



Florida Institute of Technology
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PARTNERSHIP CATALOG

Summer 2008–Summer 2009



FLORIDA INSTITUTE OF TECHNOLOGY

MISSION STATEMENT

Florida Institute of Technology is an independent technological university that provides quality education, furthers knowledge through basic and applied research, and serves the diverse needs of our local, state, national and international constituencies.

In support of this mission, we are committed to:

- An organizational culture that values and encourages intellectual curiosity, a sense of belonging and shared purpose among faculty, students and staff, and pursuit of excellence in all endeavors;
- Recruiting and developing faculty who are internationally recognized as educators, scholars and researchers;
- Recognition as an effective, innovative, technology-focused educational and research institution;
- Recruiting and retaining a high-quality, highly selective and culturally diverse student body;
- Continued improvement in the quality of campus life for members of the university community;
- Providing personal and career growth opportunities for both traditional and nontraditional students and members of the faculty and staff.

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**UNIVERSITY ALLIANCE—FLORIDA INSTITUTE OF TECHNOLOGY
PARTNERSHIP CATALOG**

Table of Contents

<u>Institution Overview</u>	4
<u>Florida Tech</u>	4
<u>Accreditation and Memberships</u>	4
<u>University Alliance</u>	5
<u>Financial Overview</u>	6
<u>University Financial Support</u>	6
<u>Tuition and Fees</u>	6
<u>Scholarships and Financial Aid</u>	6
<u>Academic Overview</u>	9
<u>Academic Calendar</u>	9
<u>Admission Requirements</u>	12
<u>Graduation Requirements</u>	17
<u>Undergraduate Degree Programs</u>	20
<u>Associate of Arts in Liberal Arts</u>	20
<u>Associate of Arts in Business Administration</u> (Major Code: 3510)	21
<u>Bachelor of Arts in Business Administration, Accounting</u> (Major Code: 7600)	22
<u>Bachelor of Arts in Business Administration, Computer Information Systems</u> (Major Code: 7601)	24
<u>Bachelor of Arts in Business Administration, Healthcare Management</u> (Major Code: 7602)	26
<u>Bachelor of Arts in Business Administration, Management</u> (Major Code: 7603)	28
<u>Bachelor of Arts in Business Administration, Marketing</u> (Major Code: 7604)	30
<u>Bachelor of Arts in Accounting</u> (Major Code: 7610)	32
<u>Bachelor of Arts in Criminal Justice</u> (Major Code: 7620)	34
<u>Bachelor of Science in Computer Information Systems</u> (Major Code: 7630)	36
<u>Undergraduate Minor in Human Resource Management</u> (Minor Code: 6068)	38
<u>Electives</u>	38
<u>Graduate Degree Programs</u>	40
<u>Master of Business Administration in Accounting and Finance</u> (Major Code: 8333)	40
<u>Master of Business Administration in Healthcare Management</u> (Major Code: 8334)	41
<u>Master of Business Administration in Management</u> (Major Code: 8335)	42
<u>Master of Business Administration in Marketing</u> (Major Code: 8336)	43
<u>Master of Science in Information Technology</u> (Major Code: 8420)	44
<u>Course Descriptions</u>	45

This catalog contains current information regarding curricula, educational plans, offerings and requirements of the University Alliance partnership at Florida Institute of Technology, and may be altered from time to time to carry out the purposes and objectives of the university. The provisions of this catalog do not constitute a contract between University Alliance, Florida Tech and the enrolled student. The university reserves the right to change any provision, offering, requirement or fee at any time.

A student may be required to withdraw (under appropriate procedures) whenever it is deemed to be in the best interest of the student and/or the university. The university may impose probation on any student whose conduct is unsatisfactory. Any admission based on false statements or documents presented by the student is void when the fraud is discovered, and the student is not entitled to credit for work that may have been completed. When a student is dismissed or suspended from the university for cause, there will be no refund of tuition and fees paid. If a dismissed student has paid only a part of the tuition and fees, the balance due the university will be collected.

There will be no refund of tuition, fees or other payments made in the event the operation of the university is suspended as a result of any act of God, strike, riot, disruption or for any other reason beyond the control of the university.

Florida Tech does not discriminate on the basis of race, gender, color, religion, creed, national origin, ancestry, marital status, age, disability, sexual orientation, Vietnam-era veterans status or any other discrimination prohibited by law in the admission of students, administration of its educational policies, scholarship and loan programs, employment policies, and athletic or other university-sponsored programs or activities.

INSTITUTION OVERVIEW

FLORIDA TECH

Florida Tech is an accredited, coeducational, independently controlled and supported university. It is committed to the pursuit of excellence in teaching and research in the sciences, engineering, high-tech fields, business, psychology, liberal arts, aviation and related disciplines, as well as providing the challenges that motivate students to reach their full academic and professional potential. Today, over 5,100 students are enrolled, equally divided between undergraduate and graduate programs. More than 3,600 students attend class on the Melbourne campus and more than 1,400 at Florida Tech's off-campus sites. Florida Tech offers 166 degree programs in science, engineering, aviation, business, education, humanities, psychology and communication. Doctoral degrees are offered in 22 disciplines, while 76 master's disciplines are offered.

History

Founded in 1958 as Brevard Engineering College by Dr. Jerome P. Keuper, Florida Institute of Technology initially offered continuing education opportunities to scientists, engineers and technicians working at what is now NASA's John F. Kennedy Space Center. The new college grew quickly, paralleling the rapid development of America's space program. The college, dubbed by the media as the "night school for missile men," gained international attention, including a visit from legendary rocket scientist Werner von Braun.

In 1966, the college changed its name to Florida Institute of Technology to acknowledge its growing identity as a scientific and technological university, the only such independent institution in the Southeast.

From the beginning, Florida Tech has been committed to excellence in graduate education. A 1962 *New York Times* article described Brevard Engineering College as "the only space engineering college in the country ... its graduate course offers engineers the opportunity to obtain a master's degree and keep up with the advancement taking place daily at the Cape."

At the time of the article, all of the college's graduate students worked on America's race to space during the day and attended classes at night. Today, as the university has evolved, nearly 60 percent of on-campus graduate students attend and do research full time.

The university moved to its current Melbourne campus in 1961, and construction began immediately on administration and classroom buildings to augment existing buildings on the site. Before the decade's end, the university would break ground on its first million-dollar building, the Crawford Science Building. This decade, the university has added nearly \$50 million-worth of new facilities with the construction of the F.W. Olin buildings and the Charles and Ruth Clemente Center for Sports and Recreation.

Since 1958, when 154 students signed up for the first fall semester, more than 44,000 degrees have been earned by students at Florida Institute of Technology. As the institution advances and the alumni ranks multiply, the university remains dedicated to developing concerned scientists, aviators, engineers and business leaders who will change the world.

ACCREDITATION AND MEMBERSHIPS

Florida Tech is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, GA 30033-4097; (404) 679-4501) to award associate, baccalaureate, master's, education specialist, and doctoral degrees.

The university is approved by the Office of Education of the U.S. Department of Education.

The university is a member of the Independent Colleges and Universities of Florida, the American Council on Education, the College Entrance Examination Board and the American Society for Engineering Education.

UNIVERSITY ALLIANCE

The mission of the Florida Tech–University Alliance partnership is to prepare adult students, wherever they may be located, for rewarding and productive professional careers in a work environment that is increasingly global in scope, driven by rapidly changing technology and focused on quality. In pursuit of this mission we seek to provide our students with the finest possible education using the most appropriate delivery technology. We offer an education reflective of current best practices and taught by instructors who are fully qualified academically and by the virtue of professional practice.

The partnership provides nontraditional students invaluable online access to a quality education. Through the partnership, Florida Tech brings the classroom to the student with instructor-led, interactive programs that offer the same high-quality programs online that are offered to on-campus students. Associate, bachelor’s or master’s degrees can be earned anytime, anywhere.

Partnership with University Alliance provides classes via state-of-the-art interactive delivery, offering a better than live learning experience. The superior interactive delivery allows easy work–life balance, with the ability to schedule classes around a busy lifestyle. No actual classroom attendance is ever required in order to receive the same degree as on-campus students, with the option to walk with your graduating class.

In today’s competitive global marketplace, employers are demanding a higher level of education from employees than ever before. By enrolling in a Florida Tech degree program online, students gain skills they can use immediately, earning the same diploma as on campus without family, career or work disruptions. Florida Tech’s nationally recognized degree programs ensure success by opening new doors.

Florida Tech stands among the most respected and visionary research universities of the 21st century. With innovations in the fields of business, engineering, the sciences, aviation and psychology; internationally recognized faculty; a commitment to student excellence and 50,000 alumni who carry on the Florida Tech tradition through remarkable accomplishments—Florida Tech continues to rank among America’s best universities in *U.S. News & World Report*.

With dynamic features such as online chat rooms, streaming video, message boards and e-mail, students enjoy rich, real-time interaction no other Internet program can match. Watch and learn from industry professionals as lectures and course material are delivered online via streaming video or on CD-ROM. With the ability to pause, rewind and review any portion of the lecture, students are assured of complete understanding of all material before continuing.

FINANCIAL OVERVIEW

UNIVERSITY FINANCIAL SUPPORT

The university is supported by tuition and fees, research grants and contracts, and assistance from foundations, industry and the local community. Careful attention to sound business policies has placed the institution on a sound financial basis year after year.

Florida Tech was ruled tax-exempt under Section 501(c)(3) of the Internal Revenue Code (IRC) of the U.S. Treasury Department in January 1960. The university was classified in October 1970 as an organization that is not a private foundation as defined in Section 509(a) of the IRC. Gifts to the university are thus tax deductible.

TUITION AND FEES

Students are assessed tuition and fees based on the locations and programs in which they are enrolled and the degrees being pursued. Students enrolled and pursuing degrees on the Melbourne campus are assessed the Melbourne tuition and fees.

Students enrolled and pursuing degrees through University College are assessed the University College tuition and fees. Students enrolled in programs and pursuing degrees as part of a partnership arrangement with another entity are assessed the tuition and fees approved by the partnership.

In determining the amount due each term, students may subtract any scholarships, loans or grants that are made directly payable to the university. Students may also subtract any payment plan (e.g., corporate reimbursement plan) under which payments are made directly to the university by sponsoring organizations, and for which the university has been notified in writing of the student's eligibility and acceptance.

SCHOLARSHIPS AND FINANCIAL AID

Undergraduate Students

Most of Florida Tech's undergraduate students receive some type of financial assistance. The aid may be in the form of need-based grants, federal grants, federal loans or any combination of these awards.

The federal financial aid programs are available to any U.S. citizen or permanent U.S. resident who is admitted to the university and has filed the FAFSA (Free Application for Federal Student Aid).

Florida residency and eligibility for Florida state aid programs are based on state law and administrative rules.

Once the University Alliance Office of Financial Aid receives notice of a student's admittance along with the results of their FAFSA application, an award letter is sent to students via their PAWS account.

Graduate Students

As a general rule, a graduate student must be enrolled half time (at least three credit hours per 8-week term) as a regular student in a degree program and must be a U.S. citizen or an eligible noncitizen to qualify for federal and/or state financial aid.

The graduate student must also complete a FAFSA. These forms are available at www.fafsa.ed.gov.

Although applications are accepted throughout the year, we encourage graduate students to file prior to March 20 to ensure timely processing.

Students must reapply each year and maintain satisfactory academic progress as defined by the financial aid office to continue receiving federal assistance.

The *Federal Stafford Student Loan* program is available to graduate students who apply for federal assistance and who maintain at least half time (three credit hours) enrollment in graduate-level courses. Stafford loans are either subsidized or unsubsidized. A subsidized loan is awarded on the basis of financial need. The federal government pays the interest on a subsidized Stafford loan until repayment begins and during authorized deferment periods. A student may borrow up to \$18,500 in Stafford loans each year. At least \$10,000 of this amount must be in an unsubsidized Stafford loan. Cumulatively, a graduate student may borrow up to \$138,500 in Stafford loans with no more than \$65,000 in subsidized Stafford loans. The graduate debt limits include any Stafford loans received for undergraduate study.

The *Federal Graduate PLUS Loan* is a new federal loan program for credit-worthy graduate students, intended to supplement the Federal Stafford Loan. A credit-worthy graduate student may borrow the complete cost of attendance minus other financial aid. The interest rate is fixed at 8.5 percent. Payments can be deferred till after graduation, but interest accrues while the student is in school. Graduate students must be U.S. citizens or permanent residents to be eligible. Students must enroll for a minimum of three credit hours per semester to be eligible (at least half time).

VETERANS BENEFITS

Veterans benefits are administered by the Office of Veterans Affairs for each campus site. Veterans and their dependents eligible to receive Department of Veterans Affairs (VA) education benefits should contact the appropriate office after completing admission requirements.

Benefits are reviewed for certification each 8-week term the student is registered. The VA is the final authority in approving eligibility status based on the number of credit hours completed each term.

For the purpose of certification of students receiving VA benefits, the following credit hour standards are used:

Status	Undergraduate	Graduate
Full time	6	6
3/4 time	4	N/A
1/2 time	3	3
1/4 time	1	N/A

Initiating First-Time Benefits

Florida Tech students who are eligible for and have never used their educational benefits must submit one of the following forms:

Veterans

VA Form 22-1990: Application for VA Education Benefits

Survivors and Dependents of Veterans

VA Form 22-5490: Application for Survivors' and Dependents' Educational Benefits

VA education benefit forms are available online at <http://www.gibill.va.gov> (click on "Education Forms" in the left side menu and scroll down to the appropriate form). Signed forms should be copied and the original mailed to:

U.S. Department of Veterans Affairs
Atlanta Regional Processing Center
Post Office Box 100022
Decatur GA 30031-7022

The VA also accepts online applications at <http://vabenefits.vba.va.gov/vonapp/main.asp>. When applying online, mail the signature page at the end of the application to the address above.

A signed copy of the completed form should be forwarded to the Florida Tech VA certifying official:

Florida Institute of Technology
Attn: VA Certifying Official
Office of Online Learning
Quad 405
150 W. University Blvd
Melbourne, FL 32901

Resuming Benefits

Florida Tech students who have used their benefits at another institution or as a veteran, and are now on active military duty must submit one of the following forms to the Florida Tech certifying official, who will notify the VA of the change in place of training.

Veterans

Original VA Form 22-1995 Change in Program or Place of Training

Survivors and Dependents of Veterans

Original VA Form 22-5495 Change in Program or Place of Training

VA education benefit forms are available online at <http://www.gibill.va.gov> (click on "Education Forms" in the left side menu and scroll down to the appropriate form).

Non-active military duty students must furnish a copy of their DD-214 discharge paperwork. All students must furnish a copy of their Certificate of Eligibility from the VA. Copies of all paperwork should be forwarded to the Florida Tech certifying official at the address above.

Florida Tech will certify the student's registration to the VA once the student has registered for a course. The VA usually takes 6 to 8 weeks to process the student's first payment and checks are released regularly (monthly) as long as the student maintains continuous enrollment.

Student with questions related to their VA education benefits should contact the department at (888) 442-4551 or go to the VA Web site's FAQ page (<http://www.vba.va.gov/faq.htm>).

Satisfactory Progress Standards

Students receiving VA benefits are required to make satisfactory progress in their degree programs. All Florida Tech students are required to meet the academic standards and requirements as noted in the *University Catalog*. Both undergraduate and graduate students receiving VA benefits are expected to meet the VA standard of maintaining a cumulative grade point average (GPA) of 2.0 for undergraduate students and 3.0 for graduate students.

The first term the cumulative GPA falls below the minimum, the student is placed in a warning status; a second term places the student in probationary status. A third term below the minimum cumulative GPA may result in termination of veterans education benefits.

After termination, an appeal may be made to the VA for resumption of benefits. Based in part on the university's recommendation, the VA will determine whether or not to resume the payment of education benefits to the student.

Vocational Rehabilitation

In order to be eligible, applicants must have a service-connected disability rated at 10 percent or more that causes a demonstrable employment handicap, and have received or will receive a discharge under other than dishonorable conditions.

An eligible veteran is entitled to 48 months of benefits and generally has 12 years from the date he/she is notified of entitlement to VA compensation in which to use these benefits.

Initiating First-Time Vocational Rehabilitation Benefits

Veterans who have never applied for Chapter 31 benefits must fill out the VA Form 28-1900 Chapter 31 from <http://www.gibill.va.gov> (click on "Education Forms" in the left side menu and scroll down to the appropriate form). Signed forms should be copied and the original mailed to:

U.S. Department of Veterans Affairs
Atlanta Regional Processing Center
Post Office Box 100022
Decatur GA 30031-7022

Students must also fill out their DD-214 discharge paperwork. The VA will notify the student directly of eligibility and schedule an interview with a VA counselor to establish benefits. Once final approval is granted, the approval will be provided to the local VA case manager who then provides the form 28-1905 to the Florida Tech certifying official.

Resuming/Continuing Vocational Rehabilitation Benefits

In order to resume or continue vocational rehabilitation benefits with Florida Tech, it is necessary that a current 28-1905 from the VA case manager be on file with the certifying official. If one is not currently on file with the certifying official, the student should contact their VA case manager and request one to be provided.

UNIVERSITY ALLIANCE

ACADEMIC CALENDAR

Summer 1 – 2008

Feb. 20	.....	First day to register for Summer 1
April 23	.....	Last day to register for Summer 1 without a late fee
April 24	.....	First day to register for Summer 2
April 30	.....	Last day for Summer 1 confirmation of tuition or financial aid
April 30	.....	Last day to register for Summer 1 with a late fee
May 5	.....	CLASSES BEGIN (Monday)
May 11	.....	Last day to withdraw with a full refund
May 26	.....	Holiday (<i>Memorial Day</i>)
June 15	.....	Last day to withdraw with a W and no refund
June 27	.....	Last day to file a Petition to Graduate for Fall 1 – 2008 without a late fee
June 29	.....	Last Day of Classes (Sunday)

Summer 2 – 2008

April 24	.....	First day to register for Summer 2
June 25	.....	Last day to register for Summer 2 without a late fee
June 26	.....	First day to register for Fall 1
July 2	.....	Last day for Spring 2 confirmation of tuition or financial aid
July 2	.....	Last day to register for Summer 2 with a late fee
July 4	.....	Holiday (<i>Independence Day</i>)
July 7	.....	CLASSES BEGIN (Monday)
July 13	.....	Last day to withdraw with a full refund
Aug. 17	.....	Last day to withdraw with a W and no refund
Aug. 29	.....	Last day to file a Petition to Graduate for Fall 2 – 2008 without a late fee
Aug. 31	.....	Last Day of Classes (Sunday)

Fall 1 – 2008

June 26	.....	First day to register for Fall 1
Aug. 20	.....	Last day to register for Fall 1 without a late fee
Aug. 21	.....	First day to register for Fall 2
Aug. 27	.....	Last day for Fall 1 confirmation of tuition or financial aid
Aug. 27	.....	Last day to register for Fall 1 with a late fee
Sept. 1	.....	CLASSES BEGIN (Monday)
Sept. 1	.....	Holiday (<i>Labor Day</i>)
Sept. 7	.....	Last day to withdraw with a full refund
Oct. 6	.....	Holiday (<i>Columbus Day</i>)
Oct. 12	.....	Last day to withdraw with a W with no refund
Oct. 24	.....	Last day to file a Petition to Graduate for Spring 1 – 2009 without a late fee
Oct. 26	.....	Last Day of Classes (Sunday)

Fall 2 – 2008

Aug. 21	.....	First day to register for Fall 2
Oct. 15	.....	Last day to register for Fall 2 without a late fee
Oct. 16	.....	First day to register for Spring 1
Oct. 22	.....	Last day for Fall 2 confirmation of tuition or financial aid
Oct. 22	.....	Last day to register for Fall 2 with a late fee

Oct. 27 CLASSES BEGIN (Monday)
 Nov. 2 Last day to withdraw with a full refund
 Nov. 11 Holiday (*Veterans Day*) Observed
 Nov. 26–28 Holiday (*Thanksgiving*)
 Dec. 7 Last day to withdraw with a W with no refund
 Dec. 13 Fall Commencement Exercises
 Dec. 19 Last day to file a Petition to Graduate for Spring 2 – 2009 without a late fee
 Dec. 21 Last Day of Classes (Sunday)

Spring 1 – 2009

Oct. 16 First day to register for Spring 1
 Dec. 31 Last day to register for Spring 1 without a late fee
 Jan. 1 First day to register for Spring 2
 Jan. 7 Last day for Spring 1 confirmation of tuition or financial aid
 Jan. 7 Last day to register for Spring 1 with a late fee
 Jan. 12 CLASSES BEGIN (Monday)
 Jan. 18 Last day to withdraw with a full refund
 Jan. 19 Holiday (Martin Luther King Jr. Day)
 Feb. 16 Holiday (Presidents Day)
 Feb. 22 Last day to withdraw with a W with no refund
 March 6 Last day to file a Petition to Graduate for Summer 1 – 2009 without a late fee
 March 8 Last Day of Classes (Sunday)

Spring 2 – 2009

Jan. 1 First day to register for Spring 2
 Feb. 25 Last day to register for Spring 2 without a late fee
 Feb. 26 First day to register for Summer 1
 March 4 Last day for Spring 2 confirmation of tuition or financial aid
 March 4 Last day to register for Spring 2 with a late fee
 March 9 CLASSES BEGIN (Monday)
 March 15 Last day to withdraw with a full refund
 April 19 Last day to withdraw with a W with no refund
 May 1 Last day to file a Petition to Graduate for Summer 2 – 2009 without a late fee
 May 3 Last Day of Classes (Sunday)
 May 8 Spring Commencement Exercises (Friday)

Summer 1 – 2009

Feb. 26 First day to register for Summer 1
 April 22 Last day to register for Summer 1 without a late fee
 April 29 Last day for Summer 1 confirmation of tuition or financial aid
 April 29 Last day to register for Summer 1 with a late fee
 April 30 First day to register for Summer 2
 May 4 CLASSES BEGIN (Monday)
 May 10 Last day to withdraw with a full refund
 May 25 Holiday (*Memorial Day*)
 June 14 Last day to withdraw with a W and no refund
 June 25 First day to register for Fall 1
 June 26 Last day to file a Petition to Graduate for Fall 1 – 2009 without a late fee
 June 28 Last Day of Classes (Sunday)

Summer 2 – 2009

April 30..... First day to register for Summer 2
June 24..... Last day to register for Summer 2 without a late fee
June 25..... First day to register for Fall 1
July 1 Last day for Summer 2 confirmation of tuition or financial aid
July 1 Last day to register for Summer 2 with a late fee
July 4 Holiday (Independence Day)
July 6 CLASSES BEGIN (Monday)
July 12 Last day to withdraw with a full refund
Aug. 16 Last day to withdraw with a W and no refund
Aug. 28 Last day to file a Petition to Graduate for Fall 2 – 2009 without a late fee
Aug. 30 Last Day of Classes (Sunday)

ADMISSION REQUIREMENTS

Undergraduate Students

General admission requirements for students applying for an associate of arts or a bachelor of art degree are as follows.

Any student with a high school diploma or a General Equivalency Diploma (GED) is eligible to enroll. Students must be 22 years of age or in active U.S. military service. Students are required to take a minimum of the last 25 percent of credit hours while enrolled through Florida Tech in order to receive an associate's or bachelor's degree.

Application Process

Students may enroll for up to two (2) consecutive 8-week terms before being fully admitted. Full admission is satisfied once all submitted material including official transcripts have been received and evaluated by Florida Tech. Students should complete the following steps:

1. Complete the online admission application and submit the one-time \$75 nonrefundable application fee
2. Provide official transcripts from regionally accredited high school graduation or GED, if applying with less than 30 semester college credits completed at a regionally accredited institution
3. Official transcripts are required for all students seeking admission to a Florida Tech online degree program. Provide official transcripts of all current or previously attended colleges and universities
4. Provide official records for advanced testing/external examination credit (i.e. CLEP, advanced placement examinations)

Students with credit hours from other institutions will automatically be evaluated for transfer credit as a part of the application process. Only courses with a grade of C or better received from a regionally accredited college or university will be considered for transfer credit (see "Classification of University Alliance Students" below).

All incoming degree-seeking students are required to take diagnostic assessments in mathematics and English to determine the appropriate academic requirements and classes.

Only fully admitted students are eligible for federal financial aid (Stafford loans). The full application is required if financial aid will be requested.

Transient Students

Transient students are those students who are using Florida Tech to meet requirements for their home institution. Florida Tech allows these students to enroll in up to two consecutive 8-week terms by following the transient student admissions process that includes an application, an application fee and a copy of their current university transcripts. Transient students are not required to take Mastering eLearning (ASC 1006) or complete diagnostic assessments.

Graduate Students

Admission to graduate study is granted to qualified applicants. Successful applicants for the master's degree will have received a bachelor's degree from a regionally accredited institution or its equivalent internationally in a program that provides suitable preparation in the applicant's chosen field.

Registration Prior to Admission

Registering prior to admission allows students to begin classes while gathering all application components. Students are required to complete the online application and submit the required documents. Students may register for up to two consecutive eight-week terms before being fully admitted.

Registering prior to admission and pending formal acceptance requires a determination of a high probability of eventual acceptance into the program applied for and that registration prior to admission is in the best interest of both the academic unit and the student.

Students who register prior to admission are not eligible to receive federal student financial aid until fully admitted to the university. Such registration requires a preliminary review of written documentation from the degree-granting institution (not necessarily official) showing previous academic courses taken, grades received and degrees awarded. In the event that applicants are denied admission while enrolled in graduate courses, they will be given the option of either withdrawing with full tuition refund or completing the courses underway. If the applicant completes one or more graduate courses prior to being denied admission or completes a course for any other reason, he or she will not be given the option of withdrawing or receiving a tuition refund after completing the course.

Application Procedures

Applicants for master's degree programs may submit their applications for the upcoming term at www.floridatechonline.com. Students must complete the application and provide all required documents to be considered for full admission and/or to request financial aid. Please be aware that only fully admitted students are eligible for federal financial aid. Applicants may enroll in up to two (2) consecutive 8-week terms before being fully admitted. The following steps should be completed.

1. Application and Fee: Complete the online application at www.floridatechonline.com. A nonrefundable application fee must accompany your application. The amount required varies based on the degree program.
2. Transcripts: Provide official transcripts from all colleges or universities attended. Transcripts will be requested on your behalf as part of application process.

3. Recommendations: For the M.B.A. degree, potential applicants are requested to submit recommendations from individuals who can attest to previous academic and professional performance and to potential for success in graduate study. See the instructions on the online application for submission of recommendation letters.
4. Résumé: A résumé is requested of all applicants for graduate admission and should detail all past professional and educational experiences including such information as publications and memberships in professional organizations. Nontraditional educational experiences, teaching and relevant employment should be included.

Transient Application

A transient student is defined as any student in another accredited university pursuing a master's degree. A transient student may seek admission to a degree program through the normal admission process. If a transient student subsequently decides to pursue either an undergraduate or graduate degree at Florida Tech and is accepted into the degree program, a maximum of 12 semester credit hours earned as a transient student may be applied toward the degree, provided the course work is academically appropriate. Transient students are required to:

1. Complete the online application form
2. Provide a copy of transcripts from the university that granted the bachelor's degree
3. Provide a copy of transcripts from current graduate program
4. Pay the nonrefundable application fee
5. Provide proof of English language proficiency if English is not the student's home language
6. Provide a copy of passport or naturalization papers if the student is not a U.S. citizen

All transient students must have met all prerequisite requirements and may be registered for no more than two consecutive eight-week terms. Once the Florida Tech courses have been completed, the student may request a transcript to be sent to his/her home academic institution from the Florida Tech registrar's office after grades are posted. This is not an automatic process. Students must request the transcript to be sent.

Transient students are required to be in good standing at their home academic institution. No more than 12 semester credit hours of graduate-level courses taken as a transient student may be transferred to an academic degree program at Florida Tech.

International Students

Undergraduate and Graduate Students

An international applicant is defined as any non-U.S. citizen or any U.S. citizen whose high school diploma was earned outside of the United States. In addition to the required application components, international students must also submit the following:

1. International students must submit transcripts directly from the university or school attended, and the transcripts must carry the official seal of the institution. In cases where official transcripts cannot be sent, photocopies of the transcripts may be submitted if:
 - the photocopies are attested by a duly authorized official to be true copies of the original documents;
 - each page carries the authorized seal of the official; and
 - all English translations are attested to be true translations of the transcript.
2. Applicants with transcripts and credits taken at accredited secondary and post-secondary institutions outside the United States must submit a certified credential evaluation from an approved "Credential Evaluation Service" (see list of approved agencies below).
3. International applicants must prove English language proficiency through one of the following requirements:
 - Minimum scores on the Test of English as a Foreign Language (TOEFL) taken within two years of applying for admission to Florida Tech, including 550 on the paper-based test, 213 on the computer-based test, 79 on the Internet-based test, or a score of at least 6.5 on the IELTS.
 - Successful completion of three years of English composition with a grade of B or better, from an accredited, mainland U.S. high school where English is the language of instruction.
 - Successful completion of a total of 20 semester hours at an accredited, mainland U.S. university or college where English is the language of instruction, including three semester hours of English that qualify as transfer credit for Florida Tech's Composition and Rhetoric (COM 1101) course.
4. International applicants who are U.S. residents must submit a copy of a U.S. Visa or permanent resident card. *Florida Tech will not provide assistance in obtaining a Visa.*
5. Naturalized citizens (born outside the U.S. who are now citizens of the U.S.) must provide proof of citizenship (naturalization paperwork, copy of passport or a resident Visa card).

Florida Tech will review international transcripts and credits taken at accredited secondary and post-secondary institutions on receipt and translation of all official documentation and credentials from international applicants.

All transfer credit is granted in accordance with the National Association of Foreign Student Advisers (NAFSA) and the American Association of Collegiate Registrars and Admissions Officers (AACRAO). The Florida Tech University Registrar evaluates all transcripts presented that indicate academic course work beyond the high school level. The registrar will determine the exact number and nature of credits granted once the international evaluation is received.

Approved Evaluation Agencies for International Students

World Education Services

P.O. Box 745
Old Chelsey Station
New York, NY 10113
(800) 937-3895
(212) 966-6395 Fax
info@wes.org
www.wes.org

AACRAO

Office of International Education
Services
One Dupont Circle, NW, Suite 520
Washington, DC 20036-1135
(202) 293-9161
oies@aacrao.org
www.aacrao.org

Educational Credentials Evaluators

P.O. Box 514070
Milwaukee, WI 53202
(414) 289-3400
(414) 289-3411
eval@ece.org
www.ece.org

Transfer Credit

Undergraduate Students

Transfer credit evaluations will be conducted at the time of formal admission to the university and will not be reviewed for transfer credit until a full application is completed including all transcripts and documentation. Unofficial evaluations will not be conducted.

Transfer credit may be awarded for courses taken at a college or university accredited by a regional accrediting association in the United States, or with equivalent recognition in the case of a college or university elsewhere.

Transfer credit requires a grade of at least C, or the equivalent and a determination that the work is equivalent to that given at Florida Tech in course content and hours. Credits can be transferred without being applicable toward the student's desired degree. Grades and grade points are not transferable. Florida Tech's forgiveness policy is not applicable toward transfer credits. Credit will not be given for courses listed on a transcript without a grade, courses carrying grades but not credit hours, vocational/technical courses, correspondence courses, internship, practicum or experiential learning. Transfer credit for grades of 'P' or 'S' are subject to the approval of the University Registrar.

Generally, courses taken more than 10 years before enrollment at Florida Tech will not be considered for undergraduate transfer credit. If a student wishes to receive credit for those courses, the course descriptions from the terms in which the courses were taken must be submitted. Once evaluation is complete, the student's academic department head will determine if these transfer credits can be applied to the student's program requirements. This policy does not apply to Florida Tech courses taken more than 10 years prior to re-enrollment at Florida Tech.

The official certification of transfer credit is performed by the Office of the Registrar, based on evaluations performed by the academic units responsible for the subject matter areas represented by the transfer courses, except for courses for which there is no corresponding Florida Tech program. In the latter case, the University Registrar is the sole approving authority. Official transfer credit is reported on the transcript in terms of equivalent Florida Tech course identifications, if any, and otherwise as electives, either with the subject area identified (e.g., physical science elective) or as undesignated transfer credits. The use of any transfer credit, other than credit for a specific Florida Tech course, in meeting degree requirements is subject to the approval of the faculty responsible for the degree program. Transfer students may be asked to provide the registrar with college catalog(s) and/or course syllabi and names of textbooks used in courses to help assure a thorough transfer credit evaluation.

Certification of transfer credit is based on official transcripts bearing the correct seals and authorized signatures from all former institutions. A transcript is considered official only when mailed directly to Florida Tech from the issuing institution. The Office of the Registrar coordinates the process, certifies courses without respect to the major and provides notice of the official evaluation. Regional accreditation allows two (2) consecutive 8-week terms in which to complete the transfer credit process.

Courses taken at another university that are equivalent in content to Business Computer Skills (CIS 1140) will only be considered for transfer if the course is no more than five years old. If the student has an associate degree from Florida Tech, they will not be required to retake this course.

Graduate Students

If the courses constitute a logical part of the student's master's program, a maximum of 12 semester hours of transfer credit from regionally accredited institutions may be accepted, with the approval of the head of the appropriate academic unit and the director of graduate programs under the following conditions:

1. The courses must have been taken for graduate credit.
2. They must have been graded courses, and grades of at least B or equivalent must have been earned in each course.
3. They must have been taken not more than six years prior to the student's first enrollment at Florida Tech. No credit is given for courses listed on transcripts without grades, for courses carrying grades but not credit hours, for vocational/technical courses, correspondence courses, experiential learning, or for courses taken at an institution based in the United States that is not accredited by a regional accrediting association. Transfer credits are not included in the computation of grade point averages.

Statute of Limitations

A seven-year statute of limitations is in effect on all work applied toward a master's degree at Florida Tech. All course work and thesis research including thesis/design project acceptance or final program examination, must be completed within a total elapsed time span of not more than seven years. An academic unit head may approve a waiver of the statute of limitations for up to six semester credit hours of course work taken either at Florida Tech or elsewhere, subject to the following conditions:

1. Any course so approved must have been completed within the previous 10 years, and with a grade of at least B.
2. Only those courses where course content has not changed significantly in the intervening years may be approved.
3. The student must provide evidence of current mastery of the course content.

The academic unit head must notify the registrar in writing of the action. A waiver is in effect for a period of seven years from the time it is approved. Courses over the time limit for which the limit has not been waived may be removed upon written request from GPA calculations.

Last Date of Attendance

The learning management system (LMS) tracks student attendance electronically. In order to participate in class or access class materials students are required to log into the system with a unique username and password. This allows Florida Tech to track the last day of attendance with complete accuracy and detail.

Standards of Progress

Undergraduate Students

Florida Tech defines the academic year for University Alliance undergraduate programs as 24 credit hours over 32 weeks of instruction. Students are classified by year as:

First year	0–24 credit hours
Second year	25–48 credit hours
Third year	49–72 credit hours
Fourth year	73–96 credit hours
Fifth year	97 credit hours and above

Students enrolled in an associate degree program would not progress past second-year status for purposes of the Federal Family Education Loan Program.

All new students are classified as first year unless they have completed sufficient transferable credit hours at another college or university to qualify for advanced standing at Florida Tech. The university operates on the semester system, and course credits are computed on that basis. For those students who have completed work elsewhere, classification is based on credit hours accepted at Florida Tech rather than the amount of work presented.

Grading System

Grade	Equivalent	Quality Range	Points
A	excellent	90–100	4
B	good	80–89	3
C	average	70–79	2
D	poor	60–69	1
F	failure	0–59	0
I	incomplete course work		
AU	audit–no grade		
P	pass, no effect on GPA		
W	official withdrawal		

Notification

At the end of each 8-week term, the Office of the Registrar notifies enrolled students of grades earned by posting them to students' Web records (PAWS). These grades become a part of the official student permanent record and are not subject to change, except on authorization from the instructor, academic unit head and respective dean.

Appeal

On occasion, a student may find it necessary to appeal a grade. Students should use the following procedure when necessary. The student should contact the instructor in writing to request a review of the issue. If the dispute is not resolved with the instructor, the student should e-mail the issue and details of the reason for the grade appeal to the program chair, who will examine the merit of the case and approve or deny the appeal. If the appeal is denied, the student may appeal the decision with the dean of the appropriate college through the program chair. Every effort should be made by all parties concerned to resolve the grievance within 90 days.

Graduate Students

Grading System and Requirements

Graduate work is evaluated by letter grades, with only grades of A, B, C and P being credited toward graduate degrees. Grades of D and F are failing grades in graduate courses. Failed courses must be repeated at the earliest opportunity, if they are required courses. An elective course in which a D or F is received must be repeated, unless the academic unit approves an additional course to be taken in its place.

The program GPA is based on the student's program plan and includes all courses shown on the program plan as applying toward the degree, both graduate numbered and undergraduate numbered. In cases where the degree-related GPA referred to above does not include all graduate courses taken at Florida Tech, an overall GPA is also calculated and reported. Graduate courses used to compute the overall GPA, but not the program GPA, include courses taken as deficiencies, courses unrelated to the student's degree program, courses taken prior to a change of major and courses taken in satisfaction of the requirements of a previously earned graduate degree. Courses related to the degree program that are taken in excess of degree requirements are normally included in the program plan. It is not possible to delete a course from a program plan once the course has been taken, although an exception is made if the statute of limitations is exceeded, at which time it is dropped from the program plan and from both the program and overall GPAs. Courses are not otherwise dropped from the overall GPA except by special action of the Graduate Council following a change of major. If no degree was earned in the first major and the courses are clearly not applicable to the new major, the council can approve deletion from the overall GPA.

Notification

At the end of each 8-week term, the Office of the Registrar notifies enrolled students of grades earned by posting them to students' Web records (PAWS). These grades become a part of the official student permanent record and are not subject to change, except on authorization from the instructor, academic unit head and respective dean.

Appeal

On occasion, a student may find it necessary to appeal a grade. Students should use the following procedure when necessary. The student should contact the instructor in writing to request a review of the issue. If the dispute is not resolved with the instructor, the student should e-mail the issue and details of the reason for the grade appeal to the program chair, who will examine the merit of the case and approve or deny the appeal. If the appeal is denied, the student may appeal the decision with the dean of the appropriate college through the program chair. Every effort should be made by all parties concerned to resolve the grievance within 90 days.

Grade Point Average (GPA)

Undergraduate Students

A student's academic standing is expressed by the cumulative GPA, determined by dividing the total number of grade points earned at Florida Tech by the total number of credit hours attempted. The number of grade points for each course is the product of the credit hours for the course and 4 for A, 3 for B, 2 for C, 1 for D, or 0 for F. Plus and minus grades (e.g., B+) are not used at Florida Tech. The GPA is truncated at three digits. In the case of multiple graduate degrees, the transcript reports an overall GPA for all courses taken as a graduate student.

Undergraduate and graduate GPAs are never combined. An undergraduate student who takes a graduate course and wishes it to be included on his or her undergraduate transcript must submit a written request to the registrar's office. Once the graduate course has been included on the undergraduate transcript it cannot be used toward fulfillment of the requirements of any graduate degree, except in the case of students participating in an accelerated master's program. Accelerated or fast track programs are not available in all majors or colleges.

Students are able print grades from the PAWS systems. This should be the avenue for reporting grades to employers.

Graduate Students

In the case of multiple graduate degrees, the transcript reports an overall GPA for all courses taken as a graduate student.

Undergraduate and graduate GPAs are never combined. An undergraduate student who takes a graduate course and wishes it to be included on his or her undergraduate transcript must submit a written request to the registrar's office. Once a graduate course has been included on the undergraduate transcript it cannot be used toward fulfillment of the requirements of any graduate degree, except in the case of students participating in an accelerated master's program. Accelerated or fast track programs are not available in all majors or colleges.

Forgiveness Policy (Retaking a course)

Undergraduate Students

The forgiveness policy is a system by which an undergraduate student may repeat an undergraduate course with only the last grade received for this course (this grade may be an F) used in the cumulative grade point average, and in evaluating the fulfillment of graduation requirements. However, both the last grade and the grade in which the forgiveness policy was applied will be calculated for determining graduation honors. All grades received in any course, including those retaken under the forgiveness policy, are retained and recorded on the transcript. Credits where the forgiveness policy has been applied to a course will be removed from both the term and overall GPAs.

An undergraduate student is allowed to apply forgiveness to undergraduate courses a maximum of five times during his or her Florida Tech career. No forgiveness is allowed for subsequent retakes above the maximum of five; all subsequent grades are averaged into the cumulative grade point average. A student attaining 90 or more credit hours may not apply the forgiveness policy to 1000- and 2000-level courses. The forgiveness policy does not apply to graduate courses, even if taken by an undergraduate student, or to undergraduate courses taken by a graduate student.

A Request to Retake a Course form must be completed for every course retaken under the forgiveness policy. This form is due in the registrar's office no later than Friday of the fifth week of classes to be applied that term. This form is a binding agreement between the student and Florida Tech. Once applied to a repeated course, forgiveness cannot be reversed.

Graduate Students

The forgiveness policy does not apply to graduate students.

GRADUATION REQUIREMENTS

Undergraduate Students

To receive an associate of arts or a bachelor of arts degree, a cumulative Florida Tech grade point average of 2.0 or higher is required. In the case of a student seeking two or more bachelor degrees, a program GPA of at least 2.0 is required in each program for which a degree is awarded, as well as the overall GPA of at least 2.0 that is required for the award of any bachelor's degree. All student accounts must be paid in full at the time of graduation; this includes completion of all payment plans. In addition, any remaining items such as library holds, exit interviews or any other holds on the student file must be cleared before graduation. Until all holds including final payments have cleared, the degree being awarded will not be added to official transcripts and/or a diploma released to the student. The time frame for receipt of a diploma once all requirements are met is four to six weeks. Any student that needs a letter verifying the completion of a degree may contact the registrar's office.

Residency Requirements

To qualify for an associate or bachelor degree from the university, no less than 25 percent of work must be completed at Florida Tech, and must include the final 12 credit hours before graduation. A request for waiver of the requirement for the final 12 credit hours to be taken in residence must be submitted in advance to the registrar's office for consideration. The 25 percent requirement cannot be waived. Graduate students may transfer in a maximum of 12 credit hours; all other program requirements must be met at Florida Tech.

Graduate Students

To receive a master of science or master of business administration degree, a cumulative Florida Tech GPA of 3.0 or higher is required. A master's student must demonstrate academic proficiency in course work and must show reasonable progress toward the 3.0 GPA required for graduation. Both the overall GPA and the applicable program GPA must be 3.0 or greater for any master's degree to be awarded.

All student accounts must be paid in full at the time of graduation; this includes completion of all payment plans. In addition, any remaining items such as library holds, exit interviews or any other holds on the student file must be cleared before graduation. Until all holds including final payments have cleared, the degree being awarded will not be added to official transcripts and/or a diploma released to the student. The time frame for receipt of a diploma once all requirements are met is four to six weeks. Any student that needs a letter verifying the completion of a degree may contact the registrar's office.

Residency Requirements

Florida Tech does not have a residency requirement for graduate students. Graduate students may transfer in a maximum of 12 credit hours; all other program requirements must be met at Florida Tech.

Classification of Students

Assignment to one of the following classifications is made at the time of admission.

1. Regular Students: A student whose undergraduate GPA is 3.0 or greater out of a possible 4.0 and who meets all other criteria for admission to a particular program.
2. Provisional Student: A student whose undergraduate GPA is less than 3.0 out of a possible 4.0 or equivalent. After completing nine semester credit hours, a provisional student with a GPA of 3.0 or greater is reclassified as a regular student.

Graduate Study at Another Institution

A currently enrolled graduate student may take a limited number of courses at other institutions for transfer to a Florida Tech graduate degree program. The restrictions on graduate transfer credit apply. Prior approval is mandatory. The student must complete and submit the designated form with all required signatures and a written justification. A copy of the other institution's published course descriptions(s) must be attached. The student must arrange for an official transcript to be sent by the other institution to the Florida Tech registrar's office.

Program Plan

Each master's-level graduate student is required to have an approved program plan on file. It should be submitted at the time of application. Only one program plan can be in effect for a student at any given time. Because of the importance of the program plan in establishing a new program GPA following a change of major, no request to change majors will be processed unless accompanied by an approved new program plan. This requirement applies whether a degree was earned in the first major or not.

Probation and Dismissal

Undergraduate Students

An undergraduate student is placed on academic probation at the end of any term completed with a cumulative grade point average (GPA) less than 2.0, while graduate students must maintain a 3.0 cumulative grade point average. All condensed-format classes completed within a term, including any 8-week University Alliance courses, will be reviewed only at the end of each term.

At the end of the probationary term, the undergraduate student's academic performance is reviewed, and if the cumulative GPA has increased to 2.0 or greater, the probationary status is removed. If not, the probationary status is continued if the cumulative GPA exceeds the applicable minimum level defined as follows, where the number of credit hours includes transfer credits, credits by examination and all Florida Tech credits earned.

0 to 59 undergraduate credit hours..... at least 1.50

60 to 89 undergraduate credit hours..... at least 1.70

90 or more undergraduate credit hours..... at least 1.90

An undergraduate student is academically dismissed at the end of any probationary term in which the cumulative GPA does not reach the level defined in the preceding paragraph, with the exception of a student who has been reinstated and is meeting all reinstatement conditions.

Dismissal may result from cheating or plagiarism when acted on by the University Disciplinary Committee and approved by a committee consisting of the student's college dean, the associate provost for student affairs and dean of students, and members of the faculty and student body.

Notification/Right of Appeal (Probation/Dismissal)

The registrar will send notification of academic dismissal from the university to the student.

An academically dismissed student may be reinstated for educationally sound reasons by special action of the Academic Standing Committee of the college in which the student is enrolled. A letter requesting reinstatement should be submitted to the committee through the program chair. A student who has been away from the university for four or more consecutive terms and was dismissed after the last term of enrollment must submit a letter of appeal for reinstatement. The letter is sent to the Office of Online Learning along with the application for readmission. Students reinstated by the Academic Standing Committee maybe subject to special requirements as determined by the committee. Failure to meet the conditions specified at the time of reinstatement will result in a second dismissal, with the student retaining the right to request another reinstatement, although such requests are normally granted only in extraordinary cases.

Graduate Students

A graduate student must continue to demonstrate academic proficiency in the program by attaining passing grades and maintaining a minimum 3.0 cumulative GPA at all times. Failure to do so will result in probation, suspension or dismissal.

Dismissal may result from cheating or plagiarism when acted on by the University Disciplinary Committee and approved by a committee consisting of the student's college dean, the associate provost for student affairs and dean of students, and members of the faculty and student body.

Notification/Right of Appeal (Probation/Dismissal)

The registrar will send notification of academic dismissal from the university to the student.

Graduate students will receive written notification when they are not in good academic standing. They may appeal as specified in their letter of notification.

Student Conduct

Academic Integrity Statement

Academic honesty is highly valued in Florida Tech's online courses. The student must always submit work that represents original words or ideas. If any words or ideas are used that do not represent those original words or ideas, the student must cite all relevant sources and provide a clear definition of the extent to which such sources were used.

Words or ideas that require citation include, but are not limited to, all hard copy or electronic publications, whether copyrighted or not, and all verbal or visual communication when the content of such communication clearly originates from an identifiable source. In a Florida Tech online course, all submissions to any public meeting (bulletin board or private mailbox) fall within the scope of words and ideas that require citations if used by someone other than the original author.

Academic dishonesty in an online learning environment could involve:

- Having a tutor or friend complete a portion of the student's assignments
- Having a reviewer make extensive revisions to an assignment
- Copying work submitted by another student to another public class meeting
- Using information from online information services without proper citation

Any of these practices could result in charges of academic dishonesty.

Florida Tech views acts of cheating, plagiarism and academic dishonesty very seriously. The penalties for any type of dishonesty are at the instructor's discretion in conjunction with student's college dean. Depending on the severity of the infraction, the penalties for

acts that seem intentional range from a failing grade of F (0 points) on the assignment to a failing grade of F for the course. Severe acts that seem intentional will be forwarded to the Dean of Students with a recommendation for formal disciplinary action. Any act of dishonestly will be documented for future reference in the student's academic file.

All Florida Tech faculty have access to <http://www.turnitin.com/static/home.html>. This service is used to determine if plagiarism has occurred and may be used at the discretion of the faculty member for any assignments, required class work and tests.

The complete student conduct policy for online students may be found in the *2007–2008 Student Handbook for Online Students*.

Academic Support

Online tutoring is available to students via a service called Smarthinking. Students can access this service by clicking on the Resources tab within their course site. For 1000 and 2000 level courses, there will be a direct link to Smarthinking at the course site. For all other courses, it will be mentioned in the syllabus. Students can get live, online tutoring, as well as reviews and comments about essays and reports.

More information about this service and sample tutorials are available at <http://www.smarthinking.com/static/sampleTutorials>.

UNDERGRADUATE DEGREE PROGRAMS

ASSOCIATE OF ARTS DEGREES

Associate of Arts in Liberal Arts (Major Code:3500) _____

ASC 1006	Mastering eLearning	1
COM 1101	Composition and Rhetoric	3
COM 1102	Writing About Literature	3
EDS 1021	General Physical Science	3
EDS 1022	General Biological Science	3
HUM 2051	Civilization 1	3
HUM 2052	Civilization 2	3
	Electives*	27
	Humanities Electives	6
	Restricted Electives (MTH 1000-level or higher)	6
	Social Science Electives	6
TOTAL REQUIRED CREDITS		64

**Electives are chosen based on common program prerequisites for the intended upper-division major. Students are encouraged to discuss elective options with their adviser.*

Humanities electives chosen from the following:

EHC 1103	Medical Ethics
EMG 3328	Business Ethics
HUM 1020	Art Appreciation
HUM 1021	Integrated Arts
HUM 1023	Philosophy of Human Nature
HUM 1024	Religions of the World 1: Western Religions
HUM 1025	Religions of the World 2: Eastern Religions
HUM 2226	Survey of World Literature 2
HUM 2233	Modern Middle East
HUM 3275	Contemporary Literature

Social Science elective chosen from the following:

EEC 2303	Introduction to Macroeconomics
EEC 2304	Introduction to Microeconomics
CRM 1000	Introduction to Criminal Justice
CRM 2320	Drugs, Crime and Society
PSY 1411	Introduction to Psychology
SOC 1101	Human Behavior Perspective
SOC 2551	Social Problems

Associate of Arts in Business Administration (Major code: 3510)_____

The undergraduate program in business administration concentrates on a combination of basic and advanced courses in the various business disciplines. These are coordinated with courses covering current developments in the field, such as environmental aspects, quantitative techniques and computer applications. The emphasis of the business administration curriculum is on relevance, and the courses are continually updated with the objective of equipping each student with a background in the science of management. This will permit students to contribute significantly to their chosen occupations after graduation.

The curriculum is designed to permit the student to acquire a foundation in all areas of business administration: accounting, business law, information systems, economics, finance, marketing, management, quantitative methods and statistics.

After graduation, the student has an excellent background in the business and management fields and can directly enter the job market, in commerce, industry, government or other areas. Many students may wish to continue into graduate school or enter one of the professional fields such as law, where they will have had an excellent undergraduate preparation.

Candidates for a Bachelor of Science in Business Administration must complete the minimum course requirements as outlined in the following curriculum.

Term 1

ASC 1006 [Mastering eLearning](#) 1
CIS 1140 [Business Computer Skills](#).....3

Term 2

COM 1101 [Composition and Rhetoric](#) 3
MTH 1701 [College Algebra](#).....3

Term 3

COM 1102 [Writing about Literature](#) 3
MTH 1703 [Finite Mathematics](#).....3

Term 4

COM 2224 [Business and Professional Writing](#).....3
EDS 1022 [General Biological Science](#) 3

Term 5

EAC 2211 [Principles of Accounting 1](#) 3
EDS 1021 [General Physical Science](#).....3

Term 6

EAC 2212 [Principles of Accounting 2](#) 3
HUM 2051 [Civilization 1](#) 3

Term 7

EEC 2303 [Introduction to Macroeconomics](#) 3
HUM 2052 [Civilization 2](#) 3

Term 8

EEC 2304 [Introduction to Microeconomics](#) 3
[Humanities Elective](#) 3

Term 9

ELA 2601 [Law 1](#).....3
EST 2703 [Statistics](#).....3

Term 10

EMG 3301 [Principles of Management](#).....3
[Humanities Elective](#) 3

Term 11

[Social Science Elective](#).....3

TOTAL REQUIRED CREDITS 61

BACHELOR OF ARTS DEGREES

Bachelor of Arts in Business Administration – Accounting (Major Code: 7600)

The accounting emphasis in the business administration degree program provides a solid business framework. Candidates for a Bachelor of Art in Business Administration—Accounting must complete the minimum course requirements as outlined in the following curriculum.

Term 1

ASC 1006	Mastering eLearning	1
CIS 1140	Business Computer Skills	3
EDS 1021	General Physical Science	3

Term 2

COM 1101	Composition and Rhetoric	3
MTH 1701	College Algebra	3

Term 3

COM 1102	Writing about Literature	3
EAC 2211	Principles of Accounting 1	3

Term 4

EAC 2212	Principles of Accounting 2	3
HUM 2051	Civilization 1	3

Term 5

COM 2224	Business and Professional Writing	3
ELA 2601	Law 1	3

Term 6

HUM 2052	Civilization 2	3
MTH 1703	Finite Mathematics	3

Term 7

EEC 2303	Introduction to Macroeconomics	3
EMG 3301	Principles of Management	3

Term 8

EEC 2304	Introduction to Microeconomics	3
	Social Science Elective	3

Term 9

EBA 3321	Essential Business Skills	3
EST 2703	Statistics	3

Term 10

EAC 3211	Intermediate Accounting 1	3
EDS 1022	General Biological Science	3

Term 11

EAC 3331	Cost Accounting	3
	Humanities Elective	3

Term 12

EAC 3214	Accounting Information Systems	3
EBA 3334	Applied Decision Methods for Business	3

Term 13

EAC 3212	Intermediate Accounting 2	3
	Restricted Elective (Business)	3

Term 14		
EAC 4411	Auditing	3
	Humanities Elective	3
Term 15		
EMK 3601	Principles of Marketing	3
	Humanities Elective	3
Term 16		
EMG 3225	Finance for Managers	3
	Restricted Elective (Business)	3
Term 17		
EAC 4421	Individual Federal Income Taxes	3
	Free Elective	3
Term 18		
EMG 3327	Management Information Systems	3
	Restricted Elective (Business)	3
Term 19		
EMG 4412	Organizational Behavior and Development	3
	Humanities Elective	3
Term 20		
EBA 4498	Strategic Management	3
	Restricted Elective (Business)	3
Term 21		
	Free Elective	3
TOTAL REQUIRED CREDITS		124

Bachelor of Arts in Business Administration – Computer Information Systems_____
(Major Code: 7601)

The business administration emphasis in computer information systems is designed for students who seek a degree that prepares them for positions in organizations that design, develop or use computer systems. The objective of the program is to meet the demand for business administration professionals with information systems skills.

Term 1

ASC 1006	Mastering eLearning	1
CIS 1140	Business Computer Skills	3
	Humanities Elective	3

Term 2

COM 1101	Composition and Rhetoric	3
MTH 1701	College Algebra	3

Term 3

COM 1102	Writing about Literature	3
MTH 1703	Finite Mathematics	3

Term 4

CIS 1501	Introduction to Visual Basic	3
or		
CIS 1502	Programming in Java	3
HUM 2051	Civilization 1	3

Term 5

EEC 2304	Introduction to Microeconomics	3
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Term 6

EEC 2303	Introduction to Macroeconomics	3
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Term 7

EAC 2211	Principles of Accounting 1	3
HUM 2052	Civilization 2	3

Term 8

CIS 2501	Advanced Visual Basic	3
or		
CIS 2502	Programming in C++	3
EDS 1021	General Physical Science	3

Term 9

COM 2224	Business and Professional Writing	3
EAC 2212	Principles of Accounting 2	3

Term 10

EMG 3301	Principles of Management	3
EST 2703	Statistics	3

Term 11

EDS 1022	General Biological Science	3
ELA 2601	Law 1	3

Term 12

	Free Elective	3
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Term 13		
EMG 3327	Management Information Systems	3
	Humanities Elective	3
Term 14		
	Humanities Elective	3
	Restricted Elective (CIS)	3
Term 15		
EMK 3601	Principles of Marketing	3
	Humanities Elective	3
Term 16		
EBA 3321	Essential Business Skills	3
	Restricted Elective (CIS)	3
Term 17		
	Social Science Elective	3
Term 18		
	Humanities Elective	3
Term 19		
EBA 3334	Applied Decision Methods for Business	3
EMG 4412	Organizational Behavior and Development	3
Term 20		
EMG 3225	Finance for Managers	3
EMG 3331	Management of Human Resources	3
Term 21		
EMG 3340	International Management	3
	Restricted Elective (Business)	3
Term 22		
EBA 4498	Strategic Management	3
	Restricted Elective (Business)	3
Term 23		
	Restricted Elective (Business)	3
Term 24		
CIS 4424	Information Technology and Project Management	3
TOTAL REQUIRED CREDITS		124

**Bachelor of Arts in Business Administration – Healthcare Management _____
(Major Code: 7602)**

Term 1

ASC 1006 [Mastering eLearning](#)1
 CIS 1140 [Business Computer Skills](#)3
 EHC 1103 [Medical Ethics](#)3

Term 2

COM 1101 [Composition and Rhetoric](#)3
 MTH 1701 [College Algebra](#)3

Term 3

COM 1102 [Writing about Literature](#)3
 EMG 3301 [Principles of Management](#)3

Term 4

HUM 2051 [Civilization 1](#)3
 MTH 1703 [Finite Mathematics](#)3

Term 5

EHC 3302 [Healthcare Organizations](#)3
 ELA 2601 [Law 1](#)3

Term 6

EEC 2304 [Introduction to Microeconomics](#)3
 HUM 2052 [Civilization 2](#)3

Term 7

EAC 2211 [Principles of Accounting 1](#)3
 EDS 1021 [General Physical Science](#)3

Term 8

COM 2224 [Business and Professional Writing](#)3
 EEC 2303 [Introduction to Macroeconomics](#)3

Term 9

EAC 2212 [Principles of Accounting 2](#)3
 EBA 3321 [Essential Business Skills](#)3

Term 10

EST 2703 [Statistics](#)3
 [Humanities Elective](#)3

Term 11

EDS 1022 [General Biological Science](#)3
 [Humanities Elective](#)3

Term 12

EMG 3327 [Management Information Systems](#)3
 [Social Science Elective](#)3

Term 13

EMG 3225 [Finance for Managers](#)3
 [Free Elective](#)3

Term 14		
EMG 3331	Management of Human Resources	3
	Humanities Elective	3
Term 15		
EBA 3334	Applied Decision Methods for Business	3
	Humanities Elective	3
Term 16		
EHC 3303	Managed Care	3
	Restricted Elective (Business)	3
Term 17		
EHC 4410	Quality Improvement Methods in Healthcare	3
	Free Elective	3
Term 18		
EMK 3601	Principles of Marketing	3
	Humanities Elective	3
Term 19		
EHC 4402	Community Health Evaluation	3
EMG 4412	Organizational Behavior and Development	3
Term 20		
EHC 4498	Health Planning and Policy Management	3
EMG 4410	Continuous Quality Management	3
Term 21		
EBA 4498	Strategic Management	3
TOTAL REQUIRED CREDITS		124

Bachelor of Arts in Business Administration – Management _____
(Major Code: 7603)

Term 1

ASC 1006 [Mastering eLearning](#)1
 CIS 1140 [Business Computer Skills](#)3
 [Humanities Elective](#)3

Term 2

COM 1101 [Composition and Rhetoric](#)3
 MTH 1701 [College Algebra](#)3

Term 3

COM 1102 [Writing about Literature](#)3
 MTH 1703 [Finite Mathematics](#)3

Term 4

EMG 3301 [Principles of Management](#)3
 HUM 2051 [Civilization 1](#)3

Term 5

EEC 2304 [Introduction to Microeconomics](#)3
 ELA 2601 [Law 1](#)3

Term 6

[Humanities Elective](#)3

Term 7

EAC 2211 [Principles of Accounting 1](#)3
 HUM 2052 [Civilization 2](#)3

Term 8

EDS 1021 [General Physical Science](#)3
 EEC 2303 [Introduction to Macroeconomics](#)3

Term 9

COM 2224 [Business and Professional Writing](#)3
 EAC 2212 [Principles of Accounting 2](#)3

Term 10

EBA 3321 [Essential Business Skills](#)3
 EST 2703 [Statistics](#)3

Term 11

EDS 1022 [General Biological Science](#)3
 EMG 3398 [Organization Theory](#)3

Term 12

EMG 3327 [Management Information Systems](#)3
 [Humanities Elective](#)3

Term 13

EMG 3225 [Finance for Managers](#)3
 [Free Elective](#)3

Term 14		
EMG 3331	Management of Human Resources	3
	Social Science Elective	3
Term 15		
EBA 3334	Applied Decision Methods for Business	3
	Humanities Elective	3
Term 16		
EMG 4410	Continuous Quality Management	3
	Restricted Elective (Business)	3
Term 17		
EMG 3340	International Management	3
	Restricted Elective (Business)	3
Term 18		
EMK 3601	Principles of Marketing	3
	Humanities Elective	3
Term 19		
EMG 3328	Business Ethics	3
EMG 4412	Organizational Behavior and Development	3
Term 20		
	Humanities Elective	3
	Restricted Elective (Business)	3
Term 21		
EBA 4498	Strategic Management	3
TOTAL REQUIRED CREDITS		121

Bachelor of Arts in Business Administration – Marketing _____
(Major Code: 7604)

Term 1

ASC 1006 [Mastering eLearning](#)1
 CIS 1140 [Business Computer Skills](#)3
 [Humanities Elective](#)3

Term 2

COM 1101 [Composition and Rhetoric](#)3
 MTH 1701 [College Algebra](#)3

Term 3

COM 1102 [Writing about Literature](#)3
 MTH 1703 [Finite Mathematics](#)3

Term 4

EEC 2303 [Introduction to Macroeconomics](#)3
 HUM 2051 [Civilization 1](#)3

Term 5

EEC 2304 [Introduction to Microeconomics](#)3
 [Social Science Elective](#)3

Term 6

HUM 2052 [Civilization 2](#)3

Term 7

EAC 2211 [Principles of Accounting 1](#)3
 [Humanities Elective](#)3

Term 8

EDS 1021 [General Physical Science](#)3
 EMG 3301 [Principles of Management](#)3

Term 9

EAC 2212 [Principles of Accounting 2](#)3
 COM 2224 [Business and Professional Writing](#)3

Term 10

EBA 3321 [Essential Business Skills](#)3
 EST 2703 [Statistics](#)3

Term 11

EDS 1022 [General Biological Science](#)3
 ELA 2601 [Law 1](#)3

Term 12

EMG 3327 [Management Information Systems](#)3
 [Humanities Elective](#)3

Term 13

EMG 3225 [Finance for Managers](#)3
 [Free Elective](#)3

Term 14		
EMG 3331	Management of Human Resources	3
	Restricted Elective (Business)	3
Term 15		
EBA 3334	Applied Decision Methods for Business	3
	Humanities Elective	3
Term 16		
EMK 3601	Principles of Marketing	3
	Restricted Elective (Business)	3
Term 17		
	Humanities Elective	3
Term 18		
EMG 3340	International Management	3
EMG 3398	Organization Theory	3
Term 19		
	Humanities Elective	3
	Restricted Elective (Marketing)	3
Term 20		
EMG 4412	Organizational Behavior and Development	3
	Restricted Elective (Marketing)	3
Term 21		
EBA 4498	Strategic Management	3
	Restricted Elective (Marketing)	3
Term 22		
	Free Elective	3
	Restricted Elective (Business)	3
TOTAL REQUIRED CREDITS		124

Bachelor of Arts in Accounting (Major Code: 7610) _____

The undergraduate program in accounting is a traditional program providing a solid business framework. Students planning to take the CPA examination in Florida receive a solid foundation preparing them for the M.B.A. accounting track, where they can earn sufficient credits to be eligible for this examination.

Candidates for a Bachelor of Arts in Accounting must complete the minimum course requirements as outlined in the following curriculum.

Term 1

ASC 1006 [Mastering eLearning](#) 1
COM 1101 [Composition and Rhetoric](#) 3
MTH 1701 [College Algebra](#) 3

Term 2

CIS 1140 [Basic Computer Skills](#) 3
MTH 1703 [Finite Mathematics](#) 3

Term 3

COM 1102 [Writing about Literature](#) 3
EEC 2303 [Introduction to Macroeconomics](#) 3

Term 4

EEC 2304 [Introduction to Microeconomics](#) 3
HUM 2051 [Civilization 1](#) 3

Term 5

ELA 2601 [Law 1](#) 3
[Social Science Elective](#) 3

Term 6

EAC 2211 [Principles of Accounting 1](#) 3
HUM 2052 [Civilization 2](#) 3

Term 7

EDS 1021 [General Physical Science](#) 3
EMG 3301 [Principles of Management](#) 3

Term 8

COM 2224 [Business and Professional Writing](#) 3
EAC 2212 [Principles of Accounting 2](#) 3

Term 9

EBA 3321 [Essential Business Skills](#) 3
EST 2703 [Statistics](#) 3

Term 10

EDS 1022 [General Biological Science](#) 3
ELA 2602 [Law 2](#) 3

Term 11

EAC 3211 [Intermediate Accounting 1](#) 3
EAC 3331 [Cost Accounting](#) 3

Term 12

EAC 3214 [Accounting Information Systems](#) 3
[Free Elective](#) 3

Term 13		
EAC 3212	Intermediate Accounting 2	3
	Restricted Elective (Business)	3
Term 14		
EAC 4411	Auditing	3
	Humanities Elective	3
Term 15		
EMK 3601	Principles of Marketing	3
	Humanities Elective	3
Term 16		
EMG 3225	Finance for Managers	3
	Free Elective	3
Term 17		
EAC 4421	Individual Federal Income Taxes	3
	Restricted Elective (Accounting)	3
Term 18		
EAC 4401	Advanced Accounting	3
	Restricted Elective (Business)	3
Term 19		
EMG 4412	Organizational Behavior and Development	3
	Humanities Elective	3
Term 20		
EBA 4498	Strategic Management	3
	Restricted Elective (Accounting)	3
		TOTAL REQUIRED CREDITS 121

Bachelor of Arts in Criminal Justice (Major Code: 7620)_____

Term 1

ASC 1006 [Mastering eLearning](#).....1
 CIS 1140 [Business Computer Skills](#).....3
 CRM 1000 [Introduction to Criminal Justice](#).....3

Term 2

COM 1101 [Composition and Rhetoric](#).....3
 CRM 1246 [Introduction to Law and the Legal System](#).....3

Term 3

COM 1102 [Writing about Literature](#).....3
 PSY 1411 [Introduction to Psychology](#).....3

Term 4

MTH 1701 [College Algebra](#).....3
 SOC 2551 [Social Problems](#).....3

Term 5

CRM 2320 [Drugs, Crime and Society](#).....3
 EST 2703 [Statistics](#).....3

Term 6

COM 2224 [Business and Professional Writing](#).....3
 CRM 2001 [Research Methods in Criminal Justice](#).....3

Term 7

CRM 2102 [Theories of Crime and Criminal Behavior](#).....3
 HUM 2051 [Civilization 1](#).....3

Term 8

CRM 2203 [Delinquency and Prevention](#).....3
 HUM 2052 [Civilization 2](#).....3

Term 9

CRM 2244 [Substantive Criminal Law](#).....3
 Humanities Elective ([HUM 1024](#) or [HUM 1025](#)).....3

Term 10

EDS 1021 [General Physical Science](#).....3
 PSF 2551 [Survey of Forensic Psychology](#).....3

Term 11

EDS 1022 [General Biological Science](#).....3
 CRM 3104 [Law Enforcement Systems](#).....3

Term 12

CRM 3246 [Law of Criminal Procedure](#).....3
 CRM 3406 [Criminal Investigations](#).....3

Term 13

CRM 3507 [Community Policing](#).....3
[Restricted Elective*](#).....3

Term 14		
PSY 3441	Social Psychology	3
	Free Elective	3
Term 15		
CRM 3521	Correctional Systems	3
	Free Elective	3
Term 16		
CRM 4406	Homeland Security and Terrorism	3
	Restricted Elective*	3
Term 17		
PSF 4106	Crisis and Conflict Resolution	3
	Restricted Elective*	3
Term 18		
CRM 4108	Police Organizations and Administration	3
	Restricted Elective*	3
Term 19		
CRM 4309	Criminal Justice Leadership and Ethics	3
	Restricted Elective*	3
Term 20		
	Restricted Elective*	3
Term 21		
CRM 4900	Senior Seminar and Capstone	3
CRM 4901	Criminal Justice Final Program Examination	3
		TOTAL REQUIRED CREDITS 124

**Restricted Electives*

- CRM 3407 [White Collar Crime](#)
- CRM 3522 [Community Corrections](#)
- CRM 3999 [Directed Study in Criminal Justice](#)
- CRM 4107 [Victimology](#)
- CRM 4810 [Serial Killers](#)
- CRM 4820 [Violent Crime](#)
- CRM 4830 [Organized Crime](#)
- EMG 3325 [Public Administration](#)
- PSF 3511 [Introduction to Crime Analysis](#)
- PSF 4107 [Courtroom Psychology](#)
- PSY 3542 [Survey of Industrial Organizational Psychology](#)

BACHELOR OF SCIENCE DEGREE

Bachelor of Science in Computer Information Systems _____
(Major Code: 7630)

Term 1

ASC 1006 [Mastering eLearning](#) 1
CIS 1140 [Basic Computer Skills](#) 3

Term 2

COM 1101 [Composition and Rhetoric](#) 3
MTH 1701 [College Algebra](#) 3

Term 3

COM 1102 [Writing about Literature](#) 3
MTH 1703 [Finite Mathematics](#) 3

or

MTH 2051 [Discrete Mathematics](#) 3

Term 4

CIS 1501 [Introduction to Visual Basic](#) 3

or

CIS 1502 [Programming in Java](#) 3
EEC 2303 [Macroeconomics](#) 3

Term 5

ELA 2601 [Law 1](#) 3
HUM 2051 [Civilization 1](#) 3

Term 6

EDS 1022 [General Biological Science](#) 3
EEC 2304 [Introduction to Microeconomics](#) 3

Term 7

EAC 2211 [Principles of Accounting 1](#) 3
HUM 2052 [Civilization 2](#) 3

Term 8

CIS 2501 [Advanced Visual Basic](#) 3

or

CIS 2502 [Programming in C++](#) 3
EDS 1021 [General Physical Science](#) 3

Term 9

COM 2224 [Business and Professional Writing](#) 3
EAC 2212 [Principles of Accounting 2](#) 3

Term 10

CIS 2304 [Survey of Software Systems](#) 3
EST 2703 [Statistics](#) 3

Term 11

[Free Elective](#) 3
[Humanities Elective](#) 3

Term 12		
EMG 3327	Management Information Systems	3
	Humanities Elective	3
Term 13		
CIS 3512	Systems Analysis and Design	3
	Free Elective	3
Term 14		
EMK 3601	Principles of Marketing	3
	Humanities Elective	3
Term 15		
EBA 3321	Essential Business Skills	3
	Humanities Elective	3
Term 16		
CIS 3315	Decision Support Systems	3
	Social Science Elective	3
Term 17		
CIS 3318	Electronic Commerce	3
EMG 3301	Principles of Management	3
Term 18		
CIS 4410	Database Concepts and Programming	3
CIS 4415	Network Theory and Design	3
Term 19		
CIS 4026	Introduction to Internet Applications	3
	Restricted Elective (Business)	3
Term 20		
CIS 4424	Information Technology and Project Management	3
	Restricted Elective (Business)	3
Term 21		
CIS 4498	Information Resource Management	3
	Restricted Elective (Business)	3
TOTAL REQUIRED CREDITS		124

UNDERGRADUATE MINOR PROGRAM

Florida Tech offers an online minor degree program in Human Resources Management. The intent of the minor is to encourage and recognize focused study outside the student's major. Therefore, no more than nine credit hours applied to the minor may be named courses in the major. At least nine credit hours of the minor must be taken at Florida Tech. A minor program GPA of at least 2.0 is required in order to receive recognition for the minor on the student's diploma, and the minor is only awarded at the same time as the major. Additional restrictions may be placed on the minor.

The minor will be indicated on the student's transcript and resulting diploma. Requests to pursue the minor will require approval by both the major and minor program chairs. The request for a minor must be made before filing the petition to graduate and must be indicated on the petition.

Human Resources Management (Minor Code: 6068) _____

Required Courses

EMG 3331	Management of Human Resources	3
EHR 3335	Selection and Placement	3
EHR 3340	Training and Development	3
EHR 3360	Compensation and Benefits	3

Choose two of the following:

ELA 2603	Administrative and Personnel Law
EMG 3328	Business Ethics
EMG 3398	Organization Theory
EMG 4412	Organizational Behavior and Development
PSF 4106	Crisis and Conflict Resolution
PSY 3441	Social Psychology

TOTAL REQUIRED CREDITS 18

ELECTIVES

The following definitions of electives pertain to all degree programs at Florida Tech. The student should consult these definitions when selecting appropriate courses to satisfy the electives listed under program requirements. The counsel and consent of the student's adviser is important in the final selection.

Free Elective

Free electives may be any courses 1000 level or above taken at Florida Tech, or courses taken elsewhere if transfer credit is awarded by Florida Tech. Courses can be combined to satisfy the specified free-elective credits (e.g., three one-credit courses can satisfy a three-credit listing in a degree program) or vice versa (a three-credit course for three one-credit listings). No more than a total of four credit hours of free elective credits earned for physical education and/or health education can be applied toward meeting degree requirements.

Liberal Arts Elective

A liberal arts elective is any course offered by the department of humanities and communication (HUM, COM, LNG) or any psychology course (PSY). Certain BUS and EDS courses may also be considered liberal arts electives as determined by the student's academic unit.

Humanities Elective

Courses concerned with human culture, including literature, history, philosophy, religion, linguistics, professional ethics and foreign languages other than a student's native language, meet the requirements for humanities electives. Courses in art, music and drama, other than performance courses, also meet these requirements. These courses are designated as humanities (HU) or humanities/social science (HU/SS) electives in the *Course Descriptions* section of this catalog.

A foreign language is considered to be the student's native language if it is the formal or commonly used language of the student's country or community, or if it was the language used as the medium of interaction in all or part of the student's pre-university education.

Humanities elective credits may not be granted by equivalency examinations.

Social Science Elective

Studies of society and of the relationship of the individual to society, including anthropology, psychology, sociology, economics, political science, history, linguistics, social responsibility and foreign languages other than a student's native language, meet the requirements for social science electives. These courses are designated as SS or HU/SS electives in the *Course Descriptions* section of this catalog. Social science elective credits may not be granted by equivalency examinations.

Restricted Elective

A restricted elective is an elective selected from a specified academic discipline. The academic discipline is included in the specification of the elective, e.g., Restricted Elective (Chemistry) or Restricted Elective (CHM). The level of the elective may be specified by the academic unit.

RESTRICTED ELECTIVES—MARKETING

EMK 3320 [Entrepreneurial Marketing](#)

EMK 3607 [Advertising Management](#)

EMK 4063 [International Marketing](#)

RESTRICTED ELECTIVES—BUSINESS

CIS 3318 [Electronic Commerce](#)

EAC 3211 [Intermediate Accounting 1](#)

EAC 3212 [Intermediate Accounting 2](#)

EHR 3360 [Compensation and Benefits](#)

ELA 2602 [Law 2](#)

EMG 3325 [Public Administration](#)

EMG 4410 [Continuous Quality Management](#)

HUMANITIES ELECTIVES

HUM 1020 [Art Appreciation](#)

HUM 1021 [Integrated Arts](#)

HUM 1023 [Philosophy of Human Nature](#)

HUM 1024 [Religions of the World 1: Western Religions](#)

HUM 1025 [Religions of the World 2: Eastern Religions](#)

HUM 2226 [Survey of World Literature 2](#)

HUM 2233 [Modern Middle East](#)

HUM 3275 [Contemporary Literature](#)

SOCIAL SCIENCE ELECTIVES

CRM 1000 [Introduction to Criminal Justice](#)

CRM 2320 [Drugs, Crime and Society](#)

PSY 1411 [Introduction to Psychology](#)

SOC 2551 [Social Problems](#)

GRADUATE DEGREE PROGRAMS

Master of Business Administration – Accounting and Finance _____ (Major Code: 8333)

The Master of Business Administration with a specialization in accounting and finance degree program may be completed in two years or less and provides the high-level knowledge and range of skills to meet the challenges of today’s complex global business.

Rooted in the case method approach, this intensive MBA program offers a uniquely collaborative, hands-on education. The program covers a variety of subjects including investment management, ecommerce and legal responsibility.

The two-course sequence Essentials of Business Development 1 and 2 (BUS 5601 and BUS 5602) culminates in a fully integrated business plan. Each student has the opportunity to choose a business and progressively bring it to fruition through critical business concepts from statistics and managerial economics to marketing.

Students actively engage in case study analysis and exercise leadership and teamwork skills. Strategic cost management and financial management policy are covered as well as the core business fundamentals. The program combines academic principles with practical, real-world applications to result in a solid business foundation.

Required Courses

BUS 5421	Managerial Economics	3
BUS 5431	Managerial Accounting	3
BUS 5433	Advanced Problems and Current Topics	3
BUS 5440	Financial Management	3
BUS 5446	Investment Management	3
BUS 5470	Marketing Management	3
BUS 5480	Strategic Management*	3
BUS 5486	International Business	3
BUS 5601	Essentials of Business Development 1	3
BUS 5602	Essentials of Business Development 2	3
BUS 5650	Strategic Cost Management	3
BUS 5840	Financial Management Policy	3

TOTAL REQUIRED CREDITS 36

**Serves as the capstone for the Master of Business Administration degree programs and is recommended for the final term of study.*

**Master of Business Administration – Healthcare Management _____
(Major Code: 8334)**

The Master of Business Administration with a specialization in healthcare management degree program may be completed in two years or less and provides the high-level knowledge and range of skills to meet the challenges of today’s complex global business.

Rooted in the case method approach, this intensive MBA program offers a uniquely collaborative, hands-on education. The program covers a variety of subjects including managerial economics, healthcare policy and legal responsibility.

The two-course sequence Essentials of Business Development 1 and 2 (BUS 5601 and BUS 5602) culminates in a fully integrated business plan. Each student has the opportunity to choose a business and progressively bring it to fruition through critical business concepts from statistics and managerial economics to marketing.

Students actively engage in case study analysis and exercise leadership and teamwork skills. Healthcare policy and management are covered as well as the core business fundamentals. The program combines academic principles with practical, real-world applications to result in a solid business foundation.

Required Courses

BUS 5421	Managerial Economics	3
BUS 5431	Managerial Accounting	3
BUS 5440	Financial Management	3
BUS 5458	Leadership Theory and Effective Management	3
BUS 5470	Marketing Management	3
BUS 5480	Strategic Management*	3
BUS 5488	Corporate Innovations and New Ventures	3
BUS 5601	Essentials of Business Development 1	3
BUS 5602	Essentials of Business Development 2	3
BUS 5651	Healthcare Policy	3
BUS 5652	Issues in Healthcare Management	3
BUS 5653	Information Management in Healthcare	3

TOTAL REQUIRED CREDITS 36

**Serves as the capstone for the Master of Business Administration degree programs and is recommended for the final term of study.*

Master of Business Administration – Management _____
(Major Code: 8335)

The Master of Business Administration with a specialization in management degree program may be completed in two years or less and provides the high-level knowledge and range of skills to meet the challenges of today’s complex global business.

Rooted in the case method approach, this intensive MBA program offers a uniquely collaborative, hands-on education. The program covers a variety of subjects including multinational business policy, ecommerce and legal responsibility.

The two-course sequence Essentials of Business Development 1 and 2 (BUS 5601 and BUS 5602) culminates in a fully integrated business plan. Each student has the opportunity to choose a business and progressively bring it to fruition through critical business concepts from statistics and managerial economics to marketing.

Students actively engage in case study analysis and exercise leadership and teamwork skills. Leadership theory, operations management and corporate venturing are covered as well as the core business fundamentals. The program combines academic principles with practical, real-world applications to result in a solid business foundation.

Required Courses

BUS 5421	Managerial Economics	3
BUS 5431	Managerial Accounting	3
BUS 5440	Financial Management	3
BUS 5458	Leadership Theory and Effective Management	3
BUS 5460	Management Information Systems	3
BUS 5461	Production and Operations Management	3
BUS 5470	Marketing Management	3
BUS 5480	Strategic Management*	3
BUS 5486	International Business	3
BUS 5488	Corporate Innovations and New Ventures	3
BUS 5601	Essentials of Business Development 1	3
BUS 5602	Essentials of Business Development 2	3

TOTAL REQUIRED CREDITS 36

**Serves as the capstone for the Master of Business Administration degree programs and is recommended for the final term of study.*

Master of Business Administration – Marketing _____
(Major Code: 8336)

The Master of Business Administration with a specialization in marketing degree program may be completed in two years or less and provides the high-level knowledge and range of skills to meet the challenges of today’s complex global business. Rooted in the case method approach, this intensive MBA program offers a uniquely collaborative, hands-on education. The program covers a variety of subjects including consumer behavior and product management, multinational business policy and legal responsibility.

The two-course sequence Essentials of Business Development 1 and 2 (BUS 5601 and BUS 5602) culminates in a fully integrated business plan. Each student has the opportunity to choose a business and progressively bring it to fruition through critical business concepts from statistics and managerial economics to marketing. Students actively engage in case study analysis and exercise leadership and teamwork skills. Behavioral concepts and quantitative methods from a marketing management point of view are covered as well as the core business fundamentals. The program combines academic principles with practical, real-world applications to result in a solid business foundation.

Required Courses

BUS 5421	Managerial Economics	3
BUS 5431	Managerial Accounting	3
BUS 5440	Financial Management	3
BUS 5470	Marketing Management	3
BUS 5476	Strategic Marketing	3
BUS 5486	International Business	3
BUS 5601	Essentials of Business Development 1	3
BUS 5602	Essentials of Business Development 2	3
BUS 5656	Consumer Behavior Strategies	3
BUS 5657	Advanced Market Research	3
BUS 5480	Strategic Management*	3
ENM 5360	Topics in Product Development and Technology Strategy	3

TOTAL REQUIRED CREDITS 36

**Serves as the capstone for the Master of Business Administration degree programs and is recommended for the final term of study.*

Master of Science in Information Technology _____
(Major Code: 8420)

Admission Requirements

The applicant to the program must have a bachelor's degree from an accredited institution; however, the degree need not be in business administration. Students who are graduates from other fields, especially mathematics, science and engineering, are encouraged to apply. Students with an undergraduate business degree or courses may be able to waive up to 12 hours of the program prerequisites in the MS/IT program based on an evaluation of their undergraduate academic transcripts. Prerequisite courses are required of a student whose undergraduate major is outside the business area or who has not previously completed the courses in these prerequisite areas. The exact number of needed prerequisite courses depends on courses completed during the student's undergraduate studies. Students are not required to take the GRE to be accepted into the program.

Required Courses (8 courses)

MGT 5000	Financial Accounting	3
MGT 5002	Corporate Finance	3
MGT 5013	Organizational Behavior	3
MGT 5014	Information Systems	3
MGT 5113	Project Management for Information Technology	3
MGT 5114	Introduction to Information Security Management	3
MGT 5115	Global IT Management	3
MGT 5154	Advances Management Information Systems*	3

Directed Electives (3 courses)

MGT 5150	Management of Software Systems	3
MGT 5151	Database Systems Management	3
MGT 5152	Computer Systems Administration	3

TOTAL CREDITS REQUIRED 33

**Serves as the capstone course for this program.*

COURSE DESCRIPTIONS

Courses are listed alphanumerically. The 1000, 2000, 3000 and 4000 series are undergraduate courses. The 5000 series are graduate courses that can also be taken by undergraduates with cumulative grade point averages of 2.75 or higher, who have satisfied all listed prerequisites and whose registration is approved by the department head or program chair responsible for the course. Courses below 1000 are developmental in nature, are not counted in GPA calculations and do not count toward any Florida Tech degree.

Courses that may be taken in fulfillment of Undergraduate Core Requirements are designated as follows: CL: computer literacy requirement, [COM: communication elective](#), [HU: humanities elective](#), [Q: quality enhancement plan](#), [SS: social science elective](#). These designations follow the course descriptions. Other courses that satisfy Undergraduate Core Requirements are identified by the course prefix: any MTH course can be used toward meeting the mathematics requirement.

ACADEMIC SUPPORT CENTER

ASC 1006 MASTERING ELEARNING (1 credits). Helps students new to Florida Tech and online learning to adjust to the university and acquire essential academic survival skills (online classroom behavior, academic honesty, study skills, etc.) that enhance academic integration into college.

BUSINESS

BUS 5211 PROCUREMENT AND CONTRACT MANAGEMENT (3 credits). Overviews in depth the federal acquisition process and introduces the basic concepts, policies and procedures incident to government contracting through the FAR and supplementing directives.

BUS 5421 MANAGERIAL ECONOMICS (3 credits). Provides an understanding of the microeconomic forces that influence firm decision-making. Includes competitive markets and market failure, benefit-cost analysis, demand estimation and forecasting, decision-making under risk and uncertainty, production and cost estimation, and market structure analysis. Prerequisites: [BUS 5411](#).

BUS 5431 MANAGERIAL ACCOUNTING (3 credits). Focuses on internal reporting to managers for use in planning and control, in making nonroutine decisions and in formulating major plans and policies. Covers cost-volume-profit relationships, flexible budgets and standards, job order and process cost, and cost allocation and accumulation.

BUS 5433 ADVANCED PROBLEMS AND CURRENT TOPICS (3 credits). Broadly exposes the accounting major to advanced subjects in accounting; furthers the student's ability to analyze and present solutions to complex accounting problems, as well as interpret and apply theoretical issues; and develops the student's communication and presentation skills.

BUS 5440 FINANCIAL MANAGEMENT (3 credits). Studies the concepts and tools of corporate financial management and financial planning, including capital budgeting, capital structure and net working capital. Considers the importance of ethics in financial decision-making.

BUS 5446 INVESTMENT MANAGEMENT (3 credits). Investigates the concepts, theories and techniques underlying the development of investment policies and strategies.

BUS 5458 LEADERSHIP THEORY AND EFFECTIVE MANAGEMENT (3 credits). Teaches the leadership process and techniques used to train leaders by reading the literature, analyzing cases of corporate leadership and participation in experiential exercises that are used in leadership training. Also reinforces leadership skills of interpersonal interaction, written analysis and oral presentation. Prerequisites: BUS 5450.

BUS 5460 MANAGEMENT INFORMATION SYSTEMS (3 credits). Addresses policy and management issues surrounding information systems in today's enterprises: strategic use, organizational impact, project management, human resource issues and other topics germane to understanding management information systems..

BUS 5461 PRODUCTION AND OPERATIONS MANAGEMENT (3 credits). Covers the translation of product and service requirements into facilities, procedures and operating organizations. Includes product design, production alternatives, facilities location and layout, resource requirements planning, quality control and project management. Uses live case analyses. Prerequisites: BUS 5411.

BUS 5470 MARKETING MANAGEMENT (3 credits). Examines the tools and techniques of managing marketing activities as well as an analysis of the marketing process. Emphasizes decision-making, the refinement of skills needed to recognize and solve marketing problems, and effective communication of recommendations. Uses case analysis extensively. Prerequisites: [BUS 5421](#), [BUS 5431](#).

BUS 5476 STRATEGIC MARKETING (3 credits). Includes strategic analysis of a firm's activities from the marketer's point of view. Gives attention to marketing strategy formulation, implementation and control. Assesses strategies for the functional areas of marketing (product, pricing, distribution and promotion) and their relevant application to e-commerce. Prerequisites: [BUS 5470](#).

BUS 5480 STRATEGIC MANAGEMENT (3 credits). In-depth analysis of industries and competitors, and how to build and defend competitive advantages in forming a successful competitive strategy. Case analysis and management simulation convey the multifunctional nature of decision making at the top management level. Augmented by live-case analyses. Must be taken in the final semester prior to graduation.

BUS 5486 INTERNATIONAL BUSINESS (3 credits). Emphasizes economic, social, cultural, legal and environmental influences on the formulation and execution of the business policy of firms engaged in multinational business. Students explore the functions, problems and decision-making processes of multinational business organizations. Prerequisites: [BUS 5440](#).

BUS 5488 CORPORATE INNOVATION AND NEW VENTURES (3 credits). Covers the discovery and identification of new business opportunities, the process of creation within the context of a mature company, the processes of growth through acquisition, and the absorption, discontinuance or spinning out of businesses.

BUS 5601 ESSENTIALS OF BUSINESS DEVELOPMENT 1 (3 credits). Examines necessary tools required to plan and run a successful business venture. Requires integration of concepts, methods and models from accounting, economics and marketing in forming a business plan for a product or service in a case study. First course in a two-course sequence.

BUS 5602 ESSENTIALS OF BUSINESS DEVELOPMENT 2 (3 credits). Builds on BUS 5601. Examines and uses concepts, methods and models from the functional business areas of statistics, finance and management. Requires students to integrate each component into their business plan, culminating in a complete business plan by the end of the course. Prerequisites: [BUS 5601](#).

BUS 5650 STRATEGIC COST MANAGEMENT (3 credits). Uses case studies to analyze approaches to managerial accounting. Covers the application of decision and control models, planning and control under conditions of uncertainty, ethics and current issues in the development and practice of managerial accounting. Prerequisites: [BUS 5431](#).

BUS 5651 HEALTHCARE POLICY (3 credits). Analyzes key contemporary issues in healthcare policy. Includes design and structure of the U.S. healthcare system, policy initiatives and the roles of government, the private sector, consumers and advocacy groups in setting policy agenda.

BUS 5652 ISSUES IN HEALTHCARE MANAGEMENT (3 credits). Examines healthcare supervisory positions, organizing work in organizational structures, planning and controlling work, and leading and influencing employees. Focuses on personal and professional leadership, change theory, and the application of critical thinking to analysis of work environments, systems and the politics of health.

BUS 5653 INFORMATION MANAGEMENT IN HEALTHCARE (3 credits). Addresses issues related to the management of information for healthcare practitioners and consumers. Provides insight and experience, and applications of information technology that improve the quality of healthcare communication and delivery, and facilitates healthcare research.

BUS 5656 CONSUMER BEHAVIOR STRATEGIES (3 credits). Examines the consumer decision-making process and its societal, environmental, group and economic determinants. Includes research, analysis and strategy development in consumer motivations, values, wants, needs and behavior. Prerequisites: [BUS 5470](#).

BUS 5657 ADVANCED MARKET RESEARCH (3 credits). Examines the consumer decision-making processes and behavior through the application of qualitative and quantitative research methods. Includes problem identification, secondary research, data gathering, analysis, interpretation and report writing. Prerequisites: [BUS 5470](#).

BUS 5840 FINANCIAL MANAGEMENT POLICY (3 credits). Introduces the three primary areas of concern to financial policy makers (capital budgeting, capital structure and working capital) and integrates this framework with a range of international financial concepts. Also explores the profound effect that foreign operations can have on financial statements.

COMPUTER INFORMATION SYSTEMS

CIS 1140 BUSINESS COMPUTER SKILLS (3 credits). Uses commercial software to understand the business functions of computers and develop personal competency in practical application of computers in business. Provides specific knowledge and advanced capabilities in various skills necessary for effective performance in academic and practical environments. ([CL](#))

CIS 1501 INTRODUCTION TO VISUAL BASIC (3 credits). Introduces Visual Basic for information processing and problem solving. Uses algorithms and computer logic to translate data into information through structured design, coding, testing and program debugging. Prerequisites: [CIS 1140](#).

CIS 1502 PROGRAMMING IN JAVA (3 credits). Introduces object-oriented programming and the development of applications for the Internet. Includes programming language, coding, testing and debugging. Covers JAVA programs to perform interactive input operations and customized screen output.

CIS 2304 SURVEY OF SOFTWARE SYSTEMS (3 credits). Introduces a high-level view of information systems and technology. Acquaints students with various software systems found in information technology (IT). Includes Internet and other research to identify software system roles within IT, and their significant features, advantages and disadvantages. Requires preparation of a business report of the software system's value to a typical business enterprise. Prerequisites: [CIS 1140](#).

CIS 2501 ADVANCED VISUAL BASIC (3 credits). Covers the launch and effective navigation of Visual Basic 6 IDE. Includes rapid prototype user interface applications (tool tips, exception handling and error messaging), compiling and distributing executable applications, linking to external databases and the use of SQL select queries. Also includes object-oriented programming. Prerequisites: [CIS 1501](#).

CIS 2502 PROGRAMMING IN C++ (3 credits). Uses C/C++ programming language for information processing and problem solving. Uses algorithms and computer logic to translate data into information through structured and object-oriented design, coding, testing and program debugging. Prerequisites: [CIS 1502](#).

CIS 3315 DECISION SUPPORT SYSTEMS (3 credits). Provides the knowledge and skills necessary to create applications, collect data and manage databases. Includes the theory of decisions and decision analysis, including probability and risk-taking. Uses commercial decision support and graphics software to prepare business packages such as forecasting, linear programming and decision trees. Prerequisites: [EMG 3327](#), [EST 2703](#).

CIS 3318 ELECTRONIC COMMERCE (3 credits). Includes the role of the Internet and the Web in electronic commerce. Examines Web server hardware and software tools. Addresses electronic payment, security, the regulatory environment and Web-based marketing. Prerequisites: [CIS 1501](#) or [CIS 1502](#), [EMK 3601](#).

CIS 3512 SYSTEMS ANALYSIS AND DESIGN (3 credits). Provides the opportunity to design, implement and document the system development cycle. Includes analysis of current systems, logical and physical systems design, program development, testing, implementation, maintenance and documentation. (Requirement: Third-year standing in University Alliance.) Prerequisites: [CIS 1140](#), [CIS 1501](#) or [CIS 1502](#).

CIS 4026 INTRODUCTION TO INTERNET APPLICATIONS (3 credits). Studies structures of database management systems; applications of data structures; network, relational and hierarchical data models; application program development; query systems; file security; file security and the role of database administrators. Uses a database management system to create the database and other software necessary for a system upgrade. (Requirement: Successful completion of a programming language course and enrollment in University Alliance.)

CIS 4410 DATABASE CONCEPTS AND PROGRAMMING (3 credits). Studies structure and applications of database management systems; network, relational and hierarchical data models; application program development; query systems; file security; and the role of database administrators. Continues the analysis of systems upgrades and new system design begun in CIS 3512. Prerequisites: [CIS 3512](#).

CIS 4415 NETWORK THEORY AND DESIGN (3 credits). Covers the theory, design and application of networks. Includes creation and operation of an actual network. (Requirement: Fourth-year standing in University Alliance.)

CIS 4424 INFORMATION TECHNOLOGY AND PROJECT MANAGEMENT (3 credits). Reviews contemporary information technology management and the relevant issues of effective management of information service activities. Prerequisites: [CIS 3512](#).

CIS 4498 INFORMATION RESOURCE MANAGEMENT (3 credits). Emphasizes the integration of information and environmental systems to support broad strategic planning decisions. As capstone, involves lectures, case studies and application of previous courses to support strategic decision-making. (Requirement: Fourth-year standing in University Alliance.) Prerequisites: [CIS 3315](#), [CIS 4410](#), [CIS 4415](#), [EMG 3301](#), [EMK 3601](#).

COMMUNICATION

COM 0110 BASIC WRITING SKILLS (3 credits). Grammar and syntax, and their application to the writing process. Students learn correct spelling, master punctuation rules, construct accurate sentences and develop coherent paragraphs. Credit cannot be applied toward any Florida Tech degree. This course is required for students with low placement test scores.

COM 1101 COMPOSITION AND RHETORIC (3 credits). The first of two courses in college-level writing skills. Focuses on writing essays using various rhetorical modes: persuasion, description, comparison and analysis. Presents basic methods of library research, as well as the MLA documentation system. Students write one research paper and several essays. (Requirement: Passing grade on the placement test or prerequisite course.) Prerequisites: [COM 0110](#).

COM 1102 WRITING ABOUT LITERATURE (3 credits). The second of two courses in college-level writing skills. Focuses on reading and analyzing poems, plays and short works of fiction. Students write several essays and one research paper on literary topics. Prerequisites: [COM 1101](#).

COM 2224 BUSINESS AND PROFESSIONAL WRITING (3 credits). Designed for the future business professional. Includes business research methods, report writing, business correspondence and communication in the workplace. Covers analytical, informational, routine and special reports. (COM) Prerequisites: [COM 1102](#).

CRIMINAL JUSTICE

CRM 1000 INTRODUCTION TO CRIMINAL JUSTICE (3 credits). Introduces the criminal justice system and the various components. Includes crime trends, crime statistics, victimology, crime prevention, discretion and justice policy. (Requirement: Basic computer skills and enrollment in University Alliance.) ([SS](#))

CRM 1246 INTRODUCTION TO LAW AND THE LEGAL SYSTEM (3 credits). Introduces the history, structures and processes of the U.S. legal system. Covers the basic legal concept. Includes due process, structure of the U.S. court system, civil and criminal procedure, and case law concepts. May be taken with CRM 1000. Prerequisites: [CRM 1000](#).

CRM 2001 RESEARCH METHODS IN CRIMINAL JUSTICE (3 credits). Introduces basic research concepts and methods in criminological research. Includes APA format, software use, methodology, design, validity, data analysis and interpretation. Prerequisites: [EST 2703](#), [PSY 1411](#).

CRM 2102 THEORIES OF CRIME AND CRIMINAL BEHAVIOR (3 credits). Examines the causes of criminal behavior. Also examines ethical issues, policy implications and research. Prerequisites: [CRM 2001](#).

CRM 2203 DELINQUENCY AND PREVENTION (3 credits). Explores the nature and extent of the delinquency, the risk factors involved in delinquent behavior and victimization, and the juvenile justice system. Reviews and addresses prevention and diversion programs, and best practices. Prerequisites: [CRM 2102](#).

CRM 2244 SUBSTANTIVE CRIMINAL LAW (3 credits). Discusses the creation and application of substantive criminal law. Includes the nature and origins of criminal law, substantive due process, elements of criminal liability, the doctrine of complicity, uncompleted crimes, defenses to criminal liability, and the elements of crimes against persons, habitation, property and public order. Prerequisites: [CRM 1246](#).

CRM 2320 DRUGS, CRIME AND SOCIETY (3 credits). Examines the nature of commonly used psychoactive substances in relation to the human nervous system. Includes history and pattern of use, and the medical, legal, psychological and sociological consequences of abuse. Covers current practices and strategies for drug education and treatment. ([SS](#)) Prerequisites: [CRM 1000](#).

CRM 3104 LAW ENFORCEMENT SYSTEMS (3 credits). Reviews the various national and international law enforcement systems. Includes community policing, use of force, high-liability issues and policy review. Prerequisites: [CRM 2001](#).

CRM 3246 LAW OF CRIMINAL PROCEDURE (3 credits). Includes remedies for state law-breaking, initial police-citizen contacts, seizures of persons, search and seizure of property, interrogations and confessions, identification procedures, decisions to charge and the first appearance, pretrial proceedings, conviction by trial and by guilty plea, and post-sentencing considerations. Prerequisites: [CRM 2244](#).

CRM 3406 CRIMINAL INVESTIGATIONS (3 credits). Explores the fundamental components of interviewing and investigations. Covers investigative practices in apprehending suspects and preparing criminal cases. Includes an in-depth examination of the science and art of criminal investigations, and gathering and analyzing evidence. Stresses overall management of major cases. Prerequisites: [CRM 3104](#), [PSF 2551](#). Corequisites: [CRM 3246](#).

CRM 3407 WHITE COLLAR CRIME (3 credits). Introduces and overviews the typologies of white collar and computer crime and the technology used to identify, apprehend and prosecute suspects. Prerequisites: [CRM 3406](#).

CRM 3507 COMMUNITY POLICING (3 credits). Studies the history, theory and practice of community policing. Reviews and discusses best practices, research and future trends. Prerequisites: [CRM 3104](#).

CRM 3511 INTRODUCTION TO CRIME ANALYSIS (3 credits). Introduces the techniques, methods and technology involved in the analysis of crimes. Includes crime mapping, analysis, suspect identification and future trends. Prerequisites: [CRM 2001](#), [PSF 2551](#).

CRM 3521 CORRECTIONAL SYSTEMS (3 credits). Overviews the origins, evolution, theory, practice and current problems of correctional systems. Includes the history of corrections in the U.S., short-term detention and jails, state and federal prisons, inmate topologies, capital punishment, correctional law, probation/parole and community corrections. Prerequisites: [CRM 2102](#).

CRM 3522 COMMUNITY CORRECTIONS (3 credits). Overviews the various theories and practices involved in community corrections. Discusses policy impact on society, victims, offenders and families. Prerequisites: [CRM 3521](#).

CRM 3999 DIRECTED STUDY IN CRIMINAL JUSTICE (3 credits). Offers research experience under the direction of a criminal justice faculty member. (Requirement: Instructor approval and enrollment in University Alliance.) Prerequisites: [CRM 2001](#).

CRM 4107 VICTIMOLOGY (3 credits). Explores the interaction of victims in terms of behavior, trends and research. Covers victim advocates, domestic violence and child abuse. Prerequisites: [CRM 3406](#), [PSF 2551](#).

CRM 4108 POLICE ORGANIZATIONS AND ADMINISTRATION (3 credits). Examines police organizations and administration in the U.S. Discusses in detail current and future trends in law enforcement. Also examines police recruiting, selection, management, leadership and policy. Prerequisites: [CRM 3507](#).

CRM 4309 CRIMINAL JUSTICE LEADERSHIP AND ETHICS (3 credits). Overviews and discusses through lectures, class discussions and exercises, the ethics and leadership in criminal justice. Develops understanding of the moral and ethical dilemmas of criminal justice practitioners and how they may be successfully resolved. Prerequisites: [CRM 4108](#).

CRM 4406 HOMELAND SECURITY AND TERRORISM (3 credits). Introduces and explains international and domestic terrorism. Explores the historical and philosophical underpinnings of terrorism, and local and international prevention efforts. (Requirement: Successful completion of 90 credit hours and enrollment in University Alliance.) Prerequisites: [CRM 3406](#).

CRM 4511 GRANT WRITING AND PROGRAM DEVELOPMENT IN CRIMINAL JUSTICE (3 credits). Introduces grant writing and program development for criminal justice and social programs. Includes program development, grant writing, foundation solicitations and evaluation systems. (Requirement: Fourth-year standing in University Alliance.) Prerequisites: [CRM 2102](#).

CRM 4810 SERIAL KILLERS (3 credits). Explores research and case analyses of serial killers. Includes profiling, behavioral analysis, types and methods. (Requirement: Fourth-year standing in University Alliance.) Prerequisites: [CRM 3406](#).

CRM 4820 VIOLENT CRIME (3 credits). Explores serious and violent offenders, the quest to understand chronic offenders and their interaction in society. (Requirement: Fourth-year standing in University Alliance.) Prerequisites: [CRM 3406](#).

CRM 4830 ORGANIZED CRIME (3 credits). Overviews the history and evolution of organized crime and criminal enterprise, and the impact on society. Includes drug trafficking, prostitution, gambling and other victimless crimes. (Requirement: Fourth-year standing in University Alliance.) Prerequisites: [CRM 3406](#).

CRM 4900 SENIOR SEMINAR AND CAPSTONE (3 credits). Synthesizes the information and insights from the criminal justice curriculum. As the program capstone, requires a substantial paper and/or project. (Requirement: Successful completion of at least 108 credit hours and fourth-year standing in University Alliance.)

CRM 4901 CRIMINAL JUSTICE FINAL PROGRAM EXAMINATION (0 credits). Final program examination for the criminal justice foundation and core curricula. Test fee applies. Must be taken with CRM 4900. (Requirement: Fourth-year standing in University Alliance.) Corequisites: [CRM 4900](#).

ACCOUNTING—EXTENDED STUDIES

EAC 2211 PRINCIPLES OF ACCOUNTING 1 (3 credits). Introduces the financial environment, financial statements, the accounting cycle and the theoretical framework of accounting measurement, emphasizing mechanics, measurement theory and the economic environment.

EAC 2212 PRINCIPLES OF ACCOUNTING 2 (3 credits). Continues EAC 2211. Emphasizes understanding the role of accounting in product costing, costing for quality, cost-justifying investment decisions, and performance evaluation and control of human behavior. Prerequisites: [EAC 2211](#).

EAC 3211 INTERMEDIATE ACCOUNTING 1 (3 credits). Studies the development of generally accepted accounting principles and valuation models in their application to financial statement presentations. Includes in-depth coverage of the preparation and use of accounting information based on current accounting standards of financial accounting. Prerequisites: [EAC 2212](#).

EAC 3212 INTERMEDIATE ACCOUNTING 2 (3 credits). Continues EAC 3211. Includes the valuation of liabilities and equities, revenue realization, accounting changes, income taxes, leases and financial statement disclosures. Prerequisites: [EAC 3211](#).

EAC 3214 ACCOUNTING INFORMATION SYSTEMS (3 credits). Covers the principles involved in establishing an accounting information system. Includes source documents, internal controls and the interfaces needed for managerial control of the business. Studies the integration of managerial accounting information needs with the design and implementation of systems. Prerequisites: [EAC 2212](#).

EAC 3331 COST ACCOUNTING (3 credits). Studies relevant costs for managerial decision-making. Includes cost accounting fundamentals used in managerial control functions. Prerequisites: [EAC 2212](#).

EAC 3332 ADVANCED COST ACCOUNTING (3 credits). Continues EAC 3331. Emphasizes measurements for decision-making and strategic planning. Includes cost analysis, capital budgeting, activity-based costing and other advanced cost accounting and managerial decision topics. Requires computer spreadsheet skills and a large quantity of outside reading. Prerequisites: [EAC 3331](#).

EAC 4401 ADVANCED ACCOUNTING (3 credits). Covers accounting principles for partnerships, mergers, acquisitions and consolidations. Includes the worksheet analysis of consolidation principles and introduces international accounting and fund accounting. Prerequisites: [EAC 3212](#).

EAC 4411 AUDITING (3 credits). Covers the principles and procedures of internal and public auditing. Includes the ethics, responsibilities, standards and reports of professional auditors. Prerequisites: [EAC 3212](#).

EAC 4412 ADVANCED AUDITING (3 credits). Applies auditing principles to audit situations. Introduces audit practice research and theory issues. Discusses financial auditing issues from the perspectives of management, accountants, internal auditors, audit committees and external auditors. Prerequisites: [EAC 4411](#).

EAC 4421 INDIVIDUAL FEDERAL INCOME TAXES (3 credits). Introduces federal taxes, emphasizing individual taxation. Includes the concepts of business income in various forms of business, the practical application of tax laws including tax return preparation, and simple tax research. Also introduces the various taxes beyond federal taxes. Requires computer skills. Prerequisites: [EAC 2212](#).

EAC 4422 CORPORATE FEDERAL INCOME TAXES (3 credits). Includes corporate taxation and the transfer of assets from one form of entity into a corporation. Covers allowable corporate expenses and deductions applicable to corporations. Also includes trust and estate tax, forming and running subchapter S corporations, and computer-generated partnership tax returns. (Requirement: Fourth-year standing in University Alliance.) Prerequisites: [EAC 4421](#).

BUSINESS ADMINISTRATION–EXTENDED STUDIES

EBA 3321 ESSENTIAL BUSINESS SKILLS (3 credits). Explores the nature of the organization's communications environments. Provides an understanding and practical experience about the various strategies and formats available when developing responsive communications in organizational situations. Includes oral and nonverbal communication and the composition of effective business documents. Prerequisites: [COM 1102](#).

EBA 3334 APPLIED DECISION METHODS FOR BUSINESS (3 credits). Uses quantitative techniques to aid in decision-making. Emphasizes problem identification and applies appropriate solution techniques for interpretation of results. Includes probability theory, decision-making under certainty, risk and uncertainty, inventory control, forecasting, PERT/CPM, utility theory and linear programming. Prerequisites: [EST 2703](#).

EBA 4498 STRATEGIC MANAGEMENT (3 credits). Incorporates all functional business areas dealing with organizational challenges. Emphasizes decision-making processes related to strategy formulation and implementation in global settings. (Requirement: Must be enrolled in University Alliance.) Prerequisites: [EAC 2212](#), [EBA 3334](#), [EMG 3225](#), [EMG 3301](#), [EMK 3601](#).

SCIENCE EDUCATION

EDS 1021 GENERAL PHYSICAL SCIENCE (3 credits). Introduces the concepts and applications of the physical sciences for non-science majors. Includes the processes and history of science, thermodynamics, electricity, waves, chemical reactions, nuclear energy, relativity and the formation of the Earth and the universe.

EDS 1022 GENERAL BIOLOGICAL SCIENCE (3 credits). Introduces the concepts and applications of the biological sciences for non-science majors. Includes cell structure, function and reproduction, genetics and genetic engineering, evolution and the environment.

ECONOMICS–EXTENDED STUDIES

EEC 2303 INTRODUCTION TO MACROECONOMICS (3 credits). Introduces the concepts that aid in understanding both aggregate economic conditions and the policy alternatives designed to stabilize national economies. Includes the determination of GDP and national income, inflation, unemployment, monetary policy, economic growth and exchange rates. (Requirement: Must be enrolled in University Alliance.) (SS) Prerequisites: MTH 1000 or MTH 1001 or [MTH 1701](#) or MTH 1702.

EEC 2304 INTRODUCTION TO MICROECONOMICS (3 credits). Introduces the neoclassical theory of price determination. Includes supply and demand analysis, production and cost theory, market structures, externalities and public goods, factor payments, income distribution and informational asymmetries. (Requirement: Must be enrolled in University Alliance.) (SS) Prerequisites: MTH 1000 or MTH 1001 or [MTH 1701](#) or MTH 1702.

HEALTHCARE ADMINISTRATION–EXTENDED STUDIES

EHC 1103 MEDICAL ETHICS (3 credits). Examines the moral problems that arise in the practice of medicine. Covers theories about what is good and what is right as related to bioethical and socioethical issues.

EHC 3302 HEALTHCARE ORGANIZATIONS (3 credits). Studies the U.S. healthcare system. Includes structure, finance, governance, personnel and cultural values. Emphasizes the influences exerted by the economic, political and social forces within the larger society and the healthcare system's response to these influences. (Requirement: Second-year standing in University Alliance.)

EHC 3303 MANAGED CARE (3 credits). Analyzes the organizational structure and management of managed healthcare. Emphasizes current trends including the payment and financial aspects of America's managed healthcare system. Prerequisites: [EHC 3302](#).

EHC 4402 COMMUNITY HEALTH EVALUATION (3 credits). Studies descriptive epidemiology and its application to the analysis of community health. Emphasizes the computation and interpretation of basic health status indicators, as well as the application of health promotion and disease prevention strategies. Also covers the U.S. public health system and practices. (Requirement: Fourth-year standing in University Alliance.)

EHC 4410 QUALITY IMPROVEMENT METHODS IN HEALTHCARE (3 credits). Studies in depth the quality improvement philosophy, methodologies, tools and issues related to healthcare. Emphasizes quality standard setting, system design, reporting mechanisms and effectiveness assessment. Closely examines the relationship between quality improvement programs, risk management and use review. (Requirement: Fourth-year standing in University Alliance.) Prerequisites: [EHC 3302](#).

EHC 4498 HEALTH PLANNING AND POLICY MANAGEMENT (3 credits). Integrates health services planning, organization management and evaluation as part of capstone. Studies policy formation and management. Prerequisites: [EHC 4402](#).

HUMAN RESOURCES ADMINISTRATION–EXTENDED STUDIES

EHR 3335 SELECTION AND PLACEMENT (3 credits). Focuses on people as strategic resources whose availability and capabilities influence organizational effectiveness. Studies strategies for attracting, assessing, acquiring and withdrawing personnel. Discusses implications of planning and implementing staffing policies. Prerequisites: [EMG 3331](#).

EHR 3340 TRAINING AND DEVELOPMENT (3 credits). Studies the theory and technology of organizational training and development. Includes concepts and applications to training, methodology for training, evaluation, forces shaping future training development, and current practices and needs. Prerequisites: [EMG 3331](#).

EHR 3360 COMPENSATION AND BENEFITS (3 credits). Examines the financial reward systems in organizations. Studies the relevant theoretical and legal perspectives. Includes job evaluation, wage surveys, incentives, pay equity, benefits and compensation strategy. Prerequisites: [EMG 3331](#).

LAW–EXTENDED STUDIES

ELA 2601 LAW 1 (3 credits). Investigates the operational responsibilities of individuals in light of political, moral, social, ethical and jurisprudential considerations.

ELA 2602 LAW 2 (3 credits). Covers advanced topics in the legal aspects of the banking system. Analyzes in depth the Uniform Commercial Code, financial instruments, bankruptcy, creditor-debtor relationships and securities regulations. Prerequisites: [ELA 2601](#).

ELA 2603 ADMINISTRATIVE AND PERSONNEL LAW (3 credits). Studies the effects of administrative and personnel law on the decision-making responsibilities of practitioners. Explores the impact on personnel policies and practices of organizations. Addresses the development, intent and implications of proactive labor legislation from the federal to the local level.

MANAGEMENT–EXTENDED STUDIES

EMG 3225 FINANCE FOR MANAGERS (3 credits). Introduces the principles of corporate financial management. Emphasizes the time value of money in investments of real or financial assets. Covers planning for current assets and liabilities, and long-range capital. Passing grade in EST 2703 is recommended. (Requirements: Ability to use computer spreadsheets and financial business calculator, and enrollment in University Alliance.) Prerequisites: [EAC 2212](#).

EMG 3301 PRINCIPLES OF MANAGEMENT (3 credits). Introduces management as a discipline and process. Includes evolution and scope of management, decision-making, planning, strategy, organizing, staffing, leading, control, change, and the importance of management in the global environment and ethical considerations of management decisions. (Requirements: Successful completion of 30 credit hours and second-year standing in University Alliance.) Prerequisites: [COM 1102](#).

EMG 3325 PUBLIC ADMINISTRATION (3 credits). Analyzes the nature of public administration, its structure and limitations. Includes staff organization and chain of command, unemployment policies, personnel training and management, employees, organizations and public relations. (Requirement: Third-year standing in University Alliance.)

EMG 3327 MANAGEMENT INFORMATION SYSTEMS (3 credits). Studies the important uses of information technology in organizations. Includes information requirements and flow, system design and analysis methodologies, the generation and accumulation of data for decision-making, and the implementation and control of information systems. Prerequisites: [EMG 3301](#).

EMG 3328 BUSINESS ETHICS (3 credits). Studies general moral principles and their application to ethical issues and problems pertaining to business activities, and the nature of the corporation in contemporary society. (Requirement: Third-year standing in University Alliance.) Prerequisites: [COM 1102](#).

EMG 3331 MANAGEMENT OF HUMAN RESOURCES (3 credits). Covers the principles and systems related to the management and leadership of human resources. Includes legal and administrative law issues; health, safety and security; selection and placement; job analysis; training and development; compensation and benefits; and job analysis systems. Prerequisites: [EMG 3301](#).

EMG 3340 INTERNATIONAL MANAGEMENT (3 credits). Covers a broad spectrum of issues critical to developing a sound base of international business skills. Includes the assessment of foreign business practices, understanding international financial and trade practices and the impact on decision-making, and strategy development and implementation. Prerequisites: [EMK 3601](#).

EMG 3398 ORGANIZATION THEORY (3 credits). Emphasizes fundamental concepts of organization theory from a managerial perspective as applied to the behavior and performance of organizations. Serves as the capstone course for the program. Prerequisites: [EMG 3301](#).

EMG 4410 CONTINUOUS QUALITY MANAGEMENT (3 credits). Provides a contemporary approach to organization and management philosophy, theory, concepts and applications. Focuses on improving quality, productivity and competitive position through a realistic, relevant and sweeping view of the body-of-knowledge needed by operating managers to improve systems and processes. Prerequisites: [EMG 3301](#).

EMG 4412 ORGANIZATIONAL BEHAVIOR AND DEVELOPMENT (3 credits). Studies human behavior in organizations. Blends newer concepts of behavior theory with classical organizational theory. Includes methods for bringing change to organizations. Prerequisites: [EMG 3301](#).

MARKETING–EXTENDED STUDIES

EMK 3320 ENTREPRENEURIAL MARKETING (3 credits). Examines the skills and tools needed for start-up marketing. Covers the identification of market segments, product positioning, estimating product demand, setting prices and rapid growth management. Prerequisites: [EMK 3601](#).

EMK 3601 PRINCIPLES OF MARKETING (3 credits). Provides the fundamental principles in the marketing of goods, services and ideas. Includes planning, pricing, promotions and distribution. Focuses on global marketing, marketing ethics and managing the marketing function. (Requirement: Successful completion of 30 credit hours and second-year standing in University Alliance.) Prerequisites: [COM 1102](#), [EEC 2303](#).

EMK 3607 ADVERTISING MANAGEMENT (3 credits). Studies the advertising process and the available techniques to plan, implement and monitor an advertising campaign. Focuses on the application of these techniques to a full-service advertising agency. Prerequisites: [EMK 3601](#).

EMK 4063 INTERNATIONAL MARKETING (3 credits). Examines marketing from a global perspective. Focuses on the effects of international trade and the political, legal, financial and cultural environments on marketing mix decisions. Studies the analysis and design of marketing strategies for diverse international environments. Prerequisites: [EMK 3601](#).

ENGINEERING MANAGEMENT

ENM 5360 TOPICS IN PRODUCT DEVELOPMENT AND TECHNOLOGY STRATEGY (3 credits). Topics such as technology transfer, product strategy formulation, visioning, technology road maps and innovation. (Requirement: Instructor approval.)

STATISTICS–EXTENDED STUDIES

EST 2703 STATISTICS (3 credits). Emphasizes mathematical concepts. Includes measures of central tendency and spread; probability; binomial, normal and t distributions; statistical inference; and linear regression and correlation. (Requirement: Must be enrolled in University Alliance.) Prerequisites: MTH 1000 or MTH 1001 or [MTH 1701](#) or MTH 1702..

HUMANITIES

HUM 1020 ART APPRECIATION (3 credits). Presents basic terms, theories and techniques of the artist, and major art movements and media in the visual arts. Increases understanding and aesthetic pleasure, and develops understanding of the techniques and terminology in the visual arts. ([HU](#))

HUM 1021 INTEGRATED ARTS (3 credits). Introduces visual, written and musical works of art to increase understanding. Develops techniques and terminology in the arts through lectures, discussion, and live performances and events. ([HU](#))

HUM 1023 PHILOSOPHY OF HUMAN NATURE (3 credits). Traces the human pursuit of self-knowledge from ancient Greece to the present. Explores such fundamental philosophical questions as: How can we think clearly without prejudice; is life intrinsically valuable; can science explain everything; and why do we exist. ([HU](#))

HUM 1024 RELIGIONS OF THE WORLD 1: WESTERN RELIGIONS (3 credits). Studies western religions. Includes religions of nonliterate societies and ancient religions, Judaism, Christianity and Islam. ([HU](#))

HUM 1025 RELIGIONS OF THE WORLD 2: EASTERN RELIGIONS (3 credits). Studies eastern religions. Includes Hinduism, Buddhism, Confucianism, Taoism and the religions of Japan. ([HU](#))

HUM 2051 CIVILIZATION 1: ANCIENT THROUGH MEDIEVAL (3 credits). Introduces civilization from its early development to the European Renaissance. Emphasizes the interpretation of primary texts that reflect the intellectual and historical changes in society. The first of two interdisciplinary courses. Prerequisites: [COM 1102](#).

HUM 2052 CIVILIZATION 2: RENAISSANCE THROUGH MODERN (3 credits). Similar in purpose and method to HUM 2051, continues the interpretation of primary texts, emphasizing the Renaissance period, the Enlightenment, Romanticism and the Modern Age. Prerequisites: [COM 1102](#).

HUM 2226 SURVEY OF WORLD LITERATURE 2 (3 credits). Surveys world literature through 20th-century short stories drawn from a wide variety of languages and cultures. Topics include colonization, cultural identity, alienation, gender roles, family life and social class. (HU) Prerequisites: [COM 1102](#).

HUM 2233 MODERN MIDDLE EAST (3 credits). Studies the social, political, religious and economic forces in the modern Middle East. Emphasizes the origin and significance of Islam, developments since World War I, the Arab-Israeli conflict, the importance of religion in the contemporary Middle East and developments in various states in the region. (HU) Prerequisites: [HUM 2051](#).

HUM 3275 CONTEMPORARY LITERATURE (3 credits). Studies literature since the 1960s. May include short stories, plays, poems and novels by McGuane, Davies, Percy, Fowles, Pinter, Beckett and Morrison. The syllabus varies considerably from semester to semester. (HU) Prerequisites: [HUM 2051](#), [HUM 2052](#).

MANAGEMENT

MGT 5000 FINANCIAL ACCOUNTING (3 credits). Studies accounting concepts, the accounting model, measurement processes, financial statements, financial analysis, the accounting cycle, monetary and fixed assets, inventory, current and long-term liabilities, and equity structures of partnerships, proprietorships and corporations.

MGT 5002 CORPORATE FINANCE (3 credits). Covers concepts and tools of corporate financial management including corporate financial planning, forecasting, budgeting, quantitative techniques and practices. Considers the importance of ethics and the international aspects in financial decision-making. Prerequisites: [MGT 5000](#).

MGT 5006 INTRODUCTORY MANAGERIAL STATISTICS (3 credits). Studies methods of collecting, analyzing and interpreting data for managerial decision making. Includes data presentation, measures of central tendency, dispersion and skewness; discrete and continuous probability distributions; sampling methods and sampling distributions; and confidence interval estimation of parameters and tests of hypotheses.

MGT 5013 ORGANIZATIONAL BEHAVIOR (3 credits). Covers the contributions to management theory made by the behavioral sciences. Gives a better understanding of the human being and why he acts as he does. Studies individual and group behavior. Extensively uses current periodicals and case materials.

MGT 5014 INFORMATION SYSTEMS (3 credits). Studies information systems design associated with business organizations. Includes development life cycles, requirements analysis, systems design and performance considerations. Views information systems as strategic tools to provide competitive advantage.

MGT 5022 ANALYTICAL METHODS FOR MANAGEMENT (3 credits). Introduces the fundamental concepts in business mathematics. Includes linear systems, linear programming (graphical method), matrices and logarithms; and differential calculus and its applications. Noncredit for graduate management programs except to meet foundation requirements.

MGT 5066 SYSTEMS ANALYSIS AND MODELING (3 credits). Applies case analysis and modeling tools to a business environment. Discusses systems analysis and constructs computer models. Includes system classification, problem formulation, decision/risk analysis, modeling techniques, discrete event simulation and evaluation of information. Requires a design project. Prerequisites: [MGT 5006](#).

MGT 5067 SYSTEM MANAGEMENT (3 credits). Includes systems science and general system theory; strategic concepts and process management; systematic decision-making and technical disciplines; and communications theory. Recommended for the graduating semester. May serve as the capstone for certain majors.

MGT 5113 PROJECT MANAGEMENT FOR INFORMATION TECHNOLOGY (3 credits). Examines the components and management process of complex projects from the information technology (IT) perspective. Introduces project management tools and techniques useful to the IT professional. Studies the formation and leadership requirements of project management.

MGT 5114 INTRODUCTION TO INFORMATION SECURITY MANAGEMENT (3 credits). Examines the fundamental principles of computer security as applied to information technology (IT). Covers foundations, psychology, prevention, detection, human factors, technical considerations, management processes and future considerations for the security of information technology.

MGT 5115 GLOBAL INFORMATION TECHNOLOGY MANAGEMENT (3 credits). Covers theory, development and impacts of national and international policy on information technology (IT). Explores how frequent shifts in public policy require IT businesses to adjust rapidly to adhere to regulations. Requires development of sophisticated strategies including new technologies, global transfer and analysis to be able to adapt to the changing environment.

MGT 5132 BASIC ECONOMICS (3 credits). Covers market forces of supply and demand, concept of utility, firm and production, production function and costs of production, and various market structures. Introduces macroeconomics, the issues of aggregation, circular flow model, monetary sector and the government stabilization policies.

MGT 5133 ADVANCED ANALYTICAL METHODS FOR MANAGEMENT (3 credits). Quantitative models using management science, operations research and decision science techniques with business applications. Includes linear and integer linear programming (graphical and simplex methods), inventory models, queuing models and Markov processes. Prerequisites: [MGT 5006](#), [MGT 5022](#).

MGT 5149 ECONOMICS FOR BUSINESS (3 credits). Covers advanced economics including economic modeling and forecasting; economic efficiency and allocation of resources in product markets and the public sector; macroeconomics; and open economy, foreign exchange and international trade. Prerequisites: [MGT 5006](#), [MGT 5022](#), [MGT 5132](#).

MGT 5150 MANAGEMENT OF SOFTWARE SYSTEMS (3 credits). Explores management's consideration of functional requirement specifications, design, development, implementation and maintenance of computer-based software systems that provide information technology-related services to organizations. (Requirement: Prerequisite course or equivalent.) Prerequisites: [MGT 5014](#).

MGT 5151 DATABASE SYSTEMS MANAGEMENT (3 credits). Investigates how database management system techniques are used to design, develop, implement and maintain modern database applications in organizations. (Requirement: Prerequisite course or equivalent.) Prerequisites: [MGT 5014](#).

MGT 5152 COMPUTER SYSTEMS ADMINISTRATION (3 credits). Covers a chief information officer's multiple role in management of computer-based resources, both centralized and networked data center operations with wide-area networks and local-area networks; computer-based systems development/maintenance/security. (Requirement: Prerequisite course or equivalent.) Prerequisites: [MGT 5014](#).

MGT 5154 ADVANCED MANAGEMENT INFORMATION SYSTEMS (3 credits). Covers the relationship between information technology and the strategic operational and functional areas of organizations in both global and domestic environments. May serve as the capstone for certain majors. Prerequisites: [MGT 5014](#).

MATHEMATICS

MTH 0003 BASIC ALGEBRA (3 credits). Builds a foundation for algebra. Includes algebraic expressions, order of operations, linear equations and inequalities. Introduces graphing, polynomials, exponents and factoring. Credit may not be applied to any Florida Tech degree.

MTH 0111 INTERMEDIATE ALGEBRA (3 credits). Basic operations on real numbers, algebraic expressions, linear equations, inequalities, exponents, polynomials, factoring, rational functions, roots, radicals, quadratic equations and quadratic functions. Credit cannot be applied toward any Florida Tech degree.

MTH 1701 COLLEGE ALGEBRA (3 credits). Real-number system; arithmetic operations with polynomials, special products and factoring; linear, fractional and quadratic equations; inequalities, exponents, radicals and absolute values; functions and graphs; and complex numbers, logarithms, logarithmic and exponential functions. Credit cannot be applied toward any Florida Tech degree except business, communication, humanities, management and psychology.

MTH 1703 FINITE MATHEMATICS (3 credits). Studies topics in mathematics that are especially applicable to business, such as linear models, linear programming, mathematics of finance, counting methods, probability and statistics. Prerequisites: [MTH 1701](#).

FORENSIC PSYCHOLOGY

PSF 2551 SURVEY OF FORENSIC PSYCHOLOGY (3 credits). Surveys the psychological theories and methods pertinent to the legal and criminal justice systems. Includes victimization, reliability of eyewitness testimony, jury selection, treatment vs. incarceration, insanity, family and drug court issues, and trial testimony. Also explores research and training roles in relation to the justice system. (SS) Prerequisites: PSY 1411, SOC 1551 or SOC 1552.

PSF 3511 INTRODUCTION TO CRIME ANALYSIS (3 credits). Presents the techniques, materials and methods of analysis of crime and criminal activity. Concentration areas include analyzing crime, forecasting criminal occurrences, mapping techniques, crime patterns, suspect identification and monitoring crime trends. (SS) Prerequisites: BUS 2703, [PSF 2551](#), PSY 2511.

PSF 4106 CRISIS AND CONFLICT RESOLUTION (3 credits). Examines crisis and conflict resolution in interpersonal and organizational contexts. Uses theory from behavioral and social sciences to assess, manage and resolve crisis and conflict situations in a criminal justice environment. Includes nature of and responses to crisis and conflict, and strategies for resolving them. Prerequisites: [CRM 3406](#).

PSF 4107 COURTROOM PSYCHOLOGY (3 credits). Uses psychological processes and concepts to investigate components of the American legal system. Discusses decision processes of police officers, prosecutors, defense lawyers, judges and juries. Also covers courtroom procedures, rules of evidence and relevant research. Prerequisites: [CRM 3246](#), [CRM 3406](#).

PSYCHOLOGY

PSY 1411 INTRODUCTION TO PSYCHOLOGY (3 credits). Overviews psychological processes, including both areas in which psychology is a natural science (physiological psychology, sensation and perception, basic learning and cognition) and a social science (motivation, human development, personality, social interaction, psychopathology and psychotherapy). ([SS](#))

PSY 3441 SOCIAL PSYCHOLOGY (3 credits). Surveys the areas of social psychology as it has evolved in American psychology, including its history, methods and theories of intrapersonal, interpersonal and group behavior. Reviews sociological approaches to social psychology and cultural processes that affect social phenomena. ([SS](#)) Prerequisites: [PSY 1411](#).

PSY 3542 SURVEY OF INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY (3 credits). Surveys the application of psychological principles and methods to work. Includes employee selection, motivation, performance and behavior; the structure and function of occupational positions and activities; and the nature, processes and development of organizations. ([SS](#)) Prerequisites: BUS 2703, PSY 2511.

SOCIOLOGY

SOC 1101 HUMAN BEHAVIOR PERSPECTIVE (3 credits). Offers an interdisciplinary viewpoint of the many ways in which human beings function as individuals, members of larger groups and members of particular cultures. Explores the disciplines of sociology, psychology and criminology in seeking to understand and explore human behavior. ([SS](#))

SOC 2551 SOCIAL PROBLEMS (3 credits). Introduces the contemporary social issues such as poverty, unemployment, energy, pollution, sexual deviance, drugs and crime. Includes causes, interactions, policy and possible solutions. ([SS](#)) Prerequisites: [CRM 1000](#).