



Enhancing the depth and breadth of the curriculum

is one of the seven main goals of the strategic plan. This past year Vaughn added bachelor of science degrees in mechanical engineering and aeronautical sciences and the New York State Department of Education has just approved a new electrical engineering bachelor's degree.

"During the physical transformation of the College over the last three years, the faculty focused on continuous improvement of our academic offerings," said Vaughn College President Dr. Sharon B. DeVivo. "To provide input into our faculty's efforts, each department meets with an industry advisory board regularly to ensure we are offering a curriculum

EACH DEPARTMENT MEETS WITH AN INDUSTRY **ADVISORY BOARD** REGULARLY TO ENSURE WE ARE OFFERING A **CURRICULUM DESIGNED** TO MEET THE NEEDS OF TODAY'S GLOBAL MARKET.

designed to meet the needs of today's global market."

All of the institution's programs are designed to provide students with the academic understanding and practical skills necessary to succeed in their chosen career. With an annual tuition of just over \$20,000, Vaughn College is one of the most affordable private colleges in the New York City metropolitan

area. Financial aid and scholarships are available, with 90 percent of students receiving some form of aid.

Additional changes have been made

across all degree programs with an update in the general education curriculum offered by the arts and sciences department. The new "core" requires students to take courses across 10 areas of competency, from oral presentation and ethics to critical thinking and diverse perspectives. These changes offer students more flexibility in their course selections, allow for study abroad as an option to fulfill those competencies and make Vaughn more attractive to transfer students. The arts and sciences department plans to add new course offerings over time.

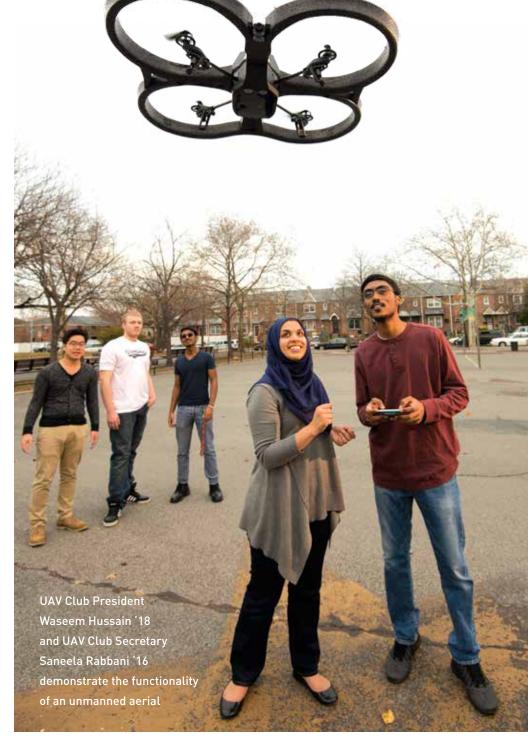


According to Dr. Paul LaVergne, Vaughn's vice president of academic affairs, "While the previous general education program has served Vaughn students well for over a decade, refining the curriculum allows students to make selections based on their areas of interest, and provides faculty with the option of offering new courses such as acting or music."

While the arts and sciences department has been focused on the core curriculum, the management department has also been actively engaged in a review of all of its degree programs and is developing certificate programs to meet market needs. The result was that the mission of the department was reworked, the core courses were revised and a new course was added to the core. Changes were also made to the math and science requirements including adding more statistics and the eventual option of a different laboratory science other than physics. By diversifying and offering a wide range of programs to tap into new and emerging markets in aviation, our students will be in a better position to advance their careers.

"Aviation technology and sophistication is consistently changing and requires people with multiple interdisciplinary skills," said Dr. Maxine Lubner, management department chair. "To achieve success in today's market, graduates must be equipped with a depth of expertise in many areas and a broad understanding of how to apply their knowledge and skills to the rapidly evolving field of aviation."

The department has also been focused on the addition of a safety management certificate program and the emerging market of unmanned aerial systems (UAS).



According to the Association of Unmanned Vehicle Systems International (AUVSI), the introduction of UAS operations into the commercial market will create an estimated 70,000 jobs in the first three years of integration, and as the market matures until 2025, more than 100,000 jobs will be created with an economic impact of \$82 billion. With this in mind,

Vaughn developed unique programming capitalizing on faculty expertise and currently offers the only class in the nation on drone laws. Taught by former Federal Aviation Administration (FAA) Eastern Region Counsel Loretta Alkalay, the course examines the complicated airspace that regulates UASs and the laws that impact hobbyists and commercial operators.

N E W BACHELOR'S

DEGREES



AERONAUTICAL SCIENCES



MECHANICAL ENGINEERING



ELECTRICAL ENGINEERING

Three New Bachelor of Science Programs Approved this Year

As part of Vaughn's ongoing transformation, the College has added new bachelor of science degrees to remain at the educational forefront to attract new students and faculty. A new bachelor of science degree in aeronautical sciences was launched in January 2015, a new bachelor of science in mechanical engineering began this fall, and the institution received word in late September that it now has approval for a bachelor of science in electrical engineering.

In its desire to remain current and provide the next generation of engineering programs to its students, Vaughn continues to assess academic needs and evolves to meet them. The addition of new bachelor of science degree programs in mechanical engineering and electrical engineering are the latest example. In addition to the current mechatronic engineering degree, this brings the total number of engineering degrees at Vaughn to three.

"Thanks to our amazing faculty and the department chairs, we were able to add new degrees that grew out of our commitment to strategic planning and paying attention to the outside environment and the needs of students," said DeVivo. "It is our commitment to being externally focused that allows our institution to continually advance and provide in-demand academic programs to our students that provide for success and meet industry needs."

For years, Vaughn has been known for electronic and mechanical engineering technology programs that are accredited by the Engineering VAUGHN COLLEGE
CONTINUES TO BE AHEAD
OF THE CURVE: THE
COLLEGE'S VISIONARY
PROGRAMS CONTINUE
TO EVOLVE WITH THE JOB
MARKET IN THE US AND
THROUGHOUT THE WORLD

Technology Accreditation Commission of the Accrediting Board for Engineering and Technology (ABET), and Vaughn holds the distinction of being one of only four colleges in the US to have an ABET-accredited mechatronic engineering program.

In order to advance the mission of the engineering department and fund equipment and faculty for the new bachelor's programs, Vaughn applied for and was competitively awarded a US Department of Education, Title V Hispanic-Serving Institution grant specifically to implement these two new programs. With \$4.2 million over five years, Dr. Hossein Rahemi, chair of the department, serves as lead in implementing this grant which has provided for faculty and topline engineering equipment. Vaughn was also the recipient of a National Science Foundation grant for scholarships for students to support faculty and student research as well as initiatives, such as speakers and site visits that specifically support students to attain a degree. "Many of the upgrades to the engineering programs involve the College's purchase of new equipment for the students to help them gain valuable hands-on experience in their specialty," notes Rahemi.

The mechanical engineering major, introduced this fall, is designed to provide students with both the fundamental knowledge of mechanical engineering and practical hands-on technical projects that enable them to design components that exhibit precise performance. Upon completion, graduates will demonstrate the ability to apply knowledge of mathematics, science and engineering to analysis and design.

The electrical engineering curriculum emphasizes both the fundamentals of electronics and systems, and addresses the multidisciplinary nature of the field. The

program prepares students with a solid background in mathematics and science and trains students to use analytical procedures to solve specific problems. Laboratory exercises to examine electrical phenomena and system design are an integral part of the program. In support of the program, the power electronics laboratory was recently brought on board to allow students to participate in handson demonstrations and experiments with a range of electrical machines and power semiconductors to study fundamental characteristics and contemporary applications.

VAUGHN WAS
COMPETITIVELY AWARDED
A US DEPARTMENT OF
EDUCATION, TITLE V
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SPECIFICALLY TO IMPLEMENT
TWO NEW ENGINEERING
PROGRAMS.





The new equipment allows for impact testing and evaluation of engineering materials, a hydrostatic bench, flow visualization equipment, a digital oscilloscope and function generator, a digital multimeter, power supply, a microprocessor and a digital trainer; these have created rich new learning opportunities for Vaughn students.

Equipment was also purchased for a fundamental robotics course for students studying mechatronic, mechanical and electrical engineering; and in anticipation of the electrical engineering program's approval, the energy conversion and smart grid power systems laboratory equipment was installed this fall. Vaughn will seek ABET accreditation for the program once there are graduates.

Vaughn students also have the opportunity to take part in technology conferences, including those hosted by the American Society for Engineering

Education (ASEE), the American Institute of Aeronautics and Astronautics (AIAA), the Society of Women Engineers (SWE) and the American Society of Mechanical Engineers (ASME). At these events, students write technical papers and present them to an audience of industry and academic attendees.

"This experience helps students to enhance their communication and problemsolving skills, ultimately making them better engineers and desirable employment candidates," concluded Rahemi.

The robotics club is a good example of combining academic course work with hands-on learning. Thanks to the equipment purchased in support of the mechatronic engineering program, and an increased interest in robotics worldwide, the robotics club at Vaughn has a very active membership. According to Alex Uquillas '17, club president, the club went from a handful of active students to more

than 70 members this year.

In April 2014, Vaughn competed in the VEX U World Championship and won first place in the US and second place in the world, against 60 competitors. The team returned to the World Championships last year, placing sixth.

Aeronautical Sciences to Provide Flexibility for Aviation **Students**

The bachelor of science program in aeronautical sciences is the study of aviation safety, flight dispatch, air traffic control (ATC) and airfield operations. The program is designed to prepare students for careers as airport managers, air traffic controllers and dispatchers, in addition to other aviation-related careers. Students enrolled in the program must show mastery of mathematics and science and an ability to employ the principles learned in the curriculum to

succeed in the practice of aviation.

This degree was developed to provide students with the flexibility to incorporate any flight qualifications they have acquired but have decided that a flight degree is not something they wish to pursue. Oftentimes, the significant cost of achieving all of the flight licenses prompts students to look for other degree options that allow them to pursue their love of aviation without the expense of flight training.

The goal of the new program is to prepare students for aviation careers with employers such as The Port Authority of New York and New Jersey, John F. Kennedy International Airport Terminal, Marsh Aviation, Raytheon Corporation and the FAA.

According to Captain Peter Russo, Vaughn's chair of the aviation department, "The addition of certifications such as air traffic control or flight dispatch to a bachelor's degree will decidedly increase the marketability of a graduate from the program."

Students graduating from this program are expected to be able to obtain two or more FAA certificates as a flight dispatcher and as a ground instructor for basic flight and instrument pilots. Other career possibilities include air traffic control (ATC), airport and airline management, unmanned aerial systems, fixed base operator management, entrepreneurship, export-import, insurance, security, accident investigation and safety management systems. Students in this program are encouraged to pursue internships and research projects in order to further their academic and practical experiences.

Vaughn was also just awarded a US Department of Education grant of \$2.625 million over the next five years to create retention and graduation strategies that serve students well.

USNews

REGIONAL COLLEGES

NORTH 2016

RECOGNITION

FOR VAUGHN

As an indication of Vaughn's continued

success at evolving to provide a next-

generation education, the institution

has been ranked as one of the top-tier

regional colleges in the northeast for

the sixth year in a row by US News

and World Report, and received a best

college ranking for veterans for the

second year.

This grant continues to build on the College's success in this area. For the last two years, Vaughn has exceeded the predicted graduation rate as calculated by US News and 92 percent of graduates are employed or continue their education within one vear of graduation.

Since 2008, the institution has been competitively awarded more than \$22 million in grant funding to support the growth of new programs, support faculty positions and provide for new laboratory equipment.



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"NEXT GENERATION EDUCATION" FOCUS OF NEW MARKETING CAMPAIGN

Building on the physical campus transformation and new laboratories, a new marketing campaign was launched this year. The campaign includes a new mobile-friendly website; an advertising campaign for print, television, radio and social media outlets; and the development of all new admissions publications.



The campaign message, "Next Generation Education," builds on the College's completion of its extensive renovation project, and highlights upgraded facilities, new laboratories and new academic programs, while raising awareness of the benefits of attending Vaughn to prospective students and their parents.

According to Vincent Papandrea, vice president of institutional relations and new initiatives, "We began working with a new advertising agency to help us deliver compelling creative design and appropriate messaging to tell Vaughn's story. We are very happy with the result and are excited to continue evolving and building on the campaign's overall theme."

The market research done as part of the new branding effort indicated that peer influence is the primary consideration students use to decide what college to attend. As a result, Vaughn students are strongly showcased across the campaign. For example, in the

print ads, the students are seen as actively engaged in their studies such as demonstrating the latest robot designed and programed in the robotics lab. Media outlets were also evaluated during the research phase, and Vaughn's target audience is now being reached through new channels, increased message frequency and mobile platforms.

Print ads alerting potential students to attend upcoming open houses, held in the spring and fall, capitalize on the campaign by featuring students with the tagline "Experience Vaughn College" to encourage readers to learn more about the "Next Generation Education."

The copy and messaging of the broadcast ads present students in various unique Vaughn settings as well: in front of a flight simulator, an airport hangar or engineering models, or in the library—all showing their Vaughn College student ID cards. This is followed by visuals of drones, an airport, aircraft, and automated robotic and mechatronic engineering equipment—all designed to show that, for Vaughn students, the sky's the limit to what they can accomplish.

"More than 100 current students were featured in the ad campaign," said Papandrea. "The students were incredibly excited to see themselves and their friends appearing in Vaughn ads. It really fostered a sense of pride within the College community and promoted the accomplishments achievable with a Vaughn degree."

In tandem with the new advertising campaign, interested students from various programs were recruited to act as brand



Meet the dreamers, the doers, the rocketeers and the engineers, the captains and the creators, the navigators and the decision-makers.

They chose Vaughn for a Next Generation Education, and now they're flying, soaring, designing and connecting the world. Ninety-two percent of graduates will have a job or attend graduate school within a year. Visit us now to see why. Vaughn College. Next Generation Education.

ambassadors to show potential students a view of day-to-day college activities, including coursework and participation in clubs and sports. The ambassadors received a GoPro camera that they could use to upload their Vaughn experiences, enhancing the current social media presence on Instagram, Facebook and Twitter. Students also take photos and write blog posts for the website, which is proving very popular. All of these entries add to Vaughn's content on the web, make the information more engaging for prospective students and increase the visibility of Vaughn College on search engines such as Google.

Since the launch of the new marketing campaign, there has been a noticeable increase in the number of first-time visitors to the site who stay on the website longer and view more pages. Additionally, visits from search engines have increased with more prospective students requesting information about the College or enrolling online.





"We are extremely happy with the new marketing initiative. By creating a fresh, modern look and spotlighting these remarkable individual student success stories, we now have the best platform to raise awareness of the benefits of attending Vaughn College to potential students locally, regionally, nationally and throughout the world."

Vincent Papandrea

NEW FEDERAL AVIATION ADMINISTRATION APPROVAL SAVES FLIGHT STUDENTS TIME AND MONEY

Changes in the rules governing the minimum requirements for the co-pilot position in the last few years have created additional time and expense to an already cost prohibitive career path. Vaughn has achieved two Federal Aviation Administration (FAA) authorizations to assist students in meeting the new minimums with less time and expense.

Vaughn obtained FAA Part 141 ground school certification for the instrument rating and commercial license in December 2014. This was the first step in qualifying students to achieve a Restricted-Air Transport Pilot (R-ATP) certificate. Vaughn partners with Heritage Flight Academy on Long Island to provide students with Part 141 flight training. The strict standards of the FAA's Part 141 designation require the agency's approval regarding the quality of training, facilities, aircraft and record keeping.

Domenic Proscia, Vaughn's vice president of training who applied for and achieved the FAA approval, noted, "A key advantage of the rigorous Part 141 curriculum (as opposed to that of Part 61) is that the FAA allows students taking the combined ground and flight portions of flight training to complete these courses with fewer hours of flight training, which significantly reduces cost to the student."

A separate authorization, the Restricted Airline Transport Pilot (R-ATP) license, allows Vaughn College to certify, upon student graduation, that the pilot has completed a rigorous course of academic study, requesting that the FAA award the ATP following the pilot accumulating 1,250 (associate degree) or 1,000 (bachelor's degree) flight hours. Civilian pilots without the R-ATP must log 1,500 hours according to recent changes in the FAA's training regulations.

Captain Peter Russo, the chair of Vaughn's aviation department noted "This is clearly a triple win: The graduate earns a bachelor of science in aircraft operations and can go to work for an airline more than a year (500 hours) earlier, which should increase his or her earnings and ease the pilot shortage. The operators hiring pilots receive a much better educated aviator who has taken the most demanding course load, each course approved by the FAA, and flying training lessons designed by the FAA to maximize training. And, finally, the FAA achieves an increase in pilot proficiency and consequently, safety, for a small investment in increased surveillance of aviation colleges."





NEXT GENERATION of Air Traffic Controllers Train on State-of-the-Art Equipment

With a long history of instructing students New lab featured in on all aspects of aviation, Vaughn recently expanded the current training program with the addition of an air traffic control simulator laboratory. In fact, the program was recently featured in the Air Traffic

Control Association Bulletin, and some of the class instructors are retired air traffic controllers.

The College boasts a state-of-the-art ATC simulator that has five seats for radar and one tower simulator; it teaches every position—ground control, local and approach. It replicates tower, Terminal Radar Approaches (TRACON) and en route operations. Students receive instruction via classroom theory and labs. The lab sessions involve routine problem-solving scenarios to enable students to experience potential situations that they will face when working in the field. All types of aircraft (commercial, military and general aviation aircraft) are simulated just as they would be in the Federal Aviation Administration's (FAA) training center in Oklahoma City. Additionally, the labs can simulate runway incursions, noise abatement, ground support trucks, Instrument Flight Rules (IFR) and visual approach procedures, as well as radio and

the Air Traffic Control **Association Bulletin**

transponder failures. The labs are staffed with former air traffic controllers from the metropolitan region who have significant experience in managing traffic in complex

"Our ATC courses are designed to provide our students with instruction and oversight that replicates actual FAA training, said Domenic Proscia, vice president of training. "Students are prepared when they are selected to take the FAA test in Oklahoma City. In fact, we have such excellent training and equipment that we are now opening up Vaughn's training to individuals outside of the College who want to hone

Vaughn plans to expand ATC training into the international market. Proscia noted that he is in discussion with other countries about training as well as with privately owned towers across the country for recurrent training. The sophistication of the ATC simulator could also serve as a screening source for employers.

their skills while waiting to take the ATC test."

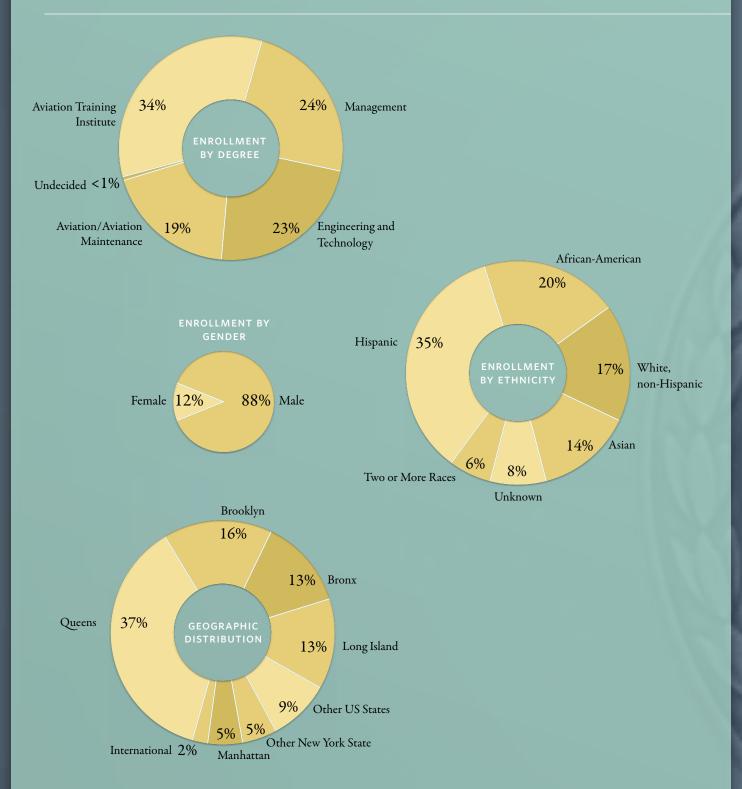
Vaughn's location in New York City and strong connections to the aviation industry provide a great resource for engaging professionals in the field.

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VAUGHN COLLEGE REPORT 2013-2014

Demographics, Financial Summary and Annual Fund

DEMOGRAPHICS



FINANCIAL SUMMARY

BALANCE SHEET

		2014	2013
	Total Assets	\$108,753,716	\$92,543,599
	Total Liabilities	\$60,421,519	\$52,951,753
	Total Net Assets	\$48,332,197	\$39,591,846
	Comprising:		
	Unrestricted	\$17,427,071	\$15,960,055
	Temporarily Restricted	\$30,740,787	\$23,475,452
	Permanently Restricted	\$164,339	\$156,339
	Total Net Assets	\$48,332,197	\$39,591,846
REVENUES AND EXPENSES			
	Revenues	2014	2013
	Tuition and Fees	\$30,262,186	\$29,207,386
	Less: Scholarships and Fellowships	\$3,864,081	\$3,575,233
	Less: Federal Aid	\$105,580	\$171,542
	Net Tuition and Fees	\$26,292,525	\$25,460,611
	Government Grants and Contracts	\$3,812,679	\$3,486,076
	Contributions, Including Equipment	\$121,976	\$872,542
	Investment Income	\$433,300	\$475,552
	Auxiliary Revenue	\$1,952,632	\$1,990,374
	Appreciation (Depreciation) in Fair Value of Investments	\$3,078,558	\$2,106,252
	Other	\$444,816	\$383,870
	Total Unrestricted Revenues, Gains and Other Support	\$36,136,486	\$34,775,277
	Expenses	2014	2013
	Educational and General	\$31,397,678	\$29,855,730
	Depreciation and Accretion	\$3,271,792	\$2,953,320
	Total Expenses	\$34,669,470	\$32,809,050
	Change in Unrestricted Net Assets	\$1,467,016	\$1,966,227
	Increase (Decrease) in Temporarily		
	and Permanently Restricted Assets	\$7,273,335	\$16,045,238
	Change in Net Assets	\$8,740,351	\$18,011,465

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"Vaughn College has helped me achieve my goals," Turrieta says. "The education I received is helping me give back to society as a mentor to Vaughn students and others in my community."



Camila Turrieta Aircraft Operations,'11 First Officer, Republic Airways Holdings

Annual giving is a central part of Vaughn's fundraising efforts. Annual giving provides Vaughn with the responsiveness and flexibility necessary to fund emerging opportunities in scholarships, student programming,

faculty research and academic initiatives. Each year, every gift, regardless of the amount, improves the Vaughn experience for our students.

For more information contact Karon Williams, annual fund manager at 718.429.6600 extension 353 or karon.williams@vaughn.edu

GIVE TODAY at vaughn.edu/give-a-gift

ANNUAL FUND GIVING

Aerospace Foundation Elaine Asch-Root

Aviation Café

Aviation Development Council

David Barger Barnes and Noble

John and Deirdre Fitzpatrick International Association of

Women in Aviation

JFK Chamber of Commerce Shellev and Jeff Kehl

Kiwanis Club of LaGuardia

Airport

Thomas Marrotta

Thomas I. McKee Oswin Moore

Nida Corporation

Patricia Palladino Katherine Posner

Resource Foundation

The Wings Club Scholarship Fund

United Unlimited US Didactic

George A. Vaughn, Jr.

James Vaughn

Peter Vaughn William R. Decota Scholarship

Fund

Barry Eccleston Monroe Hatch

ICG. International Communications Group

Clyde and Hazel Lee Kizer Love Family Foundation

Jane Rappeport-Weldon THE PRESIDENT'S CLUB

Certilman, Balin, Adler & Hyman,

Ensign Engineering

USI

David Ochoa Stephen B. and Lorraine A.

Pearlman Frank Rosenberg Artin Shoukas '63 Ken Stauffer '83

THE CHARLES (CHUCK) E.

Paula Busch Beatriz Cruz '05 Sharon B. DeVivo Theodore Fedun '58 Monroe Hatch

Heritage Investment Partners Intellegent Tech. Group Albert Longarini '49 Irene Zincone

Aerospace Foundation Austin & Williams Susan M. Baer

Michael and Sherry Chrissanthis '53

John Enders Peter Hoffman Martin Keller Ernie Shepelsky Mortimer Sickles '54 Uniworld Tours Robert Waldmann Joseph Werner '57

Anonymous

Thomas I. Apperson Thomas Asch Earl Dawson

Pierre Haan '58 George Hogg '68 Larick Associates

Mudassar Minhas '06

Office Depot Byoung Oh Park '08

Staples Amanda Talty Tamaya Vina Casa

Typographic Creations

Andrew Asch

Avalon Florist Nicholas Bazzicalupo '58

Jenny Bishop Peter Bohn '90 Thomas Broschart '90 Brad Carpenter '04 Ogbonna Chilaka '07

Cigna

Douglas Eastman Equipment Repair Tania Esteva Broschart '84

Louis Fazio '59 G.A.F Seeling, Inc. Corey Goosby '03 Corrine Graham George Hogg '68

Labor Management Concepts, Inc.

Clarence Lohse '49 LTL Tours Inc. William Miller '73

Minute Man Press Khalid Mouaouya '90

William Nagy '02 Louis Popovich '51 Fahad Qureshi '09

Mario Ramdial '03 Walter Smith '58 Spero Lighting East

Francisco Tunas '11 US Raceworks Efrain Vazquez '82

Leigh Williams

Gabriel Acevedo '09 Uchenna Acholom '07

Jason Altman

Marvin Blackman '11 Carlos Bocel '05 Peter Bohn '90 Zico Bruce '09

Buccaneer Diner Frank Carnevale '89 Karen Cerna

Christine Chan Adrian Chutkhan '05

Coffee Distributing Corporation Emmanuel Crespo '10

Vanessa Cruz '08 John Csady '61

George Dumitresku '67 Iaisha El-Tawil '05 Eventbrite

John Foderaro '53 Michael Garcia '14 Robert Gensinger '64 Marcia Gomez '09

Frank Grano '58 Abdel Haiber '94 Angelo Hardeen '03 Raphael Henery '13

> Robert Hull '07 Maureen Kiggins Andrew Kneissl'90

George Krug '55 Peter Kurtin '70 Shauna Lang'08 Jana Langhammer '11 Jacqueline Leon '07

Bow Leong'58 Patrick Liganga '03 Kelly Liu '06 Alejandro Lopez

Laura Lowry Heather Manning '12 Momin Mansoor '14 Steven Matsil '68

Michael McCarthy '73 Ruhullah Mehirdel '10 Steve Mikhlin '99

Ralph Minopoli '14 George Mischio

Victor Montalbo '02 Topacio Moreno '08 Khalid Mouaouya '90 Jared Ndiba '13

Allen Ngai '68 NYASCO Products Inc.

Ioao Oliveira Victor Orsetti '64 Carl Orsini '64 Carlos R. Ortiz '81 Susan Beth Padva George Paniagua '84

Patrick Peluso '95 Dominic Proscia '94 Don Raghunandan '11

Jorge Ramos Valle '04 Juan Roman '13 Isabel Rosado

Luis Santana '08 Manny Santana '13

Joseph Schneider Bilal Siddiqui Narinder Singh '70

Agam Sinha Phil Stauffer '83

Symerix Business Essentials Jonathan Sypeck '13 Richard Szostak '64

Jeffrey Time '03 John Tristani '58 Francisco Tunas '11 US Raceworks

Edwin Vazquez '13 Natasha Waldron '12 Frank Wang '92 Ricky Williams '95

MATCHING GIFT COMPANIES

American Express

Consolidate Edison Company of New York

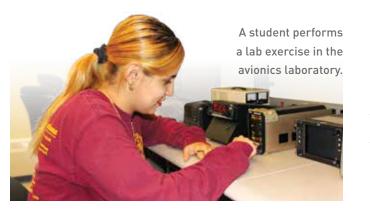
Entergy

Marotta Controls

Partnership with Instrument Corporation to Promote Internship and Employment Opportunities



The partnership began when a former Vaughn alum and a supporter of the College recognized the fit between what students at Vaughn were taught, and what was needed in the industry.



Over the last three years Vaughn has developed a great working relationship with Safe Flight Instrument Corporation in White Plains and is proud to have former students represent the company at Vaughn's career fairs.

Assistant Professor Mudassar Minhas, the program coordinator in electronics engineering and technology, works closely with Executive Director of Career Services Philip Meade to screen and direct students to Safe Flight, where they can be interviewed for internships or full-time positions.

"While receiving hands-on training and skills during their lab exercises in avionics courses, students learn how to troubleshoot equipment at multiple levels, including down to the circuit board," said Minhas. "These are much-needed skills for Safe Flight and similar companies in the avionics industry."

Margot Moe '15, an Atlanta native who graduated Vaughn with a bachelor of science degree in electronic engineering technology, is currently working at Safe Flight. She began a summer internship with the company in May 2014 that resulted in a full-time job in January 2015. Moe works in the repair department on a wide variety of products, such as lift computers, stall warning systems, angle of attack indicators and aircraft performance computers.

Her passion for aircraft started at the age of 8, when she took her first ride. She then joined the Young Eagles, a branch of the

Experimental Aircraft Association (EAA), when she was 13 and attended summer camps that were run in conjunction with the EAA's AirVenture Oshkosh—the biggest air show in the world.

When she learned about Vaughn, she loved the idea of going to New York and was a scholarship recipient. Reflecting on her time at Vaughn, Moe said, "I was very happy with the coursework at Vaughn. I liked the fact that the College focused on the technical as well as academic aspects of my education, where I could receive a very hands-on lab experience and lots of individual attention. Vaughn opened the door to a great internship, which kept reinforcing what I learned in my classes. Now I'm in a nice position where I don't do the same thing every day."

Vaughn graduate Mahendra Sahai '15, who has been working full time at Safe Flight since June, serves as a quality assurance inspector/ bench technician. Part of Sahai's duties include testing, calibrating and inspecting units to be sure they meet both Safe Flight's and its clients' specifications. Expressing his appreciation for the direct practical experience he gained at Vaughn, Sahai noted, "I loved both the lab and practical classes because they enable students to understand the systems within an aircraft so that they can troubleshoot them when working in the field."

Another student, Nitin Bobba '14, came to Vaughn via the College's collaboration with Sreenidhi Institute of Science and Technology in India. Bobba spent his first two years of study in India and then was offered a scholarship to attend Vaughn in New York, where he finished his degree in electrical engineering technology with a concentration in avionics. In 2014 he secured a position with Safe Flight as a repair technician. He is currently in the quality assurance department, which is responsible for all aspects of the company's production process development, control and improvement functions. Going forward, Bobba said, "I plan to attend graduate school to obtain a master's in business administration in order to supplement the strong technical skills I have learned with a strategic business management skill set." His goal is to work as an executive with a large aerospace corporation.

According to Maria Ferrara, director of quality assurance at Safe Flight, "Vaughn College graduates have been ideal for Safe Flight's technician requirements. Their skill set and work ethic are exemplary, and they have proven to be a great fit for our culture. We look forward to recruiting future graduates from Vaughn College."

The office of career services assists all Vaughn students in finding internships that will be relevant to the future careers where they can apply what they've learned in the classroom to their everyday experience. Since 2009 there has been a 50 percent increase in students participating in internships with 70 percent of students' internships being paid.

Meade noted, "We hope to continue this very positive and mutually beneficially relationship with Safe Flight and strengthen our connections in the future. Our students have the opportunity to implement classroom theory in the workplace so graduates enter the workforce ready to be productive on day one of their career thanks to Safe Flight."

COMPOSITE TECHNOLOGY PARTNERSHIP LAUNCHED TO BENEFIT HIGH SCHOOL STUDENTS

The use of composites in 21st-century manufacturing is prevalent in all major market segments, such as aerospace, transportation, alternative energy and consumer goods. To expose high school students to the engineering aspects of the field, Vaughn began an educational partnership with the Composite Prototyping Center (CPC) in Plainview, Long Island last year.

This partnership was developed to deliver a science, technology, engineering and math (STEM) course on the fundamentals of composite technology to foster an interest in this area. The program kickoff was attended by Nassau County Executive Edward P. Mangano.

The first Long Island school districts to participate in the program were Bethpage, Syosset and Huntington, with 18 juniors and seniors enrolled. CPC plans to make it available to all Long Island school districts.

This six-week, 15-hour course provided an introduction to composite technology to give students an understanding of the fields of composite design, engineering and manufacturing. CPC hosted the program, and Vaughn instructors taught the classes. Participating students earned one college credit for completing the coursework, which combined a mixture of lectures and hands-on lab experiences where students learned to build a composite panel and practice repairs.

The classes enable students to have an appreciation for the field of composite design, exposing them to state-of-the-art composites manufacturing at a level that is being offered by just a few engineering colleges across the country.

Domenic Proscia, Vaughn's vice president of training, taught the course along with Professor Yougashwar Budhoo,



▲ Vice President of Training Domenic Proscia, second from right, with students from Syosset High School at the Composite Prototyping Center.

from the department of engineering and technology, and Instructors Samer Elsayed and Mike Wolfe from the Aviation Training Institute.

Proscia noted that composites can be superior to metals due to strength and weight ratios and high temperature tolerance, providing a cost savings in terms of the actual materials and the maintenance of the material. Composites are a major structural element on aircraft, replacing metals such as aluminum and steel. "In fact, over 45 percent of an airliner may be built with composite materials," said Proscia. "This program was created so that students have exposure to this growing field. The students were interested in engineering, and we gave them a sense of how to build something by combining engineering and technology. This is a unique opportunity for Vaughn College to create a spark of interest in a field that that might not otherwise consider.



ENGLISH AS A SECOND LANGUAGE

Program Created to Serve International Students

Providing English as a Second Language is an emerging market for Vaughn College and with two semesters and 100 students having completed the program this year the plan is to expand the offering. The three-part English as a Second Language (ESL) program was launched last spring to serve one international partner, but the plan is to reach students who are interested in a Vaughn degree, but who are not English proficient. The classes are divided into beginner, intermediate and advanced sections, each consisting of pronunciation, reading, writing and listening courses spanning 15 weeks.

Said Lamhaouar, vice president of student affairs and academic support, who created the program said, "Our ESL program began with a cooperative agreement between Vaughn and Turk Hava Kurumu (THK) Universities in Ankara, Turkey. Forty-eight aviation and engineering students from Turkey came to Vaughn, resided on campus and took our first ESL program." We are very pleased that this initial project was a success, with positive student feedback indicating that they both learned and enjoyed the sessions." In fact, pre- and post-course evaluation demonstrated that 83 percent of the students from the first group enhanced their English language skills.

Lamahouar noted, "After the first ESL program, the College reviewed the courses and made some changes, tweaking some of the instruction and components. In addition, we added an instructor to enhance the learning process." During the summer semester, a second group of 52 students from THK attended the slightly revised program. The final results improved with this group and 87 percent of the students saw significant improvement in their language skills.

The students from Turkey attended Vaughn under a J-1 visa and they are obligated to leave after one term and return to THK, where they will complete their coursework.

For the last several summers students from THK spent six weeks at Vaughn participating in a cultural immersion program, where they learned about American culture and the English language. Creation of the ESL program was a natural progression of the relationship.

Lamhaouar further added, "During the next phase, we will take all that we have learned from launch and expand the program to the local community. A parent of a student who needs assistance with the English language will be able to take some basic courses for free, to learn reading one term and writing the next." The ESL community sessions will be available during convenient hours such as evenings and weekends.

Vaughn plans to promote the program to other countries where the College already attracts students such as China and Saudi Arabia. Having an ESL option will allow the College to attract more international students whose first language is not English. After one

year, Vaughn will be able to apply for accreditation for the ESL programs. This may enable international students to receive assistance with scholarships (as some countries provide support for ESL) and can provide for a seamless transition to Vaughn's degree programs.

A brochure outlining the program can be found on Vaughn's website at:



www.vaughn.edu/admissions-international-students

2015 COMMENCEMENT EXERCISE

Women Airforce Service Pilot Bernice Falk Haydu and Queens Borough President the Honorable Melinda Katz Honored at 2015 Commencement Exercise

▼ Ninety-four-year-old World War II veteran Bernice Falk Haydu and the Honorable Melinda Katz at last May's commencement.



The Vaughn College community gathered to celebrate the achievements of more than 170 students as well as award honorary doctoral degrees to two extraordinary women at the commencement exercise on Saturday, May 16.

Ninety-four-year-old World War II veteran Bernice Falk Haydu was one of the first women to fly military airplanes for the Army Air Force in World War II from 1942 to 1944 as a member of the Women Airforce Service Pilots (WASPs). She was an aviation pioneer, and as president of the WASPs was instrumental in having members of the organization recognized by Congress as veterans of World War II. President Carter signed

the bill into law in 1977. The group was awarded the Congressional Gold Medal on March 10, 2010.

"Falk Haydu is one of the last connections to a pivotal moment in our history, and she is truly an inspiration to all generations," said Deb Henneberry, assistant professor in the aviation department and the faculty member who identified Falk Haydu as an honoree. "We are fortunate that she could attend the commencement so Vaughn students could benefit from meeting such a prominent figure in our military and aviation history."

Falk Haydu was joined by her family and friends at the ceremony to celebrate her achievements. "I am elated to be here and see so many of you graduating today," she said. "I am finally receiving my college degree; this means so much to me."

Falk Haydu was inducted into the New Jersey Aviation Hall of Fame in 2000 and the Women in Aviation International Pioneer Hall of Fame in 2012, and in 2014 was given the Federal Aviation Administration's Wright Brothers Master Pilot Award. She has published "Letters Home," a book about her time in the service, and her original uniform is on display in the Smithsonian National Air and Space Museum.

According to Vaughn College President Dr. Sharon B. DeVivo, "Bernice Falk Haydu is an outstanding patriot, and it was our pleasure to award her with an honorary doctor of science degree and recognize her service to this country. She has spent her life devoted to aviation and blazed a path for women in this industry, and we are thrilled to salute all of her achievements. WASPs have ensured that women pilots everywhere are recognized for their achievements and receive the acknowledgment they deserve."

The commencement speaker Queens
Borough President the Honorable
Melinda Katz recognized the incredible
achievements Falk Haydu and women
like her who paved the way for herself and
others. Born and raised in Forest Hills,
Katz is a graduate of the public school
system and a true advocate for Queens
who graduated summa cum laude from
the University of Massachusetts, Amherst
and received her juris doctorate from St.
John's University School of Law. Katz has

been a friend to Vaughn College for years and a dedicated public servant for nearly 20 years, serving in key governmental positions on both the city and state level.

"Vaughn College was pleased to have Queens Borough President Melinda Katz deliver the commencement address," said DeVivo. "She is a remarkable leader of Queen's, friend of Vaughn College and supporter of educational efforts, who has dedicated her life to public service and is sure to inspire the next generation of leaders."

There was tremendous media excitement around Falk Haydu's appearance at Vaughn College, resulting in news segments on New York network television stations, and in newspapers including the aviation press.

FACULTY

William Farrell, PhD

Dr. William Farrell has traveled the world for business and pleasure, one of the benefits of working in the aviation industry. He has lived in Dubai, and conducted numerous business trips to Japan and Europe.

Farrell's international business experience was an attractive asset for Vaughn College when introduced by a mutual friend and officer of the Wings Club. He first served as an adjunct professor at Vaughn for several years, and has joined the College as a full-time assistant professor, bringing his extensive background in business and aviation to Vaughn.

Farrell has served in various high-profile aviation industry positions throughout the years, including working at Western Airlines as vice president of corporate planning, at American Airlines as project manager, and as an assistant professor of business at the University of Pittsburgh. He also has vast experience in the world of finance, having served as a financial risk advisor and investment banker for several major corporations. Farrell has written op-ed pieces, including one published by the Wall Street Journal, and articles for peer-reviewed journals.

"We are thrilled that Dr. Farrell has joined us full-time," said Dr. Maxine Lubner, chair of the department of management. "He brings a unique skill set and understanding of the aviation industry based on his international finance experience and his understanding of executive-level operation and business strategies."

At Vaughn, Farrell has taught micro- and macroeconomics, international finance and project management. Now as a full-time faculty member he also teaches the internship and capstone courses, where students are required to complete written assignments and oral presentations in consultation with a faculty adviser.

Farrell's philosophy of teaching is that business management classes should be practical, with students understanding what is happening in today's current business environment. "I require students to present articles from the business press to the class," said Farrell. "My goal is to have students think through problems and to understand how things work in a given field." Farrell particularly enjoys teaching the capstone course, in which computer-based simulations are used to run a business, requiring students to work in teams, think across disciplines and integrate



Farrell's philosophy of teaching is that business management classes should be practical, with students understanding what is happening in today's current business environment.

ideas from different functional areas of management to address opportunities and challenges.

Having worked at Vaughn for some time now, Farrell noted the most positive aspect – the students. "I find that most of the students are very serious about their studies and many hold full-time jobs as well. The diversity and a mix of younger, and older, more mature students, brings a very desirable stability to the student body."

A native Californian, Farrell received his bachelor of arts in mathematics, as well as his master's degree and doctorate in business from the University of California, Los Angeles.

FACULTY

Lara Merlin, PhD

Dr. Lara Merlin, a native New Yorker and recent addition to Vaughn, brings her love of writing and literature to the arts and sciences department with the goal of instilling critical thinking and effective

communication in her students.

Merlin joined Vaughn in the fall of 2014, where she teaches writing and American literature. She previously taught at Hunter College, Kingsborough Community College, Pace University and Bowdoin College in Maine. Merlin earned her undergraduate degree in letters (interdisciplinary literature, philosophy, history and modern languages) at Wesleyan University and received both her master's and doctorate degrees in comparative literature at Rutgers University.

It was upon completion of her undergraduate degree that Merlin made the choice to pursue a career in teaching. "Sharing my love and commitment to education with the next generation seemed to be the best way for me to really make a difference in society," she notes. "No matter what major or profession students choose, they will need to think critically and write and communicate clearly. My mission is to help my students become very proficient in these areas."

Merlin prefers not to dominate her classes with lectures, as she believes stimulating discussion is most productive for the students. She noted, "I'm delighted to say that Vaughn students do a wonderful job of bringing their own ideas into class discussion. When students are trying out their ideas and share them with each other, we have very lively interactions that enable them to engage and learn from one another—not just from me."

Merlin has also connected to the larger Vaughn community, "I find the Vaughn community to be very special—everyone is so open, friendly and collegial. I arrived just as the new renovations were completed, and I'm very impressed with Vaughn's beautiful and progressive environment. I very much enjoy the diversity of the student body that reflects the face of New York City and our country."

Merlin plans to publish material based on her current research on the representation of terrorism in contemporary film and



Merlin prefers not to dominate her classes with lectures, as she believes stimulating discussion is most productive for the students.

television. In addition, she hopes to be teaching an introductory course on film history and analysis in the near future.

Dr. Ray Addabbo, arts and sciences department chair is grateful to add Merlin to his faculty. "Merlin brings a wealth of experience to Vaughn. Her teaching interest in American ethnic literature, women's literature and film theory give our students the opportunity to learn literature from a unique perspective. Students in her classes see literature as relevant and have become better communicators as a result."

ALUMNI

Karen Batson '04

Karen Batson's love for aviation began in her native Jamaica and found it's direction at Vaughn.

After graduating from high school, Batson enrolled in flight school, but changed her mind following a crash that claimed the life of her flight instructor. After immigrating to New York in 1999, the aviation bug bit her once again. She decided to enroll at Vaughn College, since through her research, she found that Vaughn was a well-known aviation college in the Northeast.

Batson graduated Vaughn in 2004 with a bachelor of science in airport management and received her master's degree from New York University (NYU) in transportation management. She is currently the senior manager of control airport support system (CASS) and aircraft reliability at Atlas Air and an adjunct instructor at Vaughn, teaching management courses.

Atlas Air Worldwide, the parent company of Atlas Air, Inc. and Titan Aviation Holdings, Inc., and the majority shareholder of Polar Air Cargo Worldwide, Inc., operates the world's largest fleet of Boeing 747 freighter aircraft.

In her current position with Atlas, Batson works with the Federal Aviation Administration (FAA) on matters concerning the aircraft reliability program, oversees the collection and analysis of data, reviews, monitors and evaluates systems, structures, and component performance and maintains quality

Batson established a student internship program with Vaughn in aircraft liability at Atlas in Purchase, NY. She has recommended and/or hired more than 20 students for full-time jobs or internship positions. Batson noted, "Vaughn graduates are top-flight students ready to work in the industry who have real drive and a passion for aeronautics. In fact, I am receiving inquiries from management at Atlas about possibly hiring more Vaughn students due to their outstanding work." The students that have been hired as crew schedulers, crew planning analysts and aircraft records analysts, as well as work in aircraft planning.



Proud of her years attending and instructing at Vaughn, she said, "Vaughn is like home to me. I am where I am in my career because of the quality of the education I received at the College, with excellent professors and individualized attention," said Batson. Adding that she enjoys her work as an adjunct, "I'm so happy to be teaching here and sharing my knowledge with the students, as I feel I'm giving back to the College."

In her personal life, Batson is part of Women in Canoe (dragon boat racing), is involved with Toastmasters International and volunteers with New York Cares.

VAUGHN IN BRIEF

Upcoming Events

2015

WINE TASTING

Thursday, November 12, 6 p.m. Bottlerocket presents wine tasting as an easygoing pastime while seeking to enhance the overall tasting experience, one bottle at a time. Come learn about wine and experiment with new and unusual varieties at this fun alumni event.

SIKORSKY RECEPTION

Wednesday, November 18, 6 p.m. The alumni association invites all Vaughn alumni who are Sikorsky employees for a special cocktail reception at Vazzy's in Bridgeport, Connecticut. Come reconnect with the College while networking with fellow graduates.

HOLIDAY RECEPTION

Thursday, December 10, 6 p.m. Ring in the holidays with fellow alumni and friends at our annual holiday reception at Vaughn College. Enjoy cocktails, hors d'oeuvres and entertainment as we toast to the New Year.

2016

MANAGEMENT DEPARTMENT RECEPTION

Wednesday, February 24, 6 p.m. The management department invites alumni from the program to attend a special cocktail reception at Vaughn. Come reconnect with former faculty members and classmates.

ALUMNI KARAOKE NIGHT

Thursday, March 10, 6 p.m. Come showcase your singing skills with your fellow alumni as we enjoy a fun night of karaoke, drinks and appetizers.

METS GAME

Friday, April 8, 7 p.m. Calling all Mets fans. Come cheer on our hometown team as they take on their archrival, the Philadelphia Phillies. Tickets include a pregame cocktail reception at McFaddens Restaurant and Saloon prior to game time.

FAMILY FRIENDS AND ALUMNI FESTIVAL

Saturday, May 7, 12 p.m. Vaughn College invites alumni, friends, students and their families to a festive day of food, music and entertainment.

40TH, 50TH AND 60TH ANNIVERSARY REUNION LUNCHEON: CLASSES 1976, 1966 AND 1956

Wednesday, May 18, 1:30 p.m. To commemorate the 40th, 50th and 60th year since graduating, Vaughn College will host a special reunion for the classes of 1976, 1966 and 1956.

GRADUATION CELEBRATION

Friday, May 20, 6 p.m. President Dr. Sharon B. DeVivo invites the graduating class of 2015 and alumni to attend a special graduation dinner to honor the accomplishments of the senior class.

TOUR CUBA WITH THE ALUMNI ASSOCIATION

Coming Summer 2016 Cuba is a large Caribbean island known for its white-sand beaches, rolling mountains, cigars, vintage cars and Spanish-style colonial architecture. Join us as we explore one of the most exotic locations in the world. Travel and accommodation fees will apply.

For more information or to RSVP contact Neil Gouveia at 718.429.6600, extension 112.

New Faces, New Places

The faculty and staff who were promoted or joined Vaughn College recently:

FACULTY

Loretta Bartolini

assistant professor, arts and sciences

STAFF

David Arez

admissions counselor

Justin Burmeister

facilities supervisor

James Converso

admissions counselor, admissions

Yina Diaz

financial aid counselor, financial aid

William Farrell

assistant professor, management department

Antony Lewis

shuttle bus driver, facilities

Lisa Limbach

admissions counselor, admissions

Alex Ormeno

associate director, financial aid

Stephanie Jean Pierre

financial aid counselor, financial aid

Kristal Singh

associate director from assistant director, transfer/recruitment liaison, admissions

David Sookdeo

acting director from senior associate director, admissions

ALUMNI EVENTS

NEW ZEALAND TOUR JANUARY 29 TO FEBRUARY 9, 2015



The alumni association kicked off the New Year by visiting the breathtakingly beautiful island of New Zealand. The group arrived in Auckland and then made their way to the South island completing an exciting itinerary that included a safari down the Haast River, a cruise on the Milford Sound and a visit to the Franz Joseph Glacier. The trip concluded with a dinner with fellow alumni based in New Zealand.

Vaughn College welcomed alumni, friends, students and their families to the annual alumni weekend festival. Guests enjoyed food, music, entertainment and rides in the state-of the-art flight simulators. This was the third year in a row that the event was held.

FAMILY, FRIENDS & ALUMNI WEEKEND APRIL 25, 2015



AIR TRAFFIC CONTROLLER'S REUNION MARCH 12, 2015



Air traffic control alumni were invited back to campus for a special cocktail reception. Graduates from various years came out to reconnect with former faculty members and classmates and take a tour of the newly renovated campus.

▼ The annual graduation celebration dinner at Studio Square NYC brought out alumni and members of the senior class. The event celebrated the accomplishments of the graduating class of 2015 and officially inducted them as members of the alumni association.

GRADUATION CELEBRATION MAY 15, 2015



For more information contact Neil Gouveia, director of alumni affairs at 718.429.6600 extension 112 or neil.gouveia@vaughn.edu.



VAUGHN COLLEGE: THE OFFICAL BLOG

ORIGINAL POSTS BY STUDENTS OF **VAUGHN COLLEGE**

Current research shows that one of the drivers for selecting a college is hearing from current students. In 2015 Vaughn College developed a blog where Vaughn students could give prospective students insight into the everyday life of the College. Students from all programs – engineering and technology, management and aviation share their posts at http://vaughnblog.com.

FRED LINDOR '16



"Walk straight down to the end of the hallway and the admissions department will be able to assist you." Those are the words that changed my life. Those words were my first step to becoming a student at Vaughn College.

I took the advantage of joining QuickStart, a summer program that gives incoming freshmen a head start on their college credits. During the program, I learned a lot about certain classes and the overall college experience. I was excited to begin this chapter of my life, but was even more excited that this chapter would help pave my road to success as a mechanical engineer.

But this excitement was only the beginning.

Halfway through the summer program, I was blessed with a surprise visit from my mother and father. When we settled down and got into a conversation, the topic of choice was (of course) college and my commitment for success. And then they asked me something I wasn't expecting: They asked if I'd like to live on campus during the year. Since I'm from Long Island, I never expected this, but my immediate answer was, "Yes." My parents explained that they thought it would be much easier for me to make it to class on time and to study if I lived on campus. They were definitely right. And, realistically, what teenager wouldn't want to live on his own? And so, on September 3, 2011, my Vaughn College experience truly took off.

I have learned and dealt with a lot, living on campus. I have made friends and lost friends; I have had my share of discussions and debates with professors. And through it all, each experience has taught me something. Today I can count on my closest friends, and I have matured into the man I was raised to become. In terms of maturing as a student, I have Vaughn to thank for that. In terms of maturing as a person, I thank God, my family and my friends. I wouldn't be who I am today without them.

Vaughn College

86-01 23rd Avenue

Flushing, New York 11369



New Things About VaughnCollege

NEW DEGREES

bachelor's degree programs at Vaughn:

- aeronautical sciences
- electrical engineering
- mechanical engineering



CAMPUS INVESTMENT

Over \$45 Million

invested in facilities, classrooms and labs, a teaching and learning center and new library

BEST COLLEGES

Vaughn is ranked one of the best regional Colleges in the Northeast for the

sixth year in a row



STUDENT/FACULTY RATIO

5:1 at Vaughn

RECRUITMENT

companies and More organizations than recruited on campus last year



of Vaughn graduates are employed or continue their education within one year of graduation

FINANCIAL AID

more than

The average financial aid package at Vaughn is \$15,000 package





of only

ABET-approved mechatronic engineering programs in the US

NEW LABS

new laboratories: Chemistry Mechanical **Testing and Evaluation** • Energy Conversion,

Smart Grid and Power

Vaughn flight graduates can qualify for a 250-(associate) or 500-(bachelor's) hour credit to achieve the Restricted Air Transport Pilot (R-ATP) certificate and become first officers.

