-time status for financial aid, increase GPA, etc.), transfer credit will no longer apply. The academic grade will be the grade of record. If the student withdraws from the course or receives a failure in the course, he or she will have to re-take the course at Vaughn College.

ACADEMIC HONESTY POLICY

Vaughn College is committed to ensuring quality and integrity in all its academic and evaluative activities. A learning environment that promotes high academic standards is beneficial to students and faculty alike. Academic dishonesty of any form is in opposition to the values and mission of the institution and will not be tolerated.

ACADEMIC APPEALS

Students concerned about their grade in a given course should first try to resolve the issue with their instructor and explain their concerns about the grade, asking for a resolution.

If unsuccessful, the student should contact the academic department chairperson. In writing, the student must detail his or her argument for a grade change, specifically identifying and documenting those factors (other than academic performance) which the student believes affected his or her grade. The student must submit this written statement no later than 30 days from the start of the fall or spring semester directly following the semester in which the grade in question was assigned. The chair will forward this statement to the instructor and then meet with the instructor and the student to mediate the dispute. The student will receive a written reply from the department chair within 15 days from receipt of the appeal.

If the problem is still not resolved, and the student wishes to continue the petition, he or she may make an appeal in writing to the academic standards committee. The committee shall begin with the presumption that the original grade was assigned correctly and the burden of proof will lie with the student. If the committee determines the grade assigned was based on factors other than the student's academic performance in the course, the committee may determine a new grade and submit a change of grade form.

If the student does not find the committee's decision satisfactory, he or she may petition the vice president of academic and student affairs, in writing. The vice president will review the decision of the committee and may let the committee's decision stand or may reverse it and resolve the problem utilizing the academic rules and standards of the College. The vice president will then forward the final decision to the student, as well as to the registrar's office.

DEFINITION OF ACADEMIC CREDIT

COLLEGE CREDITS

College credits are granted for successful completion of courses offered by the arts and sciences, engineering and technology, management and aviation departments.

One credit toward graduation is granted for each 15 hours of lecture or 45 hours of laboratory per semester. Students should allow two preparation hours for each lecture hour.

Transfer credits refer to those subjects for which credit is earned at another college or by non-traditional methods.

CREDIT LOADS

The maximum credit load allowed in the fall or spring semester for full-time students is 15 credits. The maximum credit load during a summer semester is 6 credits. Approval from the assistant vice president of student services is required to register for more than the maximum credit load. Students on academic probation are assigned to a reduced load maximum during the probationary period.

An advisor's approval does not mean that a course may be substituted to fulfill a degree or program requirement. In cases where one course is to be substituted for another, official approval must be granted by the department chair and documented on an evaluation form located in the registrar's office.

INCOMPLETES

A grade of "I" (incomplete) is to be awarded very rarely, only when the student has not completed a small portion of the coursework due to exceptional circumstances. Granting of this grade is up to the discretion of the instructor but is not recommended when a student has not completed significant portions of course tasks. The instructor must notify the department chair.

A signed "Change of Grade" form must be submitted to the registrar's office no later than the end of the semester immediately following the semester in which the student received a grade of "I." For example, for an "I" grade received in the spring or summer semesters, the grade change form must be submitted by the end of the following fall semester, and so on.

Failure to complete the course work in a timely 21 fashion and to the satisfaction of the instructor will automatically result in the conversion of "I" grade to the grade of "F" (failure).

GRADE CHANGE POLICY

Grade changes from "F" are generally not permitted. Students receiving final grades of "F" must repeat the course. Under extenuating circumstances, requests will be handled through the vice president of academic and student affairs.

Due to certain extraordinary circumstances (make-up assignments, retesting, clerical error, etc.), a student may request a grade change. If a student received a previous grade of A, B+, B, or C and wishes to receive a grade change, he or she must formally initiate an academic appeal. If the appeal is approved, the student must fill out an official "Grade Change Request" form. The form must be submitted to the instructor of the course in question

Once the instructor signs the form, it must then be submitted to the department chair for approval and signature. The department chair will then sign the form and forward it to the vice president of academic affairs for approval. The vice president's signature (as well as the signature of the instructor and department chair) must appear on the form before it is sent to the registrar's office for processing. The proper paper work must be submitted to the registrar's office no later than the end of the fall or spring semester directly following the semester in which the grade in question was assigned. Grade change requests after this time requirement will be denied.

REPEATING A COURSE

If a student repeats a course, both grades will remain on the student's record. However, only the last grade received in the repeated course will be computed into the student's grade point average.

DEGREE PROJECT/DEGREE THESIS

Candidates for a master's degree in airport management must complete a final project or a comprehensive research project before the end of their last semester. Students must register their project or thesis with their academic adviser/chair no later than the first week of the final semester.

Students who have received a final grade of "F" (failure) for the final project or course may not receive a grade change. Under extenuating circumstances, students can appeal to the academic standards committee.

GRADUATION REQUIREMENTS

Graduation is recommended to the board of trustees by the faculty upon completion of the following criteria:

- 1. A cumulative grade point average of 3.0 or higher must be attained.
- 2. All assigned work must be completed satisfactorily.
- 3. The degree project requirement must be satisfied.
- 4. Transfer students with advanced credit must complete 30 credits in residency.
- 5. All financial obligations must be satisfied.
- 6. Graduation application requirements completed as listed under "Applying for Graduation."
- 7. Students must complete all academic course requirements in their degree program.
- 8. Students must complete exit interviews with the director of financial aid within 15 working days from when the completed application is received.

In cases where a course is no longer offered, the department chair may make course substitutions. Students should consult with the department chair and the office of the registrar to determine which courses may be used as electives in his/her major.

APPLYING FOR GRADUATION

Students must:

- 1. File a "Degree Declaration" form with the registrar's office. All degree declaration forms must be returned to the registrar's office the semester prior to the last semester in which they are planning to graduate. For example: students applying for May graduation must file no later than October 1; for December graduation, no later than July 1; for September graduation, no later than March 1.
- 2. Register for "GRADF" on their registration form. There is a \$80 graduation fee.
- 3. Graduation of candidates with more than six outstanding credits, or who have not filed by the deadlines stated above will be postponed until the next graduation date.

COMMENCEMENT

Candidates who participate in the spring commencement are still considered potential graduate candidates. Degrees are finalized and conferred upon a final academic and financial review to be determined at a later date, if necessary. To expedite publishing of the commencement program, cumulative grade point averages may not reflect the semester prior to commencement.

Vaughn College allows potential graduate candidates to participate in commencement ceremonies. However, candidates who participate in the spring commencement ceremonies does not imply conferral of a degree. Graduates must complete all requirements as stated under "Graduation Requirements" on page 22.

GRADING SYSTEM

Grade	Standard		Credit Points	Other	Marks
A	(90-100)	Excellent	4.0 Credit Points	AU	Audit, No Credit
B+	,	(85-89)	3.5 Credit Points	NG	No Grade Given
В	(80-84)	Good	3.0 Credit Points	P	Pass
C+	,	(75-79)	2.5 Credit Points	PE	Pass/Exempt from
C	(70-74)	Average	2.0 Credit Points		next level of remediation
F	Below 70	Failure	0 Credit Points	S	Satisfactory
I	Incomplete—No	ot Computed in Inde	ex	U	Unsatisfactory
	NA	Registered but r			
		attended			
C . 1				W	Official Withdrawal
Codes				WX	Withdrawal due to administrative
AL	Credit by Airframe Certificate			11 21	reasons (excessive absences or
APCR					•
	APL Credit by Airframe and Powerplant			EX	other)
Certific				FX	Withdrawal due to administrative
CE	Credit by Examin				reasons (excessive absences after
CL		icense or Certificate			mid-term or other—academic
PL	Credit by Powerp	lant Certificate			penalty—computed in index)
Н	Life Experience				1 7 1
FCC	Credit by FCC Lie	cense			
NC	No Count				
T	Transfer Credit				
WV	Waiver				

Grade point average (GPA) is computed by multiplying the number of quality points by the number of credits of the course. Total number of quality points is divided by the sum of total credits passed and failed to obtain the grade point average. Developmental and special courses carrying credits and receiving pass, pass/exempt or unsatisfactory grades are not computed into the GPA.

Example of a Computed Grade Point Average:

Courses Taken	Credits	Grade	Quality Points
English	3	B (3.0 points)	9
American Government	3	A (4.0 points)	12
Calculus	3	B (3.0 points)	9
Physics	4	B (3.0 points)	12
Total	13		$42 \div 13 = 3.2 \overline{GPA}$

STANDARDS OF ACHIEVEMENT

In all curricula, the student must maintain a rate of progress satisfactory to the faculty. Achievement in course assignments must meet established standards. Regular attendance is a basic requirement.

Admission standards are designed to provide an opportunity to all interested students. Performance standards make certain that each student takes full advantage of this opportunity while assuring the competence of all the College's graduates. Academic assistance is available to help each student attain satisfactory performance levels.

ENROLLMENT STATUS

Vaughn's academic semester schedule provides for a fall semester of 15 weeks, a spring semester of 15 weeks, and two summer sessions of six weeks each. Examination periods are scheduled during each semester and each summer session.

FULL-TIME ATTENDANCE

Full-time students planning to graduate in the minimum time should plan to complete 28 credits in each calendar year. A minimum of 12 credits of study must be scheduled each fall and spring semester for full-time financial aid certification. Students who elect the minimum full-time schedule are advised that summer attendance is essential if they are to make progress toward graduation.

CLASS SCHEDULES

Classes meet Monday through Saturday.
There are scheduled breaks and observed holidays during each semester. Consult the academic calendars on pages 16 and 45.

ABSENCES AND LATENESS

Regular attendance is essential for satisfactory academic performance. A student must attend all registered courses at least once during the first three weeks of class. Failing to meet this minimum requirement may affect your registration in the course(s). Students are also advised that additional attendance requirements may be mandated depending on the faculty member and/or the department from which a particular course is taken. All

absences from Vaughn College degree programs must be excused by proper documentation. The final grade in any subject may be reduced in proportion to the number of unexcused absences. Excessive absence will result in suspension.

ADDING AND DROPPING COURSES OR WITHDRAWAL

A student registered for any term who wishes to adjust his or her schedule or discontinue studies entirely, remains registered, whether or not classes are attended, until he or she officially withdraws from the course or the College.

In both instances, the student must complete the College's add/drop form, available in the office of student accounts or office of the registrar, and have it approved and signed by a faculty or staff advisor. Additional approval might be necessary in cases where:

- If dropping a course affects financial aid, the add/drop should be approved by a representative of financial aid and/or a student accounts representative;
- 2. Late registrants need additional approval from the instructor teaching the course or the department chair in order to determine eligibility;
- 3. If a student never attended the course or stopped attending before the date of the add/drop transaction, faculty must sign the add/drop form stating that the student never attended or provide the student's last date of attendance;
- 4. If a student is considered remedial or academically at risk, approval from a representative of the academic resource center and/or department chair is necessary.

The office of the registrar may reject a program change if the add/drop form is not submitted within the appropriate period. (See the calendar or registration material for last day to withdraw and for the last day to add/change classes.)

Students who are withdrawing entirely from the College must fill out a total withdrawal form. Before withdrawing, students must seek approval by the vice president of enrollment services or the director of financial aid, or international student advisor (if applicable), and student accounts before submitting the form to the office of the registrar. To clear all financial obligations, the add/drop form and student clearance/exit form must be approved and signed by representatives of the financial aid office, library, student accounts and student services. The student identification card must be surrendered to the student services office at the time the student clearance/exit form is approved. (See "Refunds to Students Who Withdraw" on page 14.)

The date on which these forms are completed and approved by the office of the registrar will constitute the date of change or withdrawal for the student. In cases where the student disputes the withdrawal date, the office of the registrar will initiate an attendance check. The office of the registrar will request the faculty to supply the student's last dates of attendance. The length of the attendance check process may vary depending upon faculty availability, record access, and/or supporting documentation from outside sources.

COST OF SCHEDULE CHANGES

If a student pre-registers, any program changes (add/drop) made before the first day of the semester will be free of charge. Otherwise, any program changes, including changing sections, will be \$10 per add/drop form.

Students will not be charged an add/drop fee if a course is canceled.

ADMINISTRATIVE WITHDRAWALS

Vaughn will withdraw a student from class in the following situations:

- 1. Fails to meet proper immunization requirements/documents (refer to page 28, "Immunization");
- 2. Disciplinary reasons;
- 3. Fails to meet tuition/financial obligations;
- 4. Discontinued attendance in class*;
- 5. Remedial students exceed the 12-credit course load limit;
- 6. Students on military leave must supply the College with a copy of military orders for student records and possible tuition adjustment.
- * Refer to page 24, under "Grading System" to determine which grade is applicable: NA, WX, or FX, or page 14, "Refunds to Students Who Withdraw."

Depending on the administrative withdrawal date, the student's account may or may not be pro-rated (refer to page 15, "Tuition Refund Schedule").

Withdrawal Period

Students who withdraw before eight weeks have passed in a regular semester are considered to have withdrawn. They will receive a final grade of "W" on their transcripts.

Withdrawal after this period is permitted only in unusual circumstances, which requires the approval of both the vice president of academic and student affairs and the registrar's office.

MAINTENANCE OF MATRICULATION

Students who need to take a leave of absence (in mid-semester or otherwise) must file a maintenance of matriculation form in the registrar's office.

Students wishing to keep their status as matriculated while on their leave of absence (one semester) pay a maintenance of matriculation fee of \$50 per semester upon taking their leave of absence. Under these circumstances, a re-entry fee is not required. Students can maintain their matriculation for up to two consecutive semesters.

International students who have been issued an I-20 or students with outstanding tuition balances cannot maintain matriculation. Eligible students wishing to maintain matriculation must submit their fees and forms in an appropriate time frame.

TOTAL WITHDRAWAL

A student who registers in a given term and decides to discontinue from all his or her classes must submit a total withdrawal form. This form must be approved by the office of student affairs where he/she will also be interviewed and counseled by financial aid, student accounts and the registrar.

Once the total withdrawal form is completed and received by the appropriate offices, the student's financial account will be adjusted according to the date of submission, not the student's last date of class attendance. (Refer to the "Tuition Refund Schedule" on page 15 for additional information.)

MATRICULATION

Upon acceptance to Vaughn, the applicant is approved and a matriculation notice is issued by the admissions office. The chair of the management department will consider individual requests for admission on a conditional basis.

Candidates who must clear deficiencies in their application should seek the advice and guidance of an admissions counselor. All conditions must be removed within the period prescribed by the director of admissions. The granting of matriculation imposes on the student the obligation to notify the College in writing of all changes in status, including withdrawal from courses or withdrawal from the College.

IMMUNIZATION

New York state law requires all students born on or after January 1, 1957 and taking six or more credits to demonstrate immunity to measles, mumps and rubella (German measles).

Failure to submit proof of immunity to the College may prohibit a student from registering for classes. Immunization status will be checked as part of the registration process.

Students not in compliance 45 days after the start of classes may not be permitted to continue classes and will be de-registered for the semester. The assistant vice president of student affairs is available to answer questions students may have concerning immunization requirements.

Documents providing proof of immunity should be submitted in the English language.

RE-ENTRY POLICY

A student seeking re-entry to the College after one or more semesters (excluding summer sessions) without maintaining matriculation must submit a completed re-entry form with a \$75 fee to the admissions office for consideration. (See this page for procedures to maintain matriculation.) The re-entry fee is not refundable.

Tuition for re-entry students is based on rates listed in the current catalog. A non-refundable tuition deposit of \$100 is due and payable prior to registration.

The admissions office will notify the student regarding his/her re-admission status. All previous financial obligations to the College must be reconciled before re-entry can be considered.

TRANSCRIPT OF RECORD

Official transcripts bear the seal and an authorized signature of the College. Requests for transcripts must be made in writing to the office of the registrar and be accompanied by a fee of \$5 per copy. Transcripts are issued within 10 days, except during the beginning or ending of each semester when additional time should be allowed.

Transcripts marked "Student Copy" follow the same procedure as above. Students wishing to obtain their personal transcript may only obtain a student copy. Official transcripts are either mailed to another designated address or sealed for pick up.

Vaughn reserves the right to withhold a copy of a student's grades and transcript until he/she has paid in full all of his/her financial obligations to the College.

COMPLETING YOUR PROGRAM

Vaughn College offers the full-time student an opportunity to earn a master's degree in as little as three consecutive semesters. The part-time student usually completes the degree requirements in six or more semesters.

The College's semester system makes it possible for each student to select a suitable starting date in the fall, spring or summer. Exact dates may be found in the graduate academic calendars on page 16 and 45.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT

Annually, the College informs students of their rights under the Family Educational Rights and Privacy Act (FERPA) and the relevant regulations. FERPA provides that:

- 1. Each student has a right to inspect and review his or her educational records and may request that any such record be amended if he or she believes that it is inaccurate, misleading or otherwise in violation of his or her right to privacy;
- 2. The College will obtain the student's written consent prior to disclosing personally identifiable information from the student's educational records, unless such consent is not required by FERPA; and
- 3. Each student has a right to file a complaint with the Family Policy and Regulations Office of the Department of Education, if the student feels

Department of Education, if the student feels the College has failed to comply with FERPA. Further information regarding FERPA policies at the College may be obtained from the registrar's office.

Consistent with FERPA, the College designates several categories of student information as "directory information," which may be disclosed for any purpose at the discretion of the College, unless such disclosure is specifically prohibited by the student as detailed below. Directory information shall consist of a student's name, address(es), dates of attendance, classes (including dates), honors and awards.

At the beginning of the academic year, a student may request in writing from the registrar's office that directory information not be released. Such requests are valid only for that academic year. The College disclaims any and all liability for inadvertent disclosure of directory information.

VAUGHN COLLEGE GRADUATE DEGREE PROGRAM

AIRPORT MANAGEMENT MASTER OF SCIENCE (MS) DEGREE

Degree Objectives

The master of science degree in airport management applies modern management concepts to the aviation environment. The program consists of 33 to 34 credits.

This degree will provide juior- or mid-level professionals with the skills and knowledge to advance in airports and airport-related businesses. It will raise awareness of and enhance skills related to safety issues in the airport environment. It will address the demand for professional managers, which is growing as a result of the need for effective use of scarce resources, heightened domestic and international competition, environmental issues and security concerns.

Depending on a student's academic background, he or she may be required to take one or both of the following basic skills courses: Information Technologies for Managers (2 credits) and Math for Business Applications (2 credits), thus raising the total credits to 37 or 38.

Program Requirements

The master's degree in airport management has at its core 33 to 34 credits in the following areas, and will include a master project or a thesis. Courses are based on the case study approach.

General Management Courses

15 required credits chosen from:

Managerial Statistics
Finance
Organizational Behavior
Occupational Safety
Elective (either Managerial Economics or
Managerial Accounting)

Aviation Courses

12 required credits chosen from:
Airport Planning and Operations
Law and Regulations
Airport Safety
Airport Economics and Finance or
Elective (Marketing and Public Relations,
Environmental Issues or Labor Relations)

Research Courses

6 credits Research Methods

Master's Project

3 credits

or

Thesis

4 credits

Total credits 33 to 34

MANAGEMENT DEPARTMENT ADVISORY COUNCIL

SUSAN M. BAER
The Port Authority of New York and New Jersey

ALICE CHAN, ESQ. Mendes & Mount, LLP

JOHN DEFELICE JFK International Air Terminal LLC Terminal 4 John F. Kennedy International Airport

MOIRA KEANE Federal Aviation Administration

WARREN KROEPPEL LaGuardia Airport

STEVE MIKHLIN '99 Marsh & McLennan

AMIR NASRUDDIN jetBlue Airways

NILS PAELLMANN Deutsche Telekom

GREG PRINCIPATO Airports Council International

CHUCK SELIGA Stewart International Airport (retired)

ALFRED WERNER MacArthur Airport

STUDENTS' RIGHTS AND RESPONSIBILITIES

Students who accept an offer of admission to Vaughn College are expected to be responsible citizens of the College community. Students have a corresponding right to expect that their freedom to learn and develop as individuals will be respected. To preserve these rights and to delineate responsibilities, policies and regulations have been developed to shape the life of the campus community. These policies and regulations are defined in the student handbook, which is available from the office of student affairs.

STUDENT SERVICES

The office of student services is committed to the development of the individual as a whole person. Its professional staff will assist or refer students needing help with personal or professional issues throughout their years of study.

The office of student services acts as the advocate for all students at the College with the objective of making their experience at the College as positive as possible. Students are encouraged to visit the office of student services to ask questions or voice concerns about personal and social issues.

The office of student services oversees orientation, housing, health and immunizations, commencement and convocation ceremonies, student identification cards, locker rental, parking stickers, international student services and services for students with disabilities.

The office of student affairs oversees the campus code of conduct and student grievances. It is also responsible for publishing the student handbook.

STUDENT ACTIVITIES AND DEVELOPMENT

The office of student services works with student government, student clubs and organizations, and interested students who plan programs and activities for the student community on campus. The programs and activities presented to the students are an integral part of the educational and leadership development experiences at the College. Through a broad array of cultural, social,

recreational and educational programs, students are provided with an important opportunity for enriching their college experience.

Vaughn promotes a large and varied program of extracurricular activities which offers students a means of supplementing their formal classroom education. Students who are interested in planning programs or becoming involved in activities should contact the office of student services.

STUDENT GOVERNMENT ASSOCIATION

The Student Government Association (SGA) is primarily concerned with the quality of student life on campus. It carries the concerns of its constituency, the student body, to the administration and is the voice of the student body. It serves students as the liaison to the administration, coordinates social programming, and provides a system for co-curricular involvement through many clubs and organizations.

SGA meets on a regular basis and encourages all students to attend meetings and become involved

STUDENT CLUBS AND ORGANIZATIONS

Vaughn College supports a variety of student organizations. Activities are moderated by members of the faculty and staff. Students interested in joining should contact the office of student services.

AMATEUR RADIO CLUB

This club is designed to teach and train future ham radio operators. The club networks with other ham radio operators throughout the US and attempts overseas communications. All club members are encouraged to obtain a ham radio license to operate equipment. The club teaches its members the ethics and regulations of ham radio operations.

AVIATION EDITORS REACHING OUT ASSOCIATION (Club AERO)

Club AERO was established to express concerns and views of the student body through the use of effective writing in a student newspaper. Club AERO also promotes the importance of communication through aviation-related journalism.

CARIBBEAN CULTURE CLUB

This club was established by students for the purpose of creating a medium in which its members could unite as one voice. The Caribbean Culture Club aims to share and celebrate the diversity of cultures of its members. Although most members are of Caribbean descent, this club welcomes people of all backgrounds.

CHESS CLUB

This student-formed club was created to teach the Vaughn Community how to play chess and to give an arena for students to congregate and socialize. The Chess Club holds tournaments throughout the year for friendly competition that is open to students, staff and faculty.

CIRCLE K

This club was created to provide community service and outreach opportunities to Vaughn students and serve as peer leaders for the student body. Circle K also focuses on the improvement of the relationship between students, faculty and peers. Circle K is part of the national Kiwanis organization and Vaughn's chapter is closely supported by the LaGuardia Kiwanis Club.

DANCE CLUB

This club was established to combine each individual's music culture in order to create a form of expression and entertainment through dance.

JAPANESE CULTURE CLUB

This club was created to show students how parts of the Japanese culture have entered the culture and life of many Americans. Any student can join and does not have to be of Japanese ethnicity to take part in the club.

PODCAST CLUB

This club was established by students who are interested in the digital media realm. The Podcast Club promotes communication between students on a more intimate level by creating a community in which students can exchange ideas and interact with one another in a non-prejudicial environment.

RECYCLING CLUB (CLUB R-4)

This club was created by students who wanted to bring green awareness to the College. The purpose of the Recycling Club is to educate the school population about conservation practices, such as recycling and other lifestyle choices that minimize the harmful impacts humans have on the earth.

ROBOTICS CLUB

This club was designed to bring together students with an interest in the field of robotics. Students have the opportunity to design and build robots and participate in local, national and international competitions.

RUNWAY CLUB

This club is an organization designed for fashion enthusiasts who appreciate and follow the trends in fashion. They hold numerous fundraisers that are geared to raise money for charities and club events. The club also hosts an annual fashion show.

PROFESSIONAL SOCIETIES

Distinguished professional societies have chartered student chapters. The student chapters sponsor industry-related field trips and lectures, as well as social activities for all students.

AMERICAN ASSOCIATION OF AIRPORT EXECUTIVES, INC. (AAAE)

The College became a chartered member in 1999. AAAE is designed to help promote, develop and instill professional attitudes in students engaged in the study of airport development, administration, management, operation and related fields of avia-

AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS (AIAA)

Vaughn's chapter of the Institute is one of the oldest student chapters in the country. This chapter offers students an opportunity for worthwhile career contacts and a healthy exchange of views and opinions concerning the aviation and aerospace industries.

HISPANIC SOCIETY OF AERONAUTICAL ENGINEERS (HSAE)

The HSAE has been formed to assist students of various backgrounds in their educational and career pursuits at the College. Its focus is to promote awareness of technological changes within the aviation industry and to encourage students to complete their degree program successfully. The HSAE is dedicated to helping students from their first day on campus through graduation by assisting them with scholarships, job placements and communication with many cities around the world through the Internet.

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)

The student chapter in the IEEE is of particular interest to students in the electronics programs. Members engage in the design, construction and operation of advanced electronic devices and participate in the programs and projects of chapters at other colleges.

SOCIETY OF AUTOMOTIVE ENGINEERS (SAE)

The College's branch of the Society of Automotive Engineers gives the student an opportunity for membership in a professional society dedicated to the technical advancement of all forms of transportation.

THE SOCIETY OF WOMEN ENGINEERS

This society addresses the needs of women attending college and entering the career of aerospace. Membership is not limited to women, however. Any student who is interested in the advancement of women in the aviation industry may join. For more information, contact the office of student affairs.

WOMEN IN AVIATION – INTERNATIONAL (WIA–I)

The College became a chartered chapter of Women in Aviation – International in 1996. WIA–I is designed to help women integrate into what has been traditionally a male-oriented field. The group addresses the needs of women attending the College and entering the aerospace field.

Membership in Vaughn's chapter of WIA-I is open to women and men.

FRATERNITY

ALPHA ETA RHO

Alpha Eta Rho is the international collegiate fraternity for students in the field of aviation. The fraternity serves as a contact between the aviation industry and educational institutions to foster, promote and mentor today's college students towards successful careers in the aviation field.

SPORTS AND FITNESS CENTER

The sports program at the College is specifically tailored to the needs of the student body. It is designed to help the students develop leadership skills and competitiveness while enhancing a healthy spirit of fair play and team unity.

The intramural programs are determined by student interest. Any students who wish to participate should inquire in the student affairs office.

The student fitness center, a health facility with weight training and cardiovascular equipment, has free weights, as well as Nautilus equipment, a StairMaster, treadmill and stationary bicycle.

Students who wish to utilize the fitness center must provide a doctor's note certifying that they had a recent physical exam and are medically cleared to use the center. All users must abide by the posted guidelines for effective and safe use of the center.

INTERCOLLEGIATE COMPETITION

Vaughn College has its own basketball team and soccer team. They are members of the Hudson Valley Men's Athletic Conference. Women compete in tennis as part of the Hudson Valley Women's Athletic Conference. In conference play, Vaughn competes against such colleges as St. Joseph's College, Cooper Union, Webb Institute, the College of Mount Saint Vincent, Sarah Lawrence, Berkeley and Pratt Institute.

NEW YORK CITY

The cultural, spiritual and physical needs of the students are met by the outstanding facilities of New York City. Houses of worship for all faiths are available. Various museums focus on arts, natural history, science and world civilization.

PERSONAL COUNSELING SERVICES

Counseling referrals are available through the office of student affairs as well as the office of academic support services.

Vaughn College does not discriminate on the basis of age, race, color, creed, religion, national origin, citizenship status, gender, sexual orientation, marital status, disability, or status as a Vietnam or other veteran, or for any other category recognized by local, state or federal law.

In the programs, activities, and services offered, including but not limited to admissions, recognition of performance and achievement, which the College provides to students, staff, and applicants, it continually strives to maintain a nondiscriminatory environment. The College has appointed the assistant vice president of student affairs and the assistant vice president of human resources and college services as officials responsible for coordinating efforts with regard to nondiscrimination, including Title IX (gender discrimination and sexual harassment) and Section 504 and the Americans with Disabilities Act (disability discrimination).

Vaughn is committed to promoting an environment for all students, faculty, and staff that is fair, humane and respectful, and that recognizes and rewards students, faculty, and staff performance on the basis of relevant considerations, such as ability and effort. The College expects that all of its members will treat each other fairly and equitably, and without regard to differences such as those described earlier. 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 Vaughn's operations.

While the College makes an effort to prevent discriminatory conduct, there may be instances when an individual or group will feel that they may have been subjected to discriminatory treatment. Any individual or group that feels there may have been discrimination is strongly encouraged to ask for guidance, or file a complaint. Vaughn will take steps to achieve a prompt and equitable resolution of any complaints. However, the College's effectiveness in handling instances of discrimination or harassment depends upon an individual raising concerns as early as possible.

Discrimination and harassment, particularly sexual harassment, can occur in many ways, either intentionally or by accident. It can involve conduct that is insensitive or derogatory, demeaning, or threatening, and can affect one's education, performance, personal interactions and work. It is not tolerated at the College and is covered by Vaughn's grievance procedure.

The College's policies on harassment and discrimination are fully defined in the student handbook, which is distributed to all students, and is available through the office of student affairs.

BIAS-RELATED CRIMES

New York state law requires that Vaughn College informs students about the Hate Crimes Prevention Act of 2000 (article 485) and how hate crimes, also known as bias-related crimes, can be prevented on campus. Copies of this policy and the New York law are available from the department of student affairs for all current and incoming students and employees, as well as to prospective students and employees upon request.

A bias-related crime, also known as a "hate crime," is a criminal offense committed against a person, property, or society that is motivated, in whole or part, by the offender's bias against a race, religion, disability, sexual orientation, or ethnicity/national origin. Bias-related offenses occur when persons are harassed, annoyed, threatened, alarmed, or subjected to physical contact because of race, color, religion, national origin or sexual orientation.

Colleges and universities strive to bring together students from all types of cultural backgrounds and to provide an environment in which they might interact and learn from one another. As a result, students enter college with different experiences, backgrounds, and characteristics, and interact with one another, often for the first time, within the college environment. This can lead to discomfort, distrust, and even hostility. This most commonly manifests itself in the form of name-calling, stereotyping, graffiti or other vandalism, or physical assault.

Penalties for bias-related crimes are very serious and range from fines to imprisonment for lengthy periods, depending on the nature of the underlying criminal offense, the use of violence or previous convictions of the offender.

Hate/bias crime incidents that rise to a felony level are reported to the Division of Criminal Justice Services in Albany. When a person is convicted of a hate crime and the specific offense is a violent felony offense, the hate crime shall be deemed a violent felony offense.

When a person is convicted of a hate crime and the specified offense is a misdemeanor or a class C, D or E felony, the hate crime shall be deemed to be one category higher than the specified offense the defendant committed, or one category higher than the offense level applicable to the defendant's conviction for an attempt or conspiracy to commit a specified offense, whichever is applicable.

When a person is convicted of a hate crime and the specified offense is a class B felony:

- (a) the maximum term of the indeterminate sentence must be at least six years if the defendant is sentenced pursuant to section 70.00 of this chapter;
- (b) the term of the determinate sentence must be at least eight years if the defendant is sentenced pursuant to section 7.01 of this chapter;
- (c) the term of the determinate sentence must be at least twelve years if the defendant is sentenced to section 70.04 of this chapter;
- (d) the maximum term of the indeterminate sentence must be at least four years if the defendant is sentenced pursuant to section 70.05 of this chapter; and
- (e) the maximum term of the indeterminate sentence or the term of the determinate sentence must be at least ten years if the defendant is sentenced pursuant to section 70.06 of this chapter.

When a person is convicted of a hate crime and the specified offense is a class A-1 felony, the minimum period of the indeterminate sentence shall be not less than 20 years.

Non-felony hate/bias crime incidents may be adjudicated through the Campus Policies and Regulations Governing Conduct as outlined in the student handbook. Sanctions imposed by the College may include suspension and expulsion depending on the severity of the crime. The College retains the right to pursue discipline for felony and non-felony violations of the law per policies outlined in the student handbook.

All incidents of bias-related crime should be immediately reported to campus security and the assistant vice president of student affairs. The victim may bring a complaint either through the College judicial system or in criminal courts, or in both.

Vaughn will make every reasonable attempt to help any student who is a victim of an alleged biasrelated crime to change his or her academic or resident situations, if so requested. Personal support is available to victims of bias-related crime through the office of student life. This service is confidential and free. The office of student life may also serve as a resource and referral agent to students in the even of a bias-related incident.

In this multi-cultural and multi-ethnic campus community, the College hopes that through educational programs we may be able to help individuals understand and combat negative racial attitudes, religious discrimination and cultural intolerance. Students are informed about bias-related crime prevention measures through various programs that include classroom instruction, new student orientation, and seminars and workshops sponsored by academic support services and student affairs. Information regarding these programs is posted widely on campus and students are encouraged to attend.

Vaughn's policies on bias-related crime are fully described in the student handbook, which is distributed to all students, and is available through the office of student affairs.

STUDENT DISCIPLINE

Students at Vaughn College shall conduct themselves in a manner compatible with the College's mission as an educational institution. Vaughn seeks to foster the transmission of knowledge and the pursuit of truth. Freedom of inquiry and expression are an indispensable component for the attainment of these goals. An assertion of rights or freedoms, however, is balanced by a readiness to assume concomitant responsibilities. Students are expected to recognize the institution's academic purposes, respect the rights of others in the community and accept responsibility and accountability for their own behavior.

Vaughn has developed standards of conduct, which are published in the student handbook and govern student behavior, policies, and procedures to deal with specific conduct issues (computer use, drugs and alcohol, sexual assaults, a judicial code which sets forth the procedures for adjudicating charges of misconduct, a general grievance procedure, and the applicable sanctions for misconduct). Students whose conduct is not in accord with the College's standards of conduct shall be subject to disciplinary measures. Students are required to familiarize themselves with these policies, rules, and regulations. The office of student affairs is responsible for all student disciplinary issues.

HEALTH SERVICES

The College is committed to the whole person—providing health services and recreational opportunities is part of this commitment.

Vaughn's fitness center is a health facility with weight training and cardiovascular equipment, including state-of-the-art Nautilus, free weights, StairMaster treadmill and exercise bicycles.

The fitness center is located on the lower level of the main building, near the cafeteria. Students who wish to utilize the fitness center must sign the Vaughn College Fitness Center Waiver and Release Agreement prior to use of the equipment. For more information, please contact the assistant director of student services.

Student Health Insurance

Vaughn College is pleased to offer a student health insurance plan administered by United Healthcare Student Resources and underwritten by United Healthcare Life and Health Insurance Company. This plan is designed to provide the quality of health care coverage you need at a price suited to a student's budget.

The College would like for all eligible students to have health insurance coverage because inadequate or no coverage could cause a financial burden. If you have been enrolled under another policy, please check their policy to make sure you are still eligible for coverage. Group health plans often do not cover full-time student dependents once they have reached a specific age, or when they are married. In addition, students who have declared financial independence for financial aid may not be covered. We urge students who are covered by a HMO, PPO or similar policy to determine the extent of coverage available while living in New York.

For a full description of coverage including costs, benefits, exclusions, any reductions and limitations, and the terms under which the coverage may remain in force, contact United Healthcare Student Resources at 1-800-767-0700, or visit them on the web at www.UHCSR.com. about food services should contact the office of student affairs.

STUDENT HANDBOOK

The student handbook is a publication of the office of student affairs. The handbook provides current information regarding college policies, procedures and activities. Students are responsible for reading and abiding by the policies outlined in the handbook.

ON-CAMPUS HOUSING

Our three-story residence hall provides accommodations for 200 students. Residents live in either a two-person or four-person suite with a semi-private bath. The residence hall has laundry, study and kitchen facilities in a common area within the building. Residence hall rooms are supplied with a bed, dresser, closet, desk, chair and wastebasket for each individual student. Each room is also equipped with phone and cable TV hookup and computer port.

Students interested in living in the residence hall can visit www.vaughn.edu or contact the office of student affairs.

OFF-CAMPUS HOUSING

The office of student services offers assistance to students and applicants in finding off-campus housing upon request. For a list of local landlords with available rooms and apartments, please contact the assistant director of student services

FOOD SERVICES

The College's cafeteria serves breakfast, lunch, dinner and snacks for students and staff during regular college hours. Students with questions or concerns about food services should contact the office of student affairs.

INTERNATIONAL STUDENT ADVISOR

The international student advisor is available to assist international students in their personal and social adjustment to the College and the American culture. Each new international student is expected to contact the international student advisor as soon as possible after his/her arrival. The international student advisor is available in the office of student services and is the essential source of information regarding immigration. The advisor should also be consulted for help with any special problems that international students may encounter. Contact the office of student services for assistance or more information.

LOCKER RENTAL

A limited number of lockers are available for rent from the office of student services. Students have the option to rent per semester or per academic year. Fees are \$10 per semester, \$15 for both the fall and spring semesters, and \$5 for both summer sessions.

CRIME STATISTICS

In accordance with regulations which require the disclosure of crime statistics, the College makes available all such records upon request. (For more information, contact the office of student affairs.)

The Advisory Committee on Campus Safety will provide upon request all campus crime statistics as reported to the United States Department of Education. For more information, please contact Craig Hauser, assistant vice president for student affairs, at 718.429.6600, extension 221. You can also visit http://ope.ed.gov/security. It is the web site address for crime statistics filed annually by all colleges with the US Department of Education.

CAREER DEVELOPMENT

Vaughn College of Aeronautics and Technology considers the career development of every graduate a primary responsibility. Career counseling is conducted through the office of career development, department chairs and the faculty.

Throughout its history, the College has assisted its graduates in securing meaningful employment that relates to the majors offered. Leaders in aviation, aerospace, manufacturing, engineering design, public utilities, local state and federal government, to name a few, seek the College's graduates.

The office of career development provides ongoing industry updates for both continuing and graduating students. The College is also committed to lifelong learning and advisement on career development issues for its alumni.

Employment opportunities, job prospects, company literature and information are provided through this office as well. Additional information and assistance can be obtained in the College library.

ALUMNI AFFAIRS

Vaughn College of Aeronautics and Technology alumni are active in the United States and around the world.

The nationwide network of alumni has proved invaluable as a resource for the College in its lifelong commitment to current students and all graduates. Their financial gifts contribute to scholarships, faculty development and equipment for the College's laboratories.

Timely announcements about alumni affairs and events can be found on the web site

(www.vaughn.edu), in the alumni e-mail newsletter, or in the alumni publication, *Vaughn College Magazine*. All graduates from every era of this institution—whether the Casey Jones School of Aeronautics, the Academy of Aeronautics, the College of Aeronautics or Vaughn College—are encouraged to attend alumni meetings and events. Contact Kalli Koutsoutis at 718.429.6600, extension 142 or e-mail kalli.koutsoutis@vaughn.edu.

2009-2010 Alumni Association Meetings

Wednesday, September 22, 2010 Thursday, November 17, 2010 Wednesday, January 26, 2011 Wednesday, March 23, 2010 Wednesday, May 11, 2010

All meetings take place at 6 p.m. in the faculty conference room.

Career development guidance and assistance are always available to alumni. Contact Philip Meade, director of career development, at 718.429.6600, extension 189 or e-mail philip.meade@vaughn.edu.

MILITARY CAREERS

Graduation from the College with a minimum of a bachelor degree meets the educational requirements for officer candidate training leading to commissioned status. Many alumni have chosen satisfying military careers as flying officers, flight engineers, navigators, aircraft observers, as well as aviation and aerospace technicians on the basis of their education at the College.

VAUGHN COLLEGE GRADUATE CREDIT COURSES

All courses will be offered in both the fall and spring semesters unless otherwise noted.

MGT500 – RESEARCH METHODS – 3 credits

The course introduces both the techniques of research and the use of available information to better address problems in the airport environment. Research design and methodologies are presented. Additional topics are problem formulation, operational definition, statistical applications and decision analysis.

A style manual for the preparation of a research proposal is introduced. It is designed for the student to develop and demonstrate competency in business research methodology and techniques. This course includes the development of a research proposal.

MGT510 – ORGANIZATIONAL BEHAVIOR – 3 credits

This course is divided into two major components: organization theory and organizational behavior. The first component is macro in nature and focuses on organizational-level problems such as how an organization should be designed (i.e. centralized or decentralized), what strategy it should follow (i.e. integrated or diversified), and how conflict and politics endemic to organizational life can be managed. The second is primarily micro in nature and focuses on individual and group problems such as how to evaluate and reward employees.

The course will help students develop practical skills such as organizational diagnosis, intervention techniques for both small and large groups, dealing with resistance to change, and designing communication programs for organizational transitions

MGT515 - FINANCE - 3 credits

The course is a comprehensive and advanced study of financial analysis, planning, and control techniques for a business entity with emphasis on corporations.

It addresses the theory and practice of financial management and provides a solid grounding in basic concepts of finance, including the time value of money, valuation, portfolio theory, the role of financial markets, asset pricing, and the risk-return tradeoff. This course enables students to develop skills in financial analysis, planning and decisionmaking.

MGT520 - STATISTICS - 3 credits

This course presents the fundamental notions of data presentation and analysis and teaches students to use statistical thinking in the context of business problems. It deals with modern methods of data exploration (designed to reveal unusual or problematic aspects of databases), the uses/abuses of the basic techniques of inference, and the use of regression as a tool for management and for financial analysis.

These statistical techniques are used in further study in business, economics, and finance and applied to business problems. The course is designed to develop students' ability to apply inferential statistical methods and modeling skills to decision making in business. Case studies, spreadsheets, and computer software will be used.

MGT525 – MANAGERIAL ECONOMICS – 3 credits

Economic analysis is applied to all decisions made in every area of management. Principles of cost, present values and interdependent systems are studied, with extensive use of cases from industry.

This course stresses decision making: resource allocation and profit analysis. It introduces quantitative techniques that managers need to utilize in order to facilitate decision making and problem solving. It presents a practical introduction to the important economic principles behind the operation of modern business.

Topics covered include demand and supply analysis, production functions, market structures, production and cost theory, estimation of production and cost functions and the impact of monetary and fiscal policies on aggregate output and inflation, and the Federal Reserve Bank's conduct of monetary policy. These principles are applied to both domestic and multinational organizations.

Students learn how to work with exponents and logarithms, graph linear equations and solve a system of simultaneous linear equations. The course develops skills in graphing functions and ability to understand graphical arguments and solving word problems with an emphasis on applications to management, decision-making and economics.

MGT530 – MANAGERIAL ACCOUNTING – 3 credits

This course introduces the accounting procedures and concepts used to meet the informational needs of management. Stress is placed on the identification, accumulation, reporting and interpretation of cost information for decision making and control in the general context of a manufacturing operation.

In addition, this course enables the student to evaluate and utilize the information supplied to management by the accounting department of a business concern. The purpose of this course is to ensure that the non-accounting major is able to understand and use the accountant's tools.

It covers the fundamental theories, principles and practices in managerial accounting that provide a foundation for further study in finance and other business courses.

The course also introduces the analysis of financial results and emphasizes the vocabulary, methods, and processes by which for-profit business transactions are communicated.

MGT540 – OCCUPATIONAL SAFETY – 3 credits

General principles of safety are studied in a broad context and from the perspective of the federal agencies of Occupational, Safety and Health Administration (OSHA) and the Environmental Protection Agency (EPA) and related regulations.

The course addresses issues of ergonomics, including an overview of the human body's systems and evaluation of the physiological response of the human body to occupational activities with emphasis on task design; the use of biomechanics in the evaluation and design of work activities.

It also examines the basic concepts of industrial hygiene and the role of human factors in the workplace with particular emphasis on their relationship with safety.

The course evaluates different training systems and their design and effectiveness in training operations based on the principles discussed in the course.

MGT545 – AIRPORT PLANNING AND OPERATIONS – 3 credits

This course covers issues in airport planning and its importance to smooth aviation operations. Duties and responsibilities of airport managers in the context of government regulations, safety and security issues and environmental constraints are examined. The course also includes educational tours of major airports.

It introduces practical ideas on major aspects of airport design and construction and helps planners to develop the needed infrastructure for moving people efficiently and cost-effectively. It addresses such issues as noise abatement and air pollution, the politics of airport development, and the integration of connecting transportation modes.

MGT550 - AIRPORT SECURITY - 3 credits

This course instructs students in the steps necessary for airport managers to maximize safety and security at their facilities.

It provides an understanding of airport security requirements, rules and regulations; forming an airport security planning team; developing an airport master plan security annex; coordinating the airport security plan with a crisis and contingency plan.

The course provides information on identifying assets, assessing threats, risks and security risk management options, and preparing security risk management plans. Airport character-istics and vulnerabilities are identified, as are the impacts of passengers and visitors on security. The relationship of hangars, locks, perimeter controls, lighting, signage and other identification systems to airport security is also discussed.

MGT555 – AIRPORT ECONOMICS AND FINANCE – 3 credits

This course provides a comprehensive analysis of airport economics and financial management. Principles of macro- and micro-economics will be addressed as they pertain to course material. Market and cost structures, utilization of equipment and human resources, and pricing models will be explored. Financial management will be examined from the perspective of equipment purchases versus leasing and investment options.

The course takes an overall look at the structure of air transportation, including airlines, general aviation, and airports; entry and exit factors for airlines and Fixed Base Operations (FBO) costs of service; costs of FBO operations; the demand for airline and general aviation services; airline and FBO rate structures and ratemaking factors;

airport cost structures; capacity management; market segmentation; demand forecasting; regulatory impact on commercial and general aviation; profits, cash flow and marketing; and revenue management.

MGT560 – LAW AND REGULATIONS – 3 credits

The course examines the initiation, formulation and implementation of aviation public policies and their effects upon the various segments of the industry—airports in particular. It introduces various regulatory issues related to scheduled air carriers, general aviation, and airport operations. Air traffic control and international agreements are analyzed.

It introduces regulatory agencies such as the Federal Aviation Administration (FAA), the National Transportation Safety Board (NTSB), the Transportation Security Administration, as well as domestic and international aviation organizations, and the international rules as established by the International Civil Aviation Organization ICAO).

MGT565 – MARKETING AND PUBLIC RELATIONS – 3 credits

The course covers institutions, techniques, policies and procedures utilized in the planning and execution of activities that affect the direct flow of goods and services from producers to consumers. It introduces a managerial approach to the study of marketing, develops managerial perspective and analytical ability in solving marketing problems, and deals with the management challenge of designing and implementing the best combination of marketing variables to carry out a firm's strategy in its target markets.

It applies marketing concepts, principles and procedures for planning, development, implementation and control of marketing programs in forprofit and non-profit organizations. Emphasis is on the matching of organization resources and strengths with global marketing opportunities, and strategies to overcome environmental threats. The course examines issues related to promotion, pricing, distribution, forecasting, and management of sales forces.

MGT570 – LABOR RELATIONS – 3 credits

The course covers the interaction of labor and management in the organization, emphasizing the impact of labor organizations. Coverage starts at the firm level and extends to national and international dimensions of labor-management relations.

It examines negotiations in labor relations in unionized and non-unionized work places. Issues include pre-employment discussions, collective bargaining, arbitration, mediation, agency, renegotiating contracts, and multi-party discussions. It analyses grievance arbitration, interest arbitration, mediation, fact-finding, as well as combinations of these procedures, including the role of third party intervention.

The course surveys laws governing labor relations and employee rights in the workplace, and the legal framework in which collective bargaining takes place, including negotiations for and enforcement of collective bargaining agreements. The course also addresses ensuring safe employment practices and developing legally sound policies and procedures.

MGT575 – 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 an airport, including legal and regulatory aspects, noise, pollution, weather, and the ways that airport management can deal with various environmental situations ethically and profitably.

Meeting the increasing demand for air travel will have a massive environmental impact both on a local and global scale. Aviation may affect air quality and, possibly, weather patterns. To address these consequences, there are a number of steps that aviation businesses have taken. Some have resulted from government regulation; others have been voluntary. The course examines the patchwork of local, federal and international rules and regulations that address the environmental effects of aviation.

MGT585 – AVIATION INSURANCE -3 credits

This course, which may be used as an aviation elective, covers the history, market structure and legal issues related to aviation insurance in the US. Specifically, it looks at topics in contracts and aircraft and airport liability insurance.

MGT600 - THESIS - 4 credits

The student who wishes to conduct advanced research in an area of interest may elect to write a thesis under faculty supervision. This enhances the student's powers of quantitative and qualitative analysis as well as formal exposition. The topic for research must ordinarily be a current problem in the aviation business and must lend itself to empirical analysis. The finished thesis will be evaluated by a faculty committee and be kept on permanent file in the College library.

MGT601 - MASTERS PROJECT - 3 credits

The student who wishes to investigate areas of interest not sufficiently covered in coursework may elect to do one or more projects under faculty supervision. The topic for each project must ordinarily be a current one in an area of aviation management. The proposal and completed projects will be evaluated by a faculty committee and be kept on permanent file in the College library.

This course integrates the skills and knowledge developed in earlier courses and emphasizes case analysis. Formulation and implementation of strategies are stressed. Problems are examined using research techniques introduced in earlier courses.

The course develops an understanding of the formulation and implementation of strategies and policies within the aviation environment and requires the integration of material from other courses.

BASIC SKILLS COURSES

Depending on their background, students may be required to take one or both of the following basic skills courses:

MGT490 – MATH FOR BUSINESS **APPLICATIONS – 2 credits**

A review of arithmetic and algebra will be followed by optimization techniques. These include basic linear programming and first order conditions arising in differential calculus.

Students learn how to work with exponents and logarithms, graph linear equations and solve a

system of simultaneous linear equations. The course develops skills in graphing functions and ability to understand graphical arguments and solving word problems with an emphasis on applications to management, decision-making and economics.

Working with systems of equations will be useful when students learn the concepts of linear programming. Working with the rules governing exponents is useful in working finance problems.

The course will also cover some elements of calculus (basic rules of differentiation and simple optimization), basic statistical concepts (elementary rules of probability; different types of averages such as expected value and the laws governing summation) etc. These concepts will be useful in statistics as well as in finance courses.

MGT495 – INFORMATION TECHNOLOGIES FOR MANAGERS - 2 credits

A management information system (MIS) is a set of systems and activities used to provide managers with information needed to support planning and decision making. Effective and efficient use of a firm's information resources are facilitated by computer-based storage, manipulation, retrieval, analysis, and presentation of relevant information in a timely fashion.

This course provides a basic perspective on the design, development, implementation, utilization, and administration of computer-based information systems; it introduces the application of computer-based information technology to the solution of business problems. It provides students with the background, concepts, and skills necessary for informed professional use of computer resources including the application of business software to support personal, group, and organizational productivity.

Starting with basic computer literacy, topics covered include systems analysis and design; decision support systems; artificial intelligence including expert systems, fuzzy logic and neural networks; end-user computing; telecommunications including the internet; and the application of information systems to a firm's competitive

Businesses operate through their information systems, databases, data networks, supply chains, and electronic commerce applications. This course provides an overview of a company's critical infor- 41 mation infrastructure and data applications.

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

FALL SEMESTER 2011

New Student Registration

Continuing Student Registration

Labor Day Holiday Classes Begin

Late Registration Begins (late fee will be imposed)

Tuition Payment Due

Program Adjustment Period (add/drop/change)

Last Day to Register Columbus Day Holiday

Last Day to Withdraw without Academic Penalty

Spring Registration Begins Thanksgiving Recess Classes Resume Exam Period

Classes End Winter Recess

SPRING SEMESTER 2012

New Student Registration

Continuing Student Early Registration

Continuing Student Registration

Classes Begin

Late Registration Begins (late fee will be imposed)

Tuition Payment Due

Dr. Martin Luther King, Jr. Holiday

Last Day to Register

Program Adjustment Period (add/drop/change)

Presidents' Day Holiday

Last Day to Withdraw without Academic Penalty

Spring Recess Classes Resume Exam Period Classes End Honors Convocation Commencement

ACADEMIC SESSION I SUMMER 2012

Continuing Student Early Registration Continuing Student Regular Registration

Classes Begin

Late Registration Begins (late fee will be imposed)

Tuition Payment Due Last Day to Register Memorial Day Holiday

Last Day to Withdraw without Academic Penalty

Classes End

ACADEMIC SESSION II SUMMER 2012

Continuing Student Registration

Classes Begin

Late Registration Begins (late fee will be imposed)

Tuition Payment Due Last Day to Register

Last Day to Withdraw without Academic Penalty

Classes End

Mon., Mar. 21 through Tues., Sept. 27, 2011

Mon., May 9 through Fri., Sept. 2

Mon., September 5 Tues., September 6 Tues., September 6

Tues., September 6

Tues., Sept. 6 through Sat., Sept. 17

Sat., September 17 Mon., October 10 Tues., October 25 Mon., November 14

Wed., Nov. 23 through Sun., Nov. 27

Mon., Nov. 28, 8 a.m.

Thurs., Dec. 15 through Thurs., Dec. 22

Thurs., Dec. 22

Fri., Dec. 23 through Mon., Jan. 16, 2012

Mon., Nov. 14, 2011 through Mon., Jan. 30, 2012

Mon., Nov. 14 through Thurs., Dec. 22, 2011

Tues., Jan. 3 through Sat., Jan. 14

Tues., Jan. 10 Tues., Jan. 10 Tues., Jan. 10 Mon., Jan. 16 Mon., Jan. 30

Tues., Jan. 17 to Mon, Jan. 30

Mon., Feb. 20 Tues., Mar. 13

Mon., Mar. 26 through Sun., Apr. 1

Mon., Apr. 2

Wed., May 2 through Tues., May 8

Tues., May 8 Wed., May 2 Sat., May 12

Mon., Mar. 19 through Tues., May 8

Wed., May 9 through Fri., May 18

Mon., May 21 Mon., May 21 Mon., May 21 Wed. May 23 Mon., May 28 Fri., June 8 Fri., June 29

Mon., Mar. 19 through Fri., June 29

Mon., July 9 Mon., July 9 Mon., July 9 Wed., July 11 Fri., July 27 Fri., Aug. 17

BOARD OF TRUSTEES

The Board of Trustees of Vaughn College of Aeronautics and Technology is the governing body of the College. Members are selected on the basis of their lifelong dedication to the vision and mission of the College and for their contributions to society and the industry.

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DIRECTIONS

TO THE VAUGHN COLLEGE CAMPUS

By public transportation —

Take the "E" or "F" train to Roosevelt Avenue—Jackson Heights (express stop) or the "#7" train to 74th Street—Broadway (local stop), then take the "Q33 LaGuardia Airport" bus to the College at 87th Street or the "Q48 Marine Air Terminal" bus from Main Street, Flushing.

M60 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 Triboro Bridge into Queens and stops across the street from the College on 23rd Avenue at 87th Street.

Visit these helpful web sites: 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. 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 and Points East:

Grand Central Parkway — Westbound: take LaGuardia Airport Exit 7 — 94th Street. Stay in the right lane on the long ramp and make a left turn onto 94th Street. Proceed to the top of the hill, which is 23rd Avenue. Make a right on 23rd Avenue to the College at 90th Street.

From Manhattan:

Grand Central Parkway — Eastbound: take LaGuardia Airport Exit 7 — 94th Street. Merge onto Ditmars Boulevard, making an immediate right turn onto 94th Street. Proceed to the top of the hill, which is 23rd Avenue. Make a right on 23rd Avenue to the College at 90th Street.

From New Jersey and Points South:

Take I-95 North (partial toll road) or I-80 East to the George Washington Bridge. Cross the bridge and take the Major Deegan Expressway (I-87 South). Take the R.F. Kennedy Bridge (formerly the Triboro Bridge) to the Grand Central Parkway. Continue on Grand Central Parkway to exit 7 — 94th Street. Stay in the right lane on the long ramp and make a left turn onto 94th Street. Proceed to the top of the hill, which is 23rd Avenue. Make a right on 23rd Avenue to the College at 90th Street.

From Upstate New York and Points North:

Head south on I-87 S/New York State Thruway S (partial toll road). Take exit 13S for Palisades Parkway S toward New Jersey. Merge onto Palisades Interstate Parkway S entering New Jersey. Take the exit toward the George Washington Bridge (partial toll road). Merge onto I-95 N/US-1 N entering New York. Take exit 1C-3 to merge onto I-87 S/Major Deegan Expressway towards Queens. Take the exit onto I-278 towards Queens (R.F. Kennedy Bridge, formerly the Triboro Bridge). Continue on Grand Central Parkway East (signs for Grand Central Parkway E/LaGuardia Airport). Take exit 7 — 94th Street. Merge onto Ditmars Boulevard, making an immediate right turn at 94th Street. Proceed to the top of the hill, which is 23rd Avenue. Make a right on 23rd Avenue to the College at 90th Street.

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