



*Florida Institute  
of Technology*

*High Tech with a Human Touch™*

**2009–2010**

*Updated July 2009*

**FLORIDA INSTITUTE OF TECHNOLOGY**

**AND**

**UNIVERSITY ALLIANCE**

**PARTNERSHIP CATALOG**

**<http://online.fit.edu/>**

# 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, including those that avail themselves of Florida Tech University Online;
- Professional accreditation for all appropriate programs.

## EXECUTIVE COUNCIL

### **President**

Anthony J. Catanese, Ph.D., FAICP

### **Provost and Executive Vice President**

T. Dwayne McCay, Ph.D.

### **Senior Vice President for Advancement**

Kenneth P. Stackpoole, Ph.D., ATP

### **Vice President for Financial Affairs and Chief Financial Officer**

Joseph J. Armul, M.P.A., CPA

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*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 6,300 students are enrolled in programs on and off campus and online. More than 3,600 students attend class on the Melbourne campus and more than 1,200 at Florida Tech's off-campus sites. Florida Tech offers 172 degree programs in science, engineering, aviation, business, education, humanities, psychology and communication. Doctoral degrees are offered in 22 disciplines, while 81 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 Wernher 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 46,500 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.

## OPERATION AND CONTROL

Florida Tech was granted a charter as a nonprofit corporation by the State of Florida in December 1958. The corporate charter established the school as an independent institution of higher learning with academic programs leading to undergraduate and graduate degrees. The charter ensures that the university will be coeducational in character and that admission will be open to all qualified applicants regardless of race, gender, color, religion, creed, national origin, ancestry, marital status, age, disability, sexual orientation or Vietnam-era veteran status. Under the corporate charter, control of the university is vested in a self-perpetuating board of trustees. Members of the board are selected based on outstanding ability, integrity and personal interest in the development and preservation of the university.

### *Americans with Disabilities Act*

Florida Tech is in compliance with the Americans with Disabilities Act. The university provides access to higher education for persons with disabilities and encourages students with such needs to contact the Academic Support Center at least four weeks in advance of the start of classes to request accommodation or services. The support center may be reached by contacting Rodd Newcombe, Director, (321) 674-7110 or newcombe@fit.edu.

## 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. 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. The student is responsible for submitting all necessary paperwork and meeting all conditions on time.

## 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; available online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov)).

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 Florida Tech e-mail and the awards will be posted on the student's 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 degree-seeking student 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, available at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

Although applications are accepted throughout the year, we encourage graduate students to file prior to the start of classes 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.

***Federal Stafford Student Loan:*** Interest does not accrue on subsidized Stafford loans while the student is in school, or during grace or authorized deferment periods. Students are responsible for all interest that accrues on the unsubsidized Stafford loan while in school, but payment is not required during this time. The current lifetime limit for graduate or professional students is \$138,500 (up to \$65,000 subsidized).

**Federal Graduate PLUS Loan:** A 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 five credit hours per semester to be eligible (at least half time).

**Veterans Accounts and Benefits**

Veterans who receive allowances directly from the government are responsible for paying their fees and charges on the same basis as other students.

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) educational 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

**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 GPA of 2.0 for undergraduate students and 3.0 for graduate students.

The complete probation and dismissal policies are included under “Graduation Requirements” in the *Academic Overview* section.

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 educational benefits to the student.

**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 [www.gibill.va.gov](http://www.gibill.va.gov) (click on “Education Benefits” in the left side menu and scroll down to the appropriate form). 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>.

A copy of the completed form should be forwarded to the Florida Tech online learning 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 online learning VA certifying official, who will notify the VA of the change in place of training.

- **Veterans:** Original VA Form 22-1995: Change in of Program or Place of Training
- **Survivors and Dependents of Veterans:** Original VA Form 22-5495: Change in of Program or Place of Training Survivors’ and Dependents’ Educational Assistance

VA education benefit forms are available online at [www.gibill.va.gov](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 online learning VA 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 ([www.vba.va.gov/VBA/benefits/faq.asp](http://www.vba.va.gov/VBA/benefits/faq.asp)).

### **Benefits for Transient and Nondegree-Seeking Admitted Students**

Students who enter college and are not degree-seeking are placed in a special student or nondegree-seeking (nonmatriculated) status, because either transcripts have not been received, or the student does not meet all program entrance requirements (usually prerequisite unit subjects) or is taking courses at the institution specifically for transfer of credit to another institution. In some cases, students find they must take one or more course at another college, or even two schools simultaneously (concurrent enrollment).

Florida Tech follows the VA procedures for these situations but does not guarantee the VA will pay educational benefits while a student is in a special status. The VA may withhold all payment of educational benefits until the school has evaluated and reported all prior credit.

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 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% or more which 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 or she is notified of entitlement to VA compensation in which to use these benefits.

### **Initiating Vocational Rehabilitation Benefits for the First Time**

Veterans that have never applied for Chapter 31 benefits must fill out VA Form 28-1900. Students can apply online at <http://vabenefits.vba.va.gov/vonapp/main.asp>. Students should be referred to the Department of Veterans Affairs Vocational Rehabilitation and Employment.

For more information, see the Program Services Web site at <http://www.vba.va.gov/bln/vre/vrs.htm>.

It is recommended that students apply online or request the form from the certifying official. The original form must be mailed to the student’s VA regional office where they reside. Addresses can be found at [http://www1.va.gov/directory/guide/division\\_fish.asp?dnum=3](http://www1.va.gov/directory/guide/division_fish.asp?dnum=3) (click on state for address).

Students should also submit a copy of their DD-214 discharge paperwork. The VA will notify the student directly of eligibility and then schedule an interview with a VA counselor to establish benefits. Once final approval is granted the student will be provided a local VA case manager. This case manager will provide the form 28-1905 to the Florida Tech Certifying Official. Copies of the 1900 form and the DD214 must be forwarded to the certifying official at:

Florida Institute of Technology  
Attn: VA Certifying Official  
Office of Online Learning  
Quad 405, Room 106  
150 W. University Blvd.  
Melbourne, FL 32901



## Resuming/Continuing Vocational Rehabilitation Benefits

In order to resume or continue Voc Rehab 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 be provided. The student needs to furnish a copy of their DD214 to the certifying official at this time.

## Withdrawal and Refunds

Students must withdraw through PAWS. Students can drop a course through the end of the first week of classes without receiving a grade of "W". From the end of the first week through the end of the sixth week, a grade of "W" will be assigned. That grade will be reflected on their transcript, but not calculated into a grade point average. Withdrawals after week six will result in the grade earned in the class. To initiate a withdrawal from an online class, students must log into PAWS at [www.fit.edu/paws](http://www.fit.edu/paws).

Students are responsible for maintaining written evidence of all drops/withdrawals. Telephone and e-mail drops/withdrawals will not be accepted. Failure to attend classes or verbal notification to instructors does not constitute an official drop or withdrawal. Students who drop or withdraw without filing the proper form will receive a failing grade of F.

Withdrawals during week one are considered drops. A grade of "W" is not added to the transcript.

If an undergraduate student withdraws from Mastering eLearning (ASC 1006), a graded degree requirement for all undergraduate degree programs, they will be required to register for it the next term they take courses. After three withdrawals from the course, a student will be placed in the lowest level mathematics and communication courses, usually determined by the diagnostic assessments from ASC 1006.

Tuition refunds will be calculated based on the following withdrawal dates:

WEEK	WITHDRAWAL PERMITTED	TUITION REFUNDED	DEADLINE
Week 1	Yes	100%	Sunday 11:59 pm EST
Week 2	Yes	60%	Sunday 11:59 pm EST
Week 3	Yes	40%	Sunday 11:59 pm EST
Week 4	Yes	No Refund	Sunday 11:59 pm EST
Week 5	Yes	No Refund	Sunday 11:59 pm EST
Week 6	Yes	No Refund	Sunday 11:59 pm EST
Week 7	No	No Refund	Withdrawal not permitted
Week 8	No	No Refund	Withdrawal not permitted

# ACADEMIC OVERVIEW

## ACADEMIC CALENDAR

### Fall 1 – 2009

June 25	First day to register for Fall 1 – 2009
Aug. 7	Last day to file a Petition to Graduate for Fall 1 – 2009
Aug. 19	Last day to register for Fall 1 – 2009 without late fee
Aug. 20	First day to register for Fall 2 – 2009
Aug. 26	Last day for Fall 1 – 2009 confirmation of tuition or financial aid
Aug. 26	Last day to register for Fall 1 – 2009 with late fee
Aug. 31	CLASSES BEGIN (Monday)
Sept. 6	Last day to withdraw from a course with full refund
Sept. 7	Holiday ( <i>Labor Day</i> )
Oct. 2	Last day to file a Petition to Graduate for Fall 2 – 2009
Oct. 11	Last day to withdraw from a course with a W and no refund
Oct. 12	Holiday ( <i>Columbus Day</i> )
Oct. 22	Last day for admissions eligibility for Fall 1 – 2009
Oct. 25	Last day of classes (Sunday)

### Fall 2 – 2009

Aug. 20	First day to register for Fall 2 – 2009
Oct. 2	Last day to file a Petition to Graduate for Fall 2 – 2009
Oct. 14	Last day to register for Fall 2 – 2009 without late fee
Oct. 15	First day to register for Spring 1 – 2010
Oct. 21	Last day for Fall 2 – 2009 confirmation of tuition or financial aid
Oct. 21	Last day to register for Fall 2 – 2009 with late fee
Oct. 26	CLASSES BEGIN (Monday)
Nov. 1	Last day to withdraw from a course with full refund
Nov. 11	Holiday ( <i>Veterans Day</i> ) Observed
Nov. 26	Holiday ( <i>Thanksgiving</i> )
Nov. 27	Last day to file a Petition to Graduate for Spring 1 – 2010
Dec. 6	Last day to withdraw from a course with a W and no refund
Dec. 12	Fall Commencement Exercises
Dec. 17	Last day for admissions eligibility for Fall 2 – 2009
Dec. 20	Last day of classes (Sunday)

### Spring 1 – 2010

Oct. 15	First day to register for Spring 1 – 2010
Nov. 27	Last day to file a Petition to Graduate for Spring 1 – 2010
Dec. 30	Last day to register for Spring 1 – 2010 without late fee
Dec. 31	First day to register for Spring 2 – 2010
Jan. 6	Last day for Spring 1–2010 confirmation of tuition or financial aid
Jan. 6	Last day to register for Spring 1 – 2010 with late fee

Jan. 11	CLASSES BEGIN (Monday)
Jan. 17	Last day to withdraw from a course with full refund
Jan. 18	Holiday ( <i>Martin Luther King Jr. Day</i> )
Feb. 12	Last day to file a Petition to Graduate for Spring 2 – 2010
Feb. 15	Holiday ( <i>Presidents Day</i> )
Feb. 21	Last day to withdraw from a course with a W and no refund
March 4	Last day for admissions eligibility for Spring 1 – 2010
March 7	Last day of classes (Sunday)

### Spring 2 – 2010

Dec. 31	First day to register for Spring 2 – 2010
Feb. 12	Last day to file a Petition to Graduate for Spring 2 – 2010
Feb. 24	Last day to register for Spring 2 – 2010 without late fee
Feb. 25	First day to register for Summer 1 – 2010
March 3	Last day for Spring 2 – 2010 confirmation of tuition or financial aid
March 3	Last day to register for Spring 2 – 2010 with late fee
March 8	CLASSES BEGIN (Monday)
March 14	Last day to withdraw from a course with full refund
April 9	Last day to file a Petition to Graduate for Summer 1 – 2010
April 18	Last day to withdraw from a course with a W and no refund
April 22	First day to register for Summer 2 – 2010
April 29	Last day for admissions eligibility for Spring 2 – 2010
May 2	Last day of classes (Sunday)
May 7	Spring Commencement Exercises (Friday)

### Summer 1 – 2010

Feb. 25	First day to register for Summer 1 – 2010
April 9	Last day to file a Petition to Graduate for Summer 1 – 2010
April 21	Last day to register for Summer 1 – 2010 without late fee
April 22	First day to register for Summer 2 – 2010
April 28	Last day for Summer 1 – 2010 confirmation of tuition or financial aid
April 28	Last day to register for Summer 1 – 2010 with late fee
May 3	CLASSES BEGIN (Monday)
May 9	Last day to withdraw from a course with full refund
May 31	Holiday ( <i>Memorial Day</i> )
June 4	Last day to Petition to Graduate for Summer 2 – 2010
June 13	Last day to withdraw from a course with a W and no refund
June 24	Last day for admissions eligibility for Summer 1 – 2010
June 24	First day to register for Fall 1 – 2010
June 27	Last day of classes (Sunday)

## Summer 2 – 2010

April 22	First day to register for Summer 2 – 2010
June 4	Last day to Petition to Graduate for Summer 2 – 2010
June 23	Last day to register for Summer 2 – 2010 without late fee
June 24	First day to register for Fall 1 – 2010
June 30	Last day for Summer 2 – 2010 confirmation of tuition or financial aid
June 30	Last day to register for Summer 2 – 2010 with late fee
July 4	Holiday ( <i>Independence Day</i> )
July 5	CLASSES BEGIN (Monday)
July 11	Last day to withdraw from a course with full refund
Aug. 6	Last day to file a Petition to Graduate for Fall 1 – 2010
Aug. 15	Last day to withdraw from a course with a W and no refund
Aug. 26	Last day for admissions eligibility for Summer 2 – 2010
Aug. 29	Last day of classes (Sunday)

## Fall 1 – 2010

June 24	First day to register for Fall 1 – 2010
Aug. 6	Last day to file a Petition to Graduate for Fall 1 – 2010
Aug. 18	Last day to register for Fall 1 – 2010 without late fee
Aug. 21	First day to register for Fall 2 – 2010
Aug. 25	Last day for Fall 1 – 2010 confirmation of tuition or financial aid
Aug. 25	Last day to register for Fall 1 – 2010 with late fee
Aug. 30	CLASSES BEGIN (Monday)
Sept. 5	Last day to withdraw from a course with full refund
Sept. 6	Holiday ( <i>Labor Day</i> )
Oct. 1	Last day to file a Petition to Graduate for Fall 2 – 2010
Oct. 10	Last day to withdraw from a course with a W and no refund
Oct. 11	Holiday ( <i>Columbus Day</i> )
Oct. 21	Last day for admissions eligibility for Fall 1 – 2010
Oct. 24	Last day of classes (Sunday)

## Fall 2 – 2010

Aug. 21	First day to register for Fall 2 – 2010
Oct. 1	Last day to file a Petition to Graduate for Fall 2 – 2010
Oct. 13	Last day to register for Fall 2 – 2010 without late fee
Oct. 14	First day to register for Spring 1 – 2011
Oct. 20	Last day for Fall 2 – 2010 confirmation of tuition or financial aid
Oct. 20	Last day to register for Fall 2 – 2010 with late fee
Oct. 25	CLASSES BEGIN (Monday)
Oct. 31	Last day to withdraw from a course with full refund
Nov. 11	Holiday ( <i>Veterans Day</i> ) Observed

Nov. 25	Holiday ( <i>Thanksgiving</i> )
Nov. 26	Last day to file a Petition to Graduate for Spring 1 – 2011
Dec. 5	Last day to withdraw from a course with a W and no refund
Dec. 11	Fall Commencement Exercises
Dec. 16	Last day for admissions eligibility for Fall 2 – 2010
Dec. 19	Last day of classes (Sunday)

*This calendar is subject to change. For more current information. See the online calendar at <http://online.fit.edu/calendar.php>.*

## ADMISSION REQUIREMENTS

### All Students

#### Flow Charts / Program Plans

Students will receive a degree program plan/flow chart showing the most commonly accepted sequence of courses for their degree program as soon as admission is complete. Students should contact the University Alliance enrollment representative if they have not received a degree program plan/flow chart.

#### 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.

## Readmission Policy

A student who has been away from the university for two or more consecutive years or who has attended another institution during an absence from the university must apply for readmission. If readmission is approved, the degree requirements in place at the time of readmission, or later with academic approval, must be met. A student is not considered absent from the university during a period of study at another institution if a Request to Study at Another Institution form was submitted and approved before enrollment for the other institution's courses. A student who has been away from the campus for less than two years and who has not attended any other college or university may register for class without filing an application for readmission.

## Enrollment Verification

Florida Tech has authorized the National Student Clearinghouse to act as the agent for all verifications of student enrollment and degrees for lenders, or anyone requesting verification. Students can contact the Clearinghouse at [service@studentclearinghouse.org](mailto:service@studentclearinghouse.org), by phone at (703) 742-4200 or fax to (703) 742-4239. A direct link to the Clearinghouse for free enrollment verification is available from the PAWS student records menu.

## 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.

## Undergraduate Student Admission

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

Any student with an accredited 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 Procedures

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 has 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 24 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. These transcripts will be requested on the student's behalf as part of the application process.
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 Student Admission

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.

### Application Procedures

Applicants for master's degree programs may request their applications for the upcoming term: [www.floridatechonline.com](http://www.floridatechonline.com). Students must complete the application and provide all required documents to be considered for full admission 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](http://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 Students

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 Student Admission

Florida Tech is authorized under federal law to enroll nonimmigrant 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 oversees the evaluation of all transcripts presented that indicate academic course work beyond the high school level. The office of online learning will determine the exact number and nature of credits granted once the international evaluation is received. Transfer credit is determined at the department level for graduate international students.

## 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](http://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](http://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](http://www.ece.org)

## ACADEMIC POLICIES

### *Transfer Credit*

#### **Transfer Credit Evaluation Time Limits**

While Florida Tech makes every effort to complete the official certification of transfer credit during the term in which the complete documentation was received, university policy allows two (2) consecutive 8-week terms in which to complete the transfer credit process.

### **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. Florida Tech operates on the semester system. To convert credit hours transferred in from a quarter-system institution to semester credit hours, the number of quarter hours is divided by 1.5. 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, 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 Online Learning, 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 online learning office with college catalog(s) and/or course syllabi and names of textbooks used in courses to help assure a thorough transfer credit evaluation. Appeals to the transfer credit evaluation must be submitted in writing to the online learning office before the student completes the second term. Instructions for appeal are included with the 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 University Alliance at Florida Tech from the issuing institution. The online learning office coordinates the process once all completed documentation is received, certifies courses without respect to the major and provides notice of the official evaluation. University policy 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.

### **UNDERGRADUATE STUDY AT ANOTHER INSTITUTION**

A currently enrolled student may take a maximum of three courses at other institutions for transfer to a Florida Tech undergraduate degree program. Prior approval by the credential evaluator supervisor is mandatory. The student must complete and submit the applicable form with all required signatures and a written justification to the credential evaluator supervisor. A copy of the other institution's published course description(s) is required.

Florida Tech's forgiveness policy is not applicable under the study at another institution policy. Financial aid recipients may wish to consult the Office of Financial Aid before requesting to study at another institution.

All requirements affecting transfer of credits taken elsewhere for application toward a Florida Tech bachelor's degree apply, as listed in under "Transfer Credit." No credit will be awarded for a course taken elsewhere if the student was ineligible to take the equivalent course at Florida Tech for any reason.

This catalog does not list the complete policy for studying at another institution. The complete policy on undergraduate study at other institutions can be obtained by contacting [tceua@fit.edu](mailto:tceua@fit.edu)

### **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.

No credit is given for courses listed on transcripts without grades, for courses carrying grades but not credit hours, for vocational/technical 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.

### 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.

### International Students

Undergraduate transfer credit may be awarded for courses taken at an international college or university that is recognized as being degree-granting by that country's educational governing authority. The student may be required to contact the country's educational governing authority to request that official documentation be mailed from the educational governing authority directly to the Florida Tech registrar's office.

A student requesting transfer credit for academic work completed at an international educational institution must request that official transcripts be mailed directly to the Florida Tech from all previous institutions, showing all courses taken, dates and grades. A transcript is considered official only when each issuing institution mails the transcript directly to University Alliance at Florida Tech. Official course descriptions and/or syllabi are also required. In the case of transcripts and course syllabi that are not in English, official English translations are required. Florida Tech reserves the right to require the student to request an independent evaluation and/or recommendation regarding the international institution, performed by an agency specified by Florida Tech.

## Credit by Examination

### Advanced Placement Program (AP)

Credit is awarded for the College Board Advanced Placement Program (AP) examinations on which a student scores four or higher, as detailed below:

SUBJECT	SCORE	CREDIT
<b>Science</b>		
Biology	4	BIO 1010 (4)
	5	BIO 1010 (4) and BIO 1020 (4)
Chemistry	4	CHM 1101 (4)
	5	CHM 1101 (4) and CHM 1102 (4)
Environmental Science	4, 5	ENS 1001 (3)
Physics B	4, 5	Freshman Science Elective (6)
Physics C-Mech.	4, 5	PHY 1001 (4)
Physics C-E/M	4, 5	PHY 2002 (4)
<b>Mathematics and Computer Science</b>		
Calculus AB	4, 5	MTH 1001 (4)
Calculus BC	4, 5	MTH 1001 (4) and MTH 1002 (4)
Computer Science AB	4	Freshman CIS Elective (4)
	5	Freshman CIS Electives (8)
Statistics	4, 5	EST 2703 (3)
<b>English</b>		
Language and Comp.	4, 5	COM 1101 (3)
Literature and Comp.	4, 5	COM 1102 (3)
<b>Humanities and Social Sciences</b>		
Art History	4, 5	Humanities Elective (3)
Human Geography	4, 5	Free Elective (3)
Music Theory	4, 5	Humanities Elective (3)
Studio Art, Drawing	4, 5	Free Elective (3)
Studio Art, 3D Design	4, 5	Free Elective (3)
Macroeconomics	4, 5	EEC 2303 (3)
Microeconomics	4, 5	EEC 2304 (3)
Psychology	4, 5	PSY 1411 (3)
U.S. Gov't. and Politics	4, 5	Social Science Elective (3)
Comp. Gov't. and Politics	4, 5	Social Science Elective (3)
U.S. History	4, 5	Humanities Elective (3)
European History	4, 5	Humanities Elective (3)
<b>Languages</b>		
French Language	4	LNG 1101 (3)
	5	LNG 1101 (3) and LNG 1102 (3)
French Literature	4, 5	Humanities Elective (3)
German Language	4	LNG 1201 (3)
	5	LNG 1201 (3) and LNG 1202 (3)
Latin/Vergil	4, 5	Languages Elective (3)
Latin Literature	4, 5	Languages Elective (3)
Spanish Language	4	LNG 1301 (3)
	5	LNG 1301 (3) and LNG 1302 (3)
Spanish Literature	4, 5	Humanities Elective (3)



A student receiving a grade of three or better on AP examinations in most subjects, but not receiving Florida Tech credit under the above provisions, is encouraged to petition to take an equivalency examination, if offered, for further evaluation of possible credit.

### **College-Level Examination Program (CLEP)**

Florida Tech grants academic credit for Subject Examinations only. To receive credit, the minimum score must be equal to or above the recommended percentile as published by the American Council on Education. CLEP examinations are not administered on the Florida Tech campus. Please e-mail [tceua@fit.edu](mailto:tceua@fit.edu) for further information.

Florida Tech expects students to take any CLEP examination before enrollment. Although a student may take these examinations while enrolled at Florida Tech, they may do so only with the permission of their major department and college dean. Credit earned from CLEP is excluded from the three-course limit that applies to the study at another institution policy. Please e-mail [tceua@fit.edu](mailto:tceua@fit.edu) for further information.

### **International Examinations**

Credit is awarded for grades of four or higher in the International Baccalaureate (IB) program for higher-level examinations and certain standard-level examinations for IB diploma holders. Based on a review of the subject areas and scores, credit is also awarded for receiving C or better for the British GCE examinations at the advanced level (A-level), or for the Caribbean Advanced Proficiency Examinations (CAPE) when two units are completed.

### **ACE/DANTES**

Credit is only considered for Military Course Completions and only when listed on an official American Council of Education (ACE) SMARTS or AARTS transcript. Credit is awarded based on ACE recommendation and Florida Tech transfer credit policy.

Credit is considered for DANTES Subject Standardized Tests (DSST) and CLEP subject area exams through DANTES listed on an official DANTES transcript. Credit is awarded based on ACE recommendation and Florida Tech transfer credit policy.

Florida Tech expects students to take any ACE/DANTES examinations before enrollment. Although a student may take these examinations while enrolled at Florida Tech, they may do so only with the permission of their major

department and college dean. Credit earned from ACE/DANTES is excluded from the three-course limit that applies to the study at another institution policy. Please e-mail [tceua@fit.edu](mailto:tceua@fit.edu) for further information.

## **Grade Point Average (GPA)**

### **All 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 to 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.

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.

### **Definition of Full-time / Part-time**

#### **All Students**

For the purposes of reporting and financial aid, etc., students are considered full time if enrolled for six credits, half time for three credits and less than half time for fewer than three credits. See “Classification of Students” for recommended course load limits.

### **Classification of Students**

#### **Classification of 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.

Florida Tech will review the standing of each student, regardless of admission status, at the end of each term. The review will include all grades received during that time. Determination for probation and/or dismissal will be made at this time. Students will be informed of any change in their standing by formal notification from the school.

#### **UNDERGRADUATE COURSE LOAD LIMIT**

Undergraduate students are strongly encouraged to limit their enrollment to two courses per 8-week term. An additional class may be requested for a maximum course load of nine credit hours per term by contacting the academic unit head of the major degree program in which the student is enrolled.

#### **Classification of Graduate Students**

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

1. **Regular Student:** 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 who does not meet the above criteria can be classified as a provisional student.

#### **GRADUATE COURSE LOAD LIMIT**

Graduate students are strongly encouraged to limit their enrollment to one course per 8-week term. An additional class may be requested for a maximum course load of six credit hours per term by contacting the academic unit head of the major degree program in which the student is enrolled.

### **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.

### Withdrawal and Refunds

Students must withdraw through PAWS. Students can drop a course through the end of the first week of classes without receiving a grade of "W". From the end of the first week through the end of the sixth week, a grade of "W" will be assigned. That grade will be reflected on their transcript, but not calculated into a grade point average. Withdrawals after week six are not permitted. Students will receive the grade earned in the course. To initiate a withdrawal from an online class, students must log into PAWS at [www.fit.edu/paws](http://www.fit.edu/paws).

Students are responsible for maintaining written evidence of all drops/withdrawals. Telephone and e-mail drops/withdrawals will not be accepted. Failure to attend classes or verbal notification to instructors does not constitute an official drop or withdrawal. Students who drop or withdraw without filing the proper form will receive a failing grade of F.

Withdrawals during week one are considered drops. A grade of "W" is not added to the transcript.

If an undergraduate student withdraws from Mastering eLearning (ASC 1006), a graded degree requirement for all undergraduate degree programs, they will be required to register for it the next term they take courses. After three withdraws from the course, a student will be placed in the lowest level mathematics and communication courses, usually determined by the diagnostic assessments from ASC 1006.

Tuition refunds will be calculated based on the following withdrawal dates:

WEEK	WITHDRAWAL PERMITTED	TUITION REFUNDED	DEADLINE
Week 1	Yes	100%	Sunday 11:59 pm EST
Week 2	Yes	60%	Sunday 11:59 pm EST
Week 3	Yes	40%	Sunday 11:59 pm EST
Week 4	Yes	No Refund	Sunday 11:59 pm EST
Week 5	Yes	No Refund	Sunday 11:59 pm EST
Week 6	Yes	No Refund	Sunday 11:59 pm EST
Week 7	No	No Refund	Withdrawal not permitted
Week 8	No	No Refund	Withdrawal not permitted

## 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.

### Undergraduate Diagnostic Assessments

All undergraduate degree-seeking students are required to complete certain diagnostic assessments during the first 8-week term and no later than the end of the third week of classes. Academic credit is not earned on the basis of diagnostic assessments. The assessments aid in placement of the student in the correct level of courses as designated in the student's published program plan.

As a requirement for Mastering eLearning (ASC 1006), all degree-seeking students must complete diagnostic assessments as assigned, without regard to transfer credits awarded or transfer credits under evaluation. Any transfer credit officially awarded will supersede scores received through diagnostic assessments.

### Quality Enhancement Plan Requirements

SACS requires each university to develop and implement a unique quality enhancement plan (QEP) to enhance student learning in all undergraduate programs in a manner consistent with the university's mission, heritage and recognized strengths.

Florida Tech's ongoing emphasis on the relationships among research, teaching and learning led to the selection of scholarly inquiry as the theme for the QEP. Its goals focus on student application of academic knowledge, and student problem-solving and communication skills. Florida Tech's QEP is designed to accommodate the various forms of scholarly inquiry including student design projects, student research and investigations undertaken as part of preprofessional internships.

All QEP projects are undertaken during the junior and/or senior year. Courses within the QEP are designated 'Q' in the *Degree Programs* and *Course Descriptions* sections of this catalog. Consistent with this, all undergraduate students are required to plan, undertake and report on a scholarly project in an area of their own choosing that is approved by the instructor of the Q-designated courses in their program of study.

### 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. Active duty military and activated reservist students and their dependants are excluded from the final 12-credit-hour requirement. 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.

### Undergraduate Dual Majors

Students may pursue a concurrent dual degree only from within the University Alliance programs currently offered. University Alliance students may not seek a second degree from an academic unit outside the University Alliance partnership while currently fulfilling requirements for the first degree. A student may only enroll consecutively for a second degree outside the partnership (from another academic unit at Florida Tech.)

### Undergraduate Grading System

GRADE	EQUIVALENT	RANGE	QUALITY 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 of Grades

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.

### Appealing a Grade

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.

## Undergraduate Student Probation and Dismissal

Academic probation status will be applied to an undergraduate student with a cumulative GPA less than 2.0 at the end of any term. A student on academic probation is not permitted to register for more than six credit hours without the approval of the student's dean. 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.

The student's academic performance is reviewed at the end of the probationary term. The probationary status is continued if the cumulative GPA is less than 2.0 and falls within the minimum standards below:

0 to 59 credit hours .....	at least 1.50
60 to 89 credit hours .....	at least 1.70
90 or more credit hours.....	at least 1.90

*Note: Credit hours above include transfer credits, credits by examination and all Florida Tech credits earned*

The academic probation status is removed after the review if both term and cumulative GPA are 2.0 or higher.

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 registrar's office. 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 registrar's office 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

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.

## 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.

### **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.

### **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.

### **Second or Subsequent Master's Degrees**

A student may seek a second (or subsequent) master's degree from Florida Tech where permitted. Following admission to the first program, the student may apply for admission to an additional program. A separate program plan must be prepared for each degree program at least one month prior to the time nine semester credit hours of graduate course work have been completed.

At least half of the course work leading to any master's degree granted by Florida Tech must have been taken at Florida Tech, but never applied to any other degree. With approval of the academic unit head, credit for nonthesis or nondegree formal course work used previously to meet requirements for a master's degree at Florida Tech may be used to meet up to half of the credits required for a subsequent master's degree. The academic unit head will decide on a per-course basis, the applicability of each course to be applied to the second program. The academic unit head of the program in which the student wishes to enroll must approve the final program including those courses applied from a previous degree.

The overall cumulative GPA carried on the transcripts will include all courses for all graduate degrees. A notation will be made of the program GPA compiled for each degree, which will include only courses that were applied to the respective degree. Neither degree will be awarded unless both the program GPA compiled on the basis of only those courses applied to that degree, and the overall cumulative GPA are at least 3.0.

### **Graduate Student Grading System**

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.

### **Notification of Grades**

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.

### **Appealing a Grade**

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 Student Probation and Dismissal**

Master's students must continue to demonstrate academic proficiency in course work and must show reasonable progress toward the 3.0 GPA required for graduation.

Master's students whose cumulative GPA falls below 3.0 are no longer considered to be in academic good standing. Students are returned to good standing by earning a minimum cumulative GPA of 3.0.

Students no longer in academic good standing who fail to meet the required minimum term GPA of 3.0 will have their academic standing progress sequentially through warning, probation, suspension and dismissal.

In addition, any of the following conditions will result in immediate academic dismissal:

- A term or overall GPA below 2.0 at any time.
- Two or more grades of U in any course taken as a graduate student.
- Judgment by the Graduate Council that the student is not making satisfactory academic progress, or that the academic efforts of other students are hampered by his or her presence.

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)**

In all cases of academic probation and dismissal, the student will be so notified in writing. The student's registration will be canceled and further class attendance will not be permitted until the dismissed student has been reinstated. Any academic dismissal can be appealed for educationally sound reasons at any time. A letter of appeal requesting reinstatement must be submitted as instructed in the dismissal letter. The letter is forwarded to the academic unit head for careful consideration. The academic unit head makes the decision about whether or not to reinstate the dismissed student. The student is informed about the decision in writing and instructed regarding if and when registration may resume.

## ***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 dishonesty will be documented for future reference in the student's academic file.

All Florida Tech faculty have access to an online tool at <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 *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 [www.smarthinking.com/static/sampleTutorials](http://www.smarthinking.com/static/sampleTutorials).

## Release of Student Information

The Family Educational Rights and Privacy Act of 1974 (FERPA) as Amended established a set of regulations governing access to and the release of personal and academic information contained in student education records. FERPA applies to the education records of persons who are or have been in attendance in postsecondary institutions, including students in cooperative or correspondence study programs. FERPA does not apply to records of applicants for admission who have been denied acceptance or, if accepted, do not attend an institution.

Education records are all records that contain information directly related to a student and are maintained by an educational agency or institution, or a party acting for the institution. Exceptions to education records include sole possession records, law enforcement unit records, employment records, health records and alumni records. Rights under FERPA are not given to students enrolled in one component of an institution who seek to be admitted in another component of the institution.

Under FERPA, the rights accorded to parents transfer to students who have reached the age of 18 or who attend a postsecondary institution. These rights are:

1. The right to inspect and review their education records within 45 days of the day the university receives a request for access. Students should submit to the registrar, dean, head of the academic unit or other appropriate official, written requests that identify the record(s) they wish to inspect. The university official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the university official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be made.

2. The right to request amendment of the student's education records the student believes are inaccurate or misleading. A student should write the university official responsible for the record, clearly identify the part of the record they want changed and why it is felt to be inaccurate or misleading.

FERPA was not intended to provide a process to be used to question substantive judgments that are correctly recorded. The rights of challenge are not intended to allow students to contest, for example, a grade in a course because they felt a higher grade should have been assigned.

If the university decides not to amend the record as requested by the student, the university will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to consent to disclosure of personally identifiable information contained in the student's educational records, except to the extent that FERPA authorizes disclosure without consent. One exception that permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the university in an administrative, supervisory, academic or research, or support staff position, including law enforcement unit personnel and health staff; and a person or a company with whom the university has contracted, such as attorney, auditor or collection agent (includes consultants, volunteers and other non-employees performing institutional services and functions).

Disclosure is defined as permitting access to or the release, transfer or other communication of the educational records of a student or the personally identifiable information contained therein to any party orally, in writing, by electronic means or by any other means. Disclosure of confidential information to a school official having a legitimate educational interest does not constitute authorization to share that information with a third party without the student's written permission.



FERPA allows release of the following directory information to the public without student consent: student's name, address, telephone number, date and place of birth, major field(s) of study, e-mail address, participation in officially recognized activities and sports, weight and height of athletic team members, dates of attendance, part-time or full-time status, degrees and awards/honors received and the most recent educational institution attended other than Florida Tech.

Students may prevent the release of directory information by completing a Request to Prevent Disclosure of Directory Information form available online and from the Office of the Registrar. By law, however, a student cannot prevent the release of directory information to the U.S. military for recruiting purposes.

Student consent is required for the release of personally identifiable information such as semester grades, academic record, current academic standing, class schedules and Social Security/student number. Student consent is not legally required for disclosure of this information, and reports of alcohol or drug policy violations by students under the age of 21, to certain government agencies/officials, sponsoring agencies, parents/guardians of dependent students and to selected university personnel determined to have a legitimate educational interest in such records.

Students may consent to release personally identifiable information to others by completing the Authorization for Release of Student Information form available online and from the registrar's office.

Information about the provisions of the Family Educational Rights and Privacy Act of 1974 as Amended, and the full text of the law, may be obtained from the registrar's office.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Florida Tech to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Compliance Office  
U.S. Department of Education  
400 Maryland Ave., SW  
Washington, DC 20202-4605

The Solomon Amendment established guidelines for the release of directory information to the United States military for recruiting purposes. This Congressional act allows release of the following directory information without student consent to military recruiters for present and previously enrolled students at least 17 years of age: student name, address, date and place of birth, telephone number, level of education, major field(s) of study, degrees received and the educational institution in which the student was most recently enrolled.

### ***Student Right to Know***

Florida Tech is in compliance with both the Student Right to Know Act of 1990 and the Campus Awareness and Campus Security Act of 1990.

Data in compliance with the Student Right to Know Act can be found in the university's Student Handbook. The Office of Campus Security keeps statistics on compliance with the Campus Awareness and Campus Security Act. These statistics can be found on the university Web site, and are published and distributed to the university community on an annual basis. They are also available on request to other interested parties.

# UNDERGRADUATE DEGREE PROGRAMS

## FLOW CHARTS / PROGRAM PLANS

Students will receive a degree program plan/flow chart showing the most commonly accepted sequence of courses for their degree program as soon as admission is complete. Students should contact the University Alliance enrollment representative if they have not received a degree program plan/flow chart.

### Minor Program in Human Resources Management

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.

PROGRAM	CREDITS
Core and Major Education.....	12
Restricted and Free Electives.....	6
Total Credits Required.....	18

CORE AND MAJOR EDUCATION	CREDITS
EMG 3331 Management of Human Resources (Prerequisite: EMG 3301).....	3
EHR 3335 Selection and Placement (Prerequisite: EMG 3331).....	3
EHR 3340 Training and Development (Prerequisite: EMG 3331).....	3
EHR 3360 Compensation and Benefits (Prerequisite: EMG 3331).....	3
<b>TOTAL CORE AND MAJOR EDUCATION CREDITS</b>	<b>12</b>

RESTRICTED AND FREE ELECTIVES	CREDITS
<i>Electives (choose two).....</i>	<i>6</i>
ELA 2603 Administrative and Personnel Law	
EMG 3328 Business Ethics (Prerequisite: COM 1102)	
EMG 3398 Organization Theory (Prerequisite: EMG 3301)	
EMG 4412 Organizational Behavior and Development (Prerequisite: EMG 3301)	
PSF 4106 Crisis and Conflict Resolution (Prerequisite: CRM 3406)	
PSY 3441 Social Psychology	
<b>TOTAL RESTRICTED AND FREE ELECTIVE CREDITS</b>	<b>6</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>18</b>

### Associate of Arts in Accounting

PROGRAM	CREDITS
Total Credits Required .....	64
CORE AND MAJOR EDUCATION	CREDITS
ASC 1006 Mastering eLearning (Requirement for all Florida Tech University Online students.).....	1
CIS 1140 Business Computer Skills (CL).....	3
COM 1101 Composition and Rhetoric (Requirement: Passing grade on the placement test or COM 0110.).....	3
COM 1102 Writing About Literature (Prerequisite: COM 1101).....	3
COM 2224 Business and Professional Writing (COM) (Prerequisite: COM 1102).....	3
EAC 2211 Principles of Accounting 1 .....	3
EAC 2212 Principles of Accounting 2 (Prerequisite: EAC 2211).....	3
EAC 3214 Accounting Information Systems (Requirement: Third-year standing.) (Prerequisite: EAC 2212).....	3
EAC 3331 Cost Accounting (Requirement: Third-year standing.) (Prerequisite: EAC 2212).....	3
EDS 1021 General Physical Science.....	3
EDS 1022 General Biological Science.....	3
EEC 2303 Introduction to Macroeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
EEC 2304 Introduction to Microeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
ELA 2601 Law 1.....	3
EMG 3301 Principles of Management (Requirement: Successful completion of 30 credit hours and second-year standing.) (Prerequisite: COM 1102).....	3
EST 2703 Statistics (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102).....	3
HUM 2052 Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102).....	3
MTH 1701 College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111) .....	3
MTH 1703 Finite Mathematics (Prerequisite: MTH 1701).....	3
PSY 1411 Introduction to Psychology (SS).....	3
<i>Humanities (choose one).....</i>	<i>3</i>
HUM 1015 Mythology (HU)	
HUM 1020 Art Appreciation (HU)	
HUM 1021 Integrated Arts (HU)	
HUM 1023 Philosophy of Human Nature (HU)	

HUM 1024	Religions of the World 1: Western Religions (HU)
HUM 1025	Religions of the World 2: Eastern Religions (HU)
HUM 2233	Modern Middle East (HU) (Prerequisite: HUM 2051)
HUM 3275	Contemporary Literature (HU) (Prerequisites: HUM 2051, HUM 2052)
<b>TOTAL CREDITS REQUIRED 64</b>	

### Associate of Arts in Business Administration

PROGRAM	CREDITS
Core and Major Education.....	55
Electives.....	6
Total Credits Required .....	61

CORE AND MAJOR EDUCATION	CREDITS
ASC 1006 Mastering eLearning (Requirement for all Florida Tech University Online students.).....	1
CIS 1140 Business Computer Skills (CL).....	3
COM 1101 Composition and Rhetoric (Requirement: Passing grade on the placement test or COM 0110.).....	3
COM 1102 Writing About Literature (Prerequisite: COM 1101).....	3
COM 2000+ Select one 2000-level (or higher) communication course.....	3
EAC 2211 Principles of Accounting 1.....	3
EAC 2212 Principles of Accounting 2 (Prerequisite: EAC 2211).....	3
EEC 2303 Introduction to Macroeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
EEC 2304 Introduction to Microeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
ELA 2601 Law 1.....	3
EMG 3301 Principles of Management (Requirement: Successful completion of 30 credit hours and second-year standing.) (Prerequisite: COM 1102).....	3
EST 2703 Statistics (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102).....	3
HUM 2052 Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102).....	3
MTH 1000+ Select one 1000-level (or higher) math course.....	3
MTH 1701 College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111).....	3
	<i>Physical/Life Sciences</i> ..... 6
EDS 1021 General Physical Science (Recommended)	
EDS 1022 General Biological Science (Recommended)	
	<i>Social Science (choose one)</i> ..... 3
CRM 1000 Introduction to Criminal Justice (SS) (Requirement: Basic computer skills.)	
CRM 2320 Drugs, Crime and Society (SS) (Prerequisite: CRM 1000)	

PSY 1411	Introduction to Psychology (SS)
SOC 1101	Human Behavior Perspective (SS)
SOC 2551	Social Problems (SS)
<b>TOTAL CORE AND MAJOR EDUCATION CREDITS 55</b>	

ELECTIVES	CREDITS
	<i>Humanities (choose two)</i> ..... 6
HUM 1015	Mythology (HU)
HUM 1020	Art Appreciation (HU)
HUM 1021	Integrated Arts (HU)
HUM 1023	Philosophy of Human Nature (HU)
HUM 1024	Religions of the World 1: Western Religions (HU)
HUM 1025	Religions of the World 2: Eastern Religions (HU)
HUM 2233	Modern Middle East (HU) (Prerequisite: HUM 2051)
HUM 3275	Contemporary Literature (HU) (Prerequisites: HUM 2051, HUM 2052)
<b>TOTAL ELECTIVE CREDITS 6</b>	
<b>TOTAL CREDITS REQUIRED 61</b>	

### Associate of Arts in Criminal Justice

PROGRAM	CREDITS
Core and Major Education.....	55
Electives.....	6
Total Credits Required .....	61

CORE AND MAJOR EDUCATION	CREDITS
ASC 1006 Mastering eLearning (Requirement for all Florida Tech University Online students.).....	1
CIS 1140 Business Computer Skills (CL).....	3
COM 1101 Composition and Rhetoric (Requirement: Passing grade on the placement test or COM 0110.).....	3
COM 1102 Writing About Literature (Prerequisite: COM 1101).....	3
COM 2000+ Select one 2000-level (or higher) communication course.....	3
CRM 1000 Introduction to Criminal Justice (SS) (Requirement: Basic computer skills.).....	3
CRM 1246 Introduction to Law and the Legal System May be taken with CRM 1000 (Prerequisite: CRM 1000).....	3
CRM 2001 Research Methods in Criminal Justice (Prerequisites: EST 2703, PSY 1411).....	3
CRM 2102 Theories of Crime and Criminal Behavior (Prerequisite: CRM 2001).....	3
CRM 2203 Delinquency and Prevention (Prerequisite: CRM 2102).....	3
CRM 2244 Substantive Criminal Law (Prerequisite: CRM 1246).....	3
CRM 2320 Drugs, Crime and Society (SS) (Prerequisite: CRM 1000).....	3
EST 2703 Statistics (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
HUM 2051 Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102).....	3

HUM 2052	Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102).....	3
MTH 1701	College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111).....	3
PSY 1411	Introduction to Psychology (SS).....	3
	<i>Physical/Life Sciences</i> .....	6
EDS 1021	General Physical Science (Recommended)	
EDS 1022	General Biological Science (Recommended)	

**TOTAL CORE AND MAJOR EDUCATION CREDITS 55**

**ELECTIVES CREDITS**

	<i>Humanities (choose one)</i> .....	3
HUM 1015	Mythology (HU)	
HUM 1020	Art Appreciation (HU)	
HUM 1021	Integrated Arts (HU)	
HUM 1023	Philosophy of Human Nature (HU)	
HUM 1024	Religions of the World 1: Western Religions (HU)	
HUM 1025	Religions of the World 2: Eastern Religions (HU)	
HUM 2233	Modern Middle East (HU) (Prerequisite: HUM 2051)	
HUM 3275	Contemporary Literature (HU) (Prerequisites: HUM 2051, HUM 2052)	
	<i>Social Sciences (choose one)</i> .....	3
CRM 1000	Introduction to Criminal Justice (SS) (Requirement: Basic computer skills.)	
CRM 2320	Drugs, Crime and Society (SS) (Prerequisite: CRM 1000)	
PSY 1411	Introduction to Psychology (SS)	
SOC 1101	Human Behavior Perspective (SS)	
SOC 2551	Social Problems (SS)	

**TOTAL ELECTIVE CREDITS 6**

**TOTAL CREDITS REQUIRED 61**

### Associate of Arts in Healthcare Management

<b>PROGRAM</b>	<b>CREDITS</b>
Total Credits Required .....	61

**CORE AND MAJOR EDUCATION CREDITS**

ASC 1006	Mastering eLearning (Requirement for all Florida Tech University Online students.).....	1
CIS 1140	Business Computer Skills (CL).....	3
COM 1101	Composition and Rhetoric (Requirement: Passing score on the placement test or COM 0110.).....	3
COM 1102	Writing About Literature (Prerequisite: COM 1101).....	3
COM 2224	Business and Professional Writing (COM) (Prerequisite: COM 1102).....	3
EAC 2211	Principles of Accounting 1.....	3
EDS 1021	General Physical Science.....	3
EDS 1022	General Biological Science.....	3
EEC 2303	Introduction to Macroeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3

EEC 2304	Introduction to Microeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
EHC 1103	Medical Ethics (HU).....	3
EHC 3302	Healthcare Organizations (Requirement: Second-year standing.).....	3
EHC 3303	Managed Care (Prerequisite: EHC 3302).....	3
ELA 2601	Law 1.....	3
EMG 3301	Principles of Management (Requirement: Successful completion of 30 credit hours and second-year standing.) (Prerequisite: COM 1102).....	3
EST 2703	Statistics (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
HUM 2051	Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102).....	3
HUM 2052	Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102).....	3
MTH 1701	College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111).....	3
PSY 1411	Introduction to Psychology (SS).....	3
	<i>Social Sciences (choose one)</i> .....	3
CRM 1000	Introduction to Criminal Justice (SS) (Requirement: Basic computer skills.)	
CRM 2320	Drugs, Crime and Society (SS) (Prerequisite: CRM 1000)	
SOC 1101	Human Behavior Perspective (SS)	
SOC 2551	Social Problems (SS)	

**TOTAL CREDITS REQUIRED 61**

### Associate of Arts in Liberal Arts

<b>PROGRAM</b>	<b>CREDITS</b>
Core and Major Education.....	37
Free Electives.....	27
Total Credits Required.....	64

**CORE AND MAJOR EDUCATION CREDITS**

ASC 1006	Mastering eLearning (Requirement for all Florida Tech University Online students.).....	1
COM 1101	Composition and Rhetoric (Requirement: Passing grade on the placement test or COM 0110.).....	3
COM 1102	Writing About Literature (Prerequisite: COM 1101).....	3
HUM 2051	Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102).....	3
HUM 2052	Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102).....	3
MTH 1000+	Select one 1000-level (or higher) math course.....	3
MTH 1701	College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111).....	3

	<i>Humanities (choose two)</i> .....6	EEC 2303	Introduction to Macroeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702)..... 3
HUM 1015	Mythology (HU)	EEC 2304	Introduction to Microeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702)..... 3
HUM 1020	Art Appreciation (HU)	EMG 3301	Principles of Management (Requirement: Successful completion of 30 credit hours and second-year standing.) (Prerequisite: COM 1102)..... 3
HUM 1021	Integrated Arts (HU)	EMK 3601	Principles of Marketing (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisites: COM 1102, EEC 2303)..... 3
HUM 1023	Philosophy of Human Nature (HU)	EMK 3320	Entrepreneurial Marketing..... 3
HUM 1024	Religions of the World 1: Western Religions (HU)	EMK 3607	Advertising Management (Prerequisite: EMK 3601)..... 3
HUM 1025	Religions of the World 2: Eastern Religions (HU)	EST 2703	Statistics (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702)..... 3
HUM 2233	Modern Middle East (HU) (Prerequisite: HUM 2051)	HUM 2051	Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102)..... 3
HUM 3275	Contemporary Literature (HU) (Prerequisites: HUM 2051, HUM 2052)	HUM 2052	Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102)..... 3
	<i>Physical/Life Sciences</i> .....6	MTH 1701	College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111)..... 3
EDS 1021	General Physical Science (Recommended)	PSY 1411	Introduction to Psychology (SS)..... 3
EDS 1022	General Biological Science (Recommended)	SOC 1101	Human Behavior Perspective (SS)..... 3
	<i>Social Sciences (choose two)</i> .....6		
EEC 2303	Introduction to Macroeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702)		
EEC 2304	Introduction to Microeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702)		
CRM 1000	Introduction to Criminal Justice (SS) (Requirement: Basic computer skills.)		
CRM 2320	Drugs, Crime and Society (SS) (Prerequisite: CRM 1000)		
PSY 1411	Introduction to Psychology (SS)		
SOC 1101	Human Behavior Perspective (SS)		
SOC 2551	Social Problems (SS)		
	<b>TOTAL CORE AND MAJOR EDUCATION CREDITS</b> 37		<b>TOTAL CREDITS REQUIRED</b> 61

**FREE ELECTIVES CREDITS**

Students should select electives based on common program prerequisites for the intended upper-division major..... 27

**TOTAL FREE ELECTIVE CREDITS** 27

**TOTAL CREDITS REQUIRED** 64

### Associate of Arts in Marketing

<b>PROGRAM</b>	<b>CREDITS</b>
Total Credits Required .....	61

**CORE AND MAJOR EDUCATION CREDITS**

ASC 1006	Mastering eLearning (Requirement for all Florida Tech University Online students.)..... 1
CIS 1140	Business Computer Skills (CL)..... 3
COM 1101	Composition and Rhetoric (Requirement: Passing grade on the placement test or COM 0110.)..... 3
COM 1102	Writing About Literature (Prerequisite: COM 1101)..... 3
COM 2224	Business and Professional Writing (COM) (Prerequisite: COM 1102)..... 3
EAC 2211	Principles of Accounting 1..... 3
EAC 2212	Principles of Accounting 2 (Prerequisite: EAC 2211)..... 3
EDS 1021	General Physical Science..... 3
EDS 1022	General Biological Science..... 3

### Associate of Science in Computer Information Systems

<b>PROGRAM</b>	<b>CREDITS</b>
Core and Major Education.....	49
Electives.....	12
Total Credits Required.....	61

**CORE AND MAJOR EDUCATION CREDITS**

ASC 1006	Mastering eLearning (Requirement for all Florida Tech University Online students.)..... 1
CIS 1140	Business Computer Skills (CL)..... 3
CIS 1501	Introduction to Visual Basic (Prerequisite: CIS 1140)..... 3
CIS 1502	Programming in Java
CIS 2501	Advanced Visual Basics (Prerequisite: CIS 1501)
CIS 2502	Programming in C++ (Prerequisite: CIS 1502)
CIS 2304	Survey of Software Systems (Prerequisite: CIS 1140)..... 3
CIS 3318	Electronic Commerce (Prerequisites: CIS 1501 or CIS 1502, EMK 3601)..... 3
CIS 3512	Systems Analysis and Design (Requirement: Third-year standing.) (Prerequisites: CIS 1140, CIS 1501 or CIS 1502)..... 3

COM 1101	Composition and Rhetoric (Requirement: Passing score on the placement test or COM 0110).....	3
COM 1102	Writing About Literature (Prerequisite: COM 1101).....	3
EDS 1021	General Physical Science.....	3
EDS 1022	General Biological Science.....	3
EEC 2303	Introduction to Macroeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
EMK 3601	Principles of Marketing (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisites: COM 1102, EEC 2303).....	3
HUM 2051	Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102).....	3
HUM 2052	Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102).....	3
MTH 1051	Introductory Discrete Mathematics (Prerequisite: MTH 1701).....	3
MTH 1701	College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111).....	3

**TOTAL CORE AND MAJOR EDUCATION CREDITS 49**

**ELECTIVES CREDITS**

	<i>Business Electives (choose two)</i> .....	6
EAC 2211	Principles of Accounting 1	
EAC 2212	Principles of Accounting 2 (Prerequisite: EAC 2211)	
EBA 3321	Essential Business Skills (Prerequisite: COM 1102)	
EEC 2304	Introduction to Microeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702)	
ELA 2601	Law 1	
	<i>Humanities (choose one)</i> .....	3
EHC 1103	Medical Ethics (HU)	
HUM 1020	Art Appreciation (HU)	
HUM 1021	Integrated Arts (HU)	
HUM 1023	Philosophy of Human Nature (HU)	
HUM 1024	Religions of the World 1: Western Religions (HU)	
HUM 1025	Religions of the World 2: Eastern Religions (HU)	
HUM 2226	Survey of World Literature 2 (Prerequisite: COM 1102)	
	<i>Social Sciences (choose one)</i> .....	3
PSY 1411	Introduction to Psychology (SS)	
SOC 1101	Human Behavior Perspective (SS)	
SOC 2551	Social Problems (SS)	

**TOTAL ELECTIVE CREDITS 12**

**TOTAL CREDITS REQUIRED 61**

## Bachelor of Arts in Accounting

PROGRAM	CREDITS
Core and Major Education.....	100
Restricted and Free Electives.....	21
Total Credits Required.....	121

**CORE AND MAJOR EDUCATION CREDITS**

ASC 1006	Mastering eLearning (Requirement for all Florida Tech University Online students.).....	1
CIS 1140	Business Computer Skills (CL).....	3
COM 1101	Composition and Rhetoric (Requirement: Passing grade on the placement test or COM 0110).....	3
COM 1102	Writing About Literature (Prerequisite: COM 1101).....	3
COM 2000+	Select one 2000-level (or higher) communication course.....	3
EAC 2211	Principles of Accounting 1.....	3
EAC 2212	Principles of Accounting 2 (Prerequisite: EAC 2211).....	3
EAC 3211	Intermediate Accounting 1 (Prerequisite: EAC 2212).....	3
EAC 3212	Intermediate Accounting 2 (Prerequisite: EAC 3211).....	3
EAC 3214	Accounting Information Systems (Requirement: Third-year standing.) (Prerequisite: EAC 2212).....	3
EAC 3331	Cost Accounting (Requirement: Third-year standing.) (Prerequisite: EAC 2212).....	3
EAC 4411	Auditing (Prerequisite: EAC 3212).....	3
EAC 4421	Individual Federal Income Taxes (Prerequisite: EAC 2212).....	3
EBA 3321	Essential Business Skills (Prerequisite: COM 1102).....	3
EBA 3334	Applied Decision Methods for Business (Prerequisite: EST 2703).....	3
EBA 4498	Strategic Management (Prerequisites: EAC 2212, EBA 3334, EMG 3225, EMG 3301, EMK 3601).....	3
EEC 2303	Introduction to Macroeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
EEC 2304	Introduction to Microeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
ELA 2601	Law 1.....	3
EMG 3225	Finance for Managers (Requirements: Ability to use computer spreadsheet and financial business calculator.) (Prerequisite: EAC 2212).....	3
EMG 3301	Principles of Management (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisite: COM 1102).....	3
EMG 4412	Organizational Behavior and Development (Prerequisite: EMG 3301).....	3

EMK 3601	Principles of Marketing (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisites: COM 1102, EEC 2303).....	3
EST 2703	Statistics (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
HUM 2051	Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102).....	3
HUM 2052	Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102).....	3
MTH 1000+	Select one 1000-level (or higher) math course.....	3
MTH 1701	College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111).....	3
	<i>Humanities (choose three)</i> .....	9
HUM 1015	Mythology (HU)	
HUM 1020	Art Appreciation (HU)	
HUM 1021	Integrated Arts (HU)	
HUM 1023	Philosophy of Human Nature (HU)	
HUM 1024	Religions of the World 1: Western Religions (HU)	
HUM 1025	Religions of the World 2: Eastern Religions (HU)	
HUM 2233	Modern Middle East (HU) (Prerequisite: HUM 2051)	
HUM 3275	Contemporary Literature (HU) (Prerequisites: HUM 2051, HUM 2052)	
	<i>Physical/Life Sciences</i> .....	6
EDS 1021	General Physical Science (Recommended)	
EDS 1022	General Biological Science (Recommended)	
	<i>Social Sciences (choose one)</i> .....	3
CRM 1000	Introduction to Criminal Justice (SS) (Requirement: Basic computer skills.)	
CRM 2320	Drugs, Crime and Society (SS) (Prerequisite: CRM 1000)	
PSY 1411	Introduction to Psychology (SS)	
SOC 1101	Human Behavior Perspective (SS)	
SOC 2551	Social Problems (SS)	

**TOTAL CORE AND MAJOR EDUCATIONS CREDITS 100**

<b>RESTRICTED AND FREE ELECTIVES</b>	<b>CREDITS</b>
<i>Restricted Electives – Accounting (choose two)</i> .....	6
EAC 4401 Advanced Accounting (Prerequisite: EAC 3212)	
EAC 4412 Advanced Auditing (Prerequisite: EAC 4411)	
EAC 4422 Corporate Federal Income Taxes (Requirement: Fourth-year standing.) (Prerequisite: EAC 4421)	
<i>Restricted Electives – Business (choose two)</i> .....	6
CIS 3318 Electronic Commerce (Prerequisites: CIS 1501 or CIS 1502, EMK 3601)	
EHR 3360 Compensation and Benefits (Prerequisite: EMG 3331)	
ELA 2602 Law 2 (Prerequisite: ELA 2601)	
ELA 2603 Administrative and Personnel Law	
ELA 3001 Legal Aspects in Healthcare Management (Prerequisite: ELA 2601)	

EMG 3325	Public Administration (Requirements: Third-year standing)	
EMG 3328	Business Ethics (Requirements: Third-year standing.) (Prerequisite: COM 1102)	
EMG 3331	Management of Human Resources (Prerequisite: EMG 3301)	
EMG 4410	Continuous Quality Management (Prerequisite: EMG 3301)	
	<i>Free Electives (choose three)</i> .....	9
<b>TOTAL RESTRICTED AND FREE ELECTIVE CREDITS</b>		<b>21</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>121</b>

## **Bachelor of Arts in Business Administration — Accounting**

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.

<b>PROGRAM</b>	<b>CREDITS</b>
Core and Major Education.....	103
Restricted and Free Electives.....	21
Total Credits Required.....	124

<b>CORE AND MAJOR EDUCATION</b>		<b>CREDITS</b>
ASC 1006	Mastering eLearning (Requirement for all Florida Tech University Online students.).....	1
CIS 1140	Business Computer Skills (CL).....	3
COM 1101	Composition and Rhetoric (Requirement: Passing grade on the placement test or COM 0110.).....	3
COM 1102	Writing About Literature (Prerequisite: COM 1101).....	3
COM 2000+	Select one 2000-level (or higher) communication course.....	3
EAC 2211	Principles of Accounting 1.....	3
EAC 2212	Principles of Accounting 2 (Prerequisite: EAC 2211).....	3
EAC 3211	Intermediate Accounting 1 (Prerequisite: EAC 2212).....	3
EAC 3212	Intermediate Accounting 2 (Prerequisite: EAC 3211).....	3
EAC 3214	Accounting Information Systems (Requirement: Third-year standing.) (Prerequisite: EAC 2212).....	3
EAC 3331	Cost Accounting (Requirement: Third-year standing.) (Prerequisite: EAC 2212).....	3
EAC 4411	Auditing (Prerequisite: EAC 3212).....	3
EAC 4421	Individual Federal Income Taxes (Prerequisite: EAC 2212).....	3
EBA 3321	Essential Business Skills (Prerequisite: COM 1102).....	3
EBA 3334	Applied Decision Methods for Business (Prerequisite: EST 2703).....	3

EBA 4498	Strategic Management (Prerequisites: EAC 2212, EBA 3334, EMG 3225, EMG 3301, EMK 3601).....	3
EEC 2303	Introduction to Macroeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
EEC 2304	Introduction to Microeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
ELA 2601	Law 1.....	3
EMG 3225	Finance for Managers (Requirements: Ability to use computer spreadsheets and financial business calculator.) (Prerequisite: EAC 2212).....	3
EMG 3301	Principles of Management (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisite: COM 1102).....	3
EMG 3327	Management Information Systems (Prerequisite: EMG 3301).....	3
EMG 4412	Organizational Behavior and Development (Prerequisite: EMG 3301).....	3
EMK 3601	Principles of Marketing (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisites: COM 1102, EEC 2303).....	3
EST 2703	Statistics (Prerequisite: MTH 1000 or MTH 100 or MTH 1701 or MTH 1702).....	3
HUM 2051	Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102).....	3
HUM 2052	Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102).....	3
MTH 1000+	Select one 1000-level (or higher) math course.....	3
MTH 1701	College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111).....	3
	<i>Humanities (choose three).....</i>	<i>9</i>
HUM 1015	Mythology (HU)	
HUM 1020	Art Appreciation (HU)	
HUM 1021	Integrated Arts (HU)	
HUM 1023	Philosophy of Human Nature (HU)	
HUM 1024	Religions of the World 1: Western Religions (HU)	
HUM 1025	Religions of the World 2: Eastern Religions (HU)	
HUM 2233	Modern Middle East (HU) (Prerequisite: HUM 2051)	
HUM 3275	Contemporary Literature (HU) (Prerequisites: HUM 2051, HUM 2052) <i>Physical/Life Sciences.....</i>	<i>6</i>
EDS 1021	General Physical Science (Recommended)	
EDS 1022	General Biological Science (Recommended) <i>Social Sciences (choose one).....</i>	<i>3</i>
CRM 1000	Introduction to Criminal Justice (SS) (Requirement: Basic computer skills.)	
CRM 2320	Drugs, Crime and Society (SS) (Prerequisite: CRM 1000)	

PSY 1411	Introduction to Psychology (SS)
SOC 1101	Human Behavior Perspective (SS)
SOC 2551	Social Problems (SS)

**TOTAL CORE AND MAJOR EDUCATION CREDITS 103**

**RESTRICTED AND FREE ELECTIVES CREDITS**

	<i>Restricted Electives – Business (choose four).....</i>	<i>12</i>
EHR 3360	Compensation and Benefits (Prerequisite: EMG 3331)	
ELA 2602	Law 2 (Prerequisite: ELA 2601)	
ELA 2603	Administrative and Personnel Law	
ELA 3001	Legal Aspects in Healthcare Management (Prerequisite: ELA 2601)	
EMG 3325	Public Administration	
EMG 3328	Business Ethics (Requirement: Third-year standing.) (Prerequisite: COM 1102)	
EMG 3331	Management of Human Resources (Prerequisite: EMG 3301)	
EMG 3340	International Management (Prerequisite: EMK 3601)	
EMK 3320	Entrepreneurial Marketing (Prerequisite: EMK 3601)	
EMK 3607	Advertising Management (Prerequisite: EMK 3601)	
EMK 4063	International Marketing (Prerequisite: EMK 3601)	
	<i>Free Electives (choose three).....</i>	<i>9</i>

**TOTAL RESTRICTED AND FREE ELECTIVE CREDITS 21**

**TOTAL CREDITS REQUIRED 124**

***Bachelor of Arts in Business Administration —  
Computer Information Systems***

<b>PROGRAM</b>	<b>CREDITS</b>
Core and Major Education.....	100
Restricted and Free Electives.....	24
Total Credits Required.....	124

**CORE AND MAJOR EDUCATION CREDITS**

ASC 1006	Mastering eLearning (Requirement for all Florida Tech University Online students.).....	1
CIS 1140	Business Computer Skills (CL).....	3
	<i>Choose CIS 1501 and CIS 2501, or CIS 1502 and 2502.....</i>	<i>6</i>
CIS 1501	Introduction to Visual Basic (Prerequisite: CIS 1140)	
CIS 1502	Programming in Java	
CIS 2501	Advanced Visual Basic (Prerequisite: CIS 1501)	
CIS 2502	Programming in C++ (Prerequisite: CIS 1502)	
COM 1101	Composition and Rhetoric (Requirement: Passing grade on the placement test or COM 0110.).....	3
COM 1102	Writing About Literature (Prerequisite: COM 1101).....	3



COM 2000+	Select one 2000-level (or higher) communication course.....	3	HUM 1023	Philosophy of Human Nature (HU)	
EAC 2211	Principles of Accounting 1.....	3	HUM 1024	Religions of the World 1: Western Religions (HU)	
EAC 2212	Principles of Accounting 2 (Prerequisite: EAC 2211).....	3	HUM 1025	Religions of the World 2: Eastern Religions (HU)	
EBA 3321	Essential Business Skills (Prerequisite: COM 1102).....	3	HUM 2233	Modern Middle East (HU) (Prerequisite: HUM 2051)	
EBA 3334	Applied Decision Methods for Business (Prerequisite: EST 2703).....	3	HUM 3275	Contemporary Literature (HU) (Prerequisites: HUM 2051, HUM 2052)	
EBA 4498	Strategic Management (Prerequisites: EAC 2212, EBA 3334, EMG 3225, EMG 3301, EMK 3601).....	3		<i>Physical/Life Sciences</i> .....	6
EEC 2303	Introduction to Macroeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3	EDS 1021	General Physical Science (Recommended)	
EEC 2304	Introduction to Microeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3	EDS 1022	General Biological Science (Recommended)	
ELA 2601	Law 1.....	3		<i>Social Sciences (choose one)</i> .....	3
EMG 3225	Finance for Managers (Requirements: Ability to use computer spreadsheet and financial business calculator.) (Prerequisite: EAC 2212).....	3	CRM 1000	Introduction to Criminal Justice (SS) (Requirement: Basic computer skills.)	
EMG 3301	Principles of Management (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisite: COM 1102).....	3	CRM 2320	Drugs, Crime and Society (SS) (Prerequisite: CRM 1000)	
EMG 3327	Management Information Systems (Prerequisite: EMG 3301).....	3	PSY 1411	Introduction to Psychology (SS)	
EMG 3328	Business Ethics (Requirement: Third-year standing.) (Prerequisite: COM 1102).....	3	SOC 1101	Human Behavior Perspective (SS)	
EMG 3331	Management of Human Resources (Prerequisite: EMG 3301).....	3	SOC 2551	Social Problems (SS)	
EMG 3340	International Management (Prerequisite: EMK 3601).....	3		<b>TOTAL CORE AND MAJOR EDUCATION CREDITS</b>	<b>100</b>
EMG 4412	Organizational Behavior and Development (Prerequisite: EMG 3301).....	3		<b>RESTRICTED AND FREE ELECTIVES</b>	<b>CREDITS</b>
EMK 3601	Principles of Marketing (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisites: COM 1102, EEC 2303).....	3	ELA 2602	<i>Restricted Electives – Business (choose three)</i> .....	9
EST 2703	Statistics (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3	ELA 2603	Administrative and Personnel Law	
HUM 2051	Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102).....	3	EMG 3325	Public Administration (Requirement: Third-year standing.)	
HUM 2052	Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102).....	3	EMG 3398	Organization Theory (Prerequisite: EMG 3301)	
MTH 1051	Introductory Discrete Mathematics (Prerequisite: MTH 1701).....	3	EMG 4410	Continuous Quality Management (Prerequisite: EMG 3301)	
MTH 1701	College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111).....	3	EMK 3320	Entrepreneurial Marketing (Prerequisite: EMK 3601)	
	<i>Humanities (choose three)</i> .....	9		<i>Restricted Electives – Computer Information Systems (choose two)</i> .....	6
HUM 1015	Mythology (HU)		CIS 2304	Survey of Software Systems (Prerequisite: CIS 1140)	
HUM 1020	Art Appreciation (HU)		CIS 3315	Decision Support Systems (Prerequisites: EMG 3327, EST 2703)	
HUM 1021	Integrated Arts (HU)		CIS 3318	Electronic Commerce (Prerequisites: CIS 1501 or CIS 1502, EMK 3601)	
			CIS 3512	Systems Analysis and Design (Requirement: Third-year standing.) (Prerequisites: CIS 1140, CIS 1501 or CIS 1502)	
			CIS 4026	Introduction to Internet Applications (Requirement: Successful completion of a programming language course.) (Prerequisite: CIS 3318)	
			CIS 4410	Database Concepts and Programming (Prerequisite: CIS 3512)	
			CIS 4415	Network Theory and Design (Requirement: Fourth-year standing.)	
				<i>Free Electives (choose three)</i> .....	9
				<b>TOTAL RESTRICTED AND FREE ELECTIVE CREDITS</b>	<b>24</b>
				<b>TOTAL CREDITS REQUIRED</b>	<b>124</b>

## Bachelor of Arts in Business Administration —Healthcare Management

PROGRAM	CREDITS
Core and Major Education.....	109
Restricted and Free Electives.....	15
Total Credits Required.....	124

### CORE AND MAJOR EDUCATION CREDITS

ASC 1006	Mastering eLearning (Requirement for all Florida Tech University Online students.).....	1
CIS 1140	Business Computer Skills (CL).....	3
COM 1101	Composition and Rhetoric (Requirement: Passing grade on the placement test or COM 0110.).....	3
COM 1102	Writing About Literature (Prerequisite: COM 1101).....	3
COM 2000+	Select one 2000-level (or higher) communication course.....	3
EAC 2211	Principles of Accounting 1.....	3
EAC 2212	Principles of Accounting 2 (Prerequisite: EAC 2211).....	3
EBA 3321	Essential Business Skills (Prerequisite: COM 1102).....	3
EBA 3334	Applied Decision Methods for Business (Prerequisite: EST 2703).....	3
EBA 4498	Strategic Management (Prerequisites: EAC 2212, EBA 3334, EMG 3225, EMG 3301, EMK 3601).....	3
EEC 2303	Introduction to Macroeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
EEC 2304	Introduction to Microeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
EHC 1103	Medical Ethics (HU).....	3
EHC 3302	Healthcare Organizations (Requirement: Second-year standing.).....	3
EHC 3303	Managed Care (Prerequisite: EHC 3302).....	3
EHC 4402	Community Health Evaluation (Requirement: Fourth-year standing.).....	3
EHC 4410	Quality Improvement Methods in Healthcare (Requirement: Fourth-year standing.) (Prerequisite: EHC 3302).....	3
EHC 4498	Health Planning and Policy Management (Prerequisite: EHC 4402).....	3
ELA 2601	Law 1.....	3
EMG 3225	Finance for Managers (Requirements: Ability to use computer spreadsheets and financial business calculator.) (Prerequisite: EAC 2212).....	3
EMG 3301	Principles of Management (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisite: COM 1102).....	3

EMG 3327	Management Information Systems (Prerequisite: EMG 3301).....	3
EMG 3331	Management of Human Resources (Prerequisite: EMG 3301).....	3
EMG 4410	Continuous Quality Management (Prerequisite: EMG 3301).....	3
EMG 4412	Organizational Behavior and Development (Prerequisite: EMG 3301).....	3
EMK 3601	Principles of Marketing (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisites: COM 1102, EEC 2303).....	3
EST 2703	Statistics (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
HUM 2051	Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102).....	3
HUM 2052	Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102).....	3
MTH 1000+	Select one 1000-level (or higher) math course.....	3
MTH 1701	College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111).....	3
	<i>Humanities (choose three).....</i>	<i>9</i>
HUM 1015	Mythology (HU)	
HUM 1020	Art Appreciation (HU)	
HUM 1021	Integrated Arts (HU)	
HUM 1023	Philosophy of Human Nature (HU)	
HUM 1024	Religions of the World 1: Western Religions (HU)	
HUM 1025	Religions of the World 2: Eastern Religions (HU)	
HUM 2233	Modern Middle East (HU) (Prerequisite: HUM 2051)	
HUM 3275	Contemporary Literature (HU) (Prerequisites: HUM 2051, HUM 2052)	
	<i>Physical/Life Sciences.....</i>	<i>6</i>
EDS 1021	General Physical Science (Recommended)	
EDS 1022	General Biological Science (Recommended)	
	<i>Social Sciences (choose one).....</i>	<i>3</i>
CRM 1000	Introduction to Criminal Justice (SS) (Requirement: Basic computer skills.)	
CRM 2320	Drugs, Crime and Society (SS) (Prerequisite: CRM 1000)	
PSY 1411	Introduction to Psychology (SS)	
SOC 1101	Human Behavior Perspective (SS)	
SOC 2551	Social Problems (SS)	

### TOTAL CORE AND MAJOR EDUCATION CREDITS 109

### RESTRICTED AND FREE ELECTIVES CREDITS

	<i>Restricted Electives – Business (choose one).....</i>	<i>3</i>
CIS 3318	Electronic Commerce (Prerequisites: CIS 1501 or CIS 1502, EMK 3601)	
ELA 2602	Law 2 (Prerequisite: ELA 2601)	
ELA 3001	Legal Aspects in Healthcare Management (Prerequisite: ELA 2601)	
EMG 3325	Public Administration (Requirement: Third-year standing)	

EMG 3328	Business Ethics (Requirement: Third-year standing.) (Prerequisite: COM 1102)	
EMG 4410	Continuous Quality Management (Prerequisite: EMG 3301)	
	<i>Free Electives (choose four)</i> .....	12
<b>TOTAL RESTRICTED AND FREE ELECTIVE CREDITS</b>		<b>15</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>124</b>

## Bachelor of Arts in Business Administration — Management

PROGRAM	CREDITS
Core and Major Education.....	100
Restricted and Free Electives.....	21
Total Credits Required.....	121

CORE AND MAJOR EDUCATION	CREDITS
ASC 1006 Mastering eLearning (Requirement for all Florida Tech University Online students.).....	1
COM 1101 Composition and Rhetoric (Requirement: Passing grade on the placement test or COM 0110.).....	3
COM 1102 Writing About Literature (Prerequisite: COM 1101).....	3
COM 2000+ Select one 2000-level (or higher) communication course.....	3
CIS 1140 Business Computer Skills (CL).....	3
EAC 2211 Principles of Accounting 1.....	3
EAC 2212 Principles of Accounting 2 (Prerequisite: EAC 2211).....	3
EBA 3321 Essential Business Skills (Prerequisite: COM 1102).....	3
EBA 3334 Applied Decision Methods for Business (Prerequisite: EST 2703).....	3
EBA 4498 Strategic Management (Prerequisites: EAC 2212, EBA 3334, EMG 3225, EMG 3301, EMK 3601).....	3
EEC 2303 Introduction to Macroeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
EEC 2304 Introduction to Microeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
ELA 2601 Law 1.....	3
EMG 3225 Finance for Managers (Requirements: Ability to use computer spreadsheets and financial business calculator.) (Prerequisite: EAC 2212).....	3
EMG 3301 Principles of Management (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisite: COM 1102).....	3
EMG 3327 Management Information Systems (Prerequisite: EMG 3301).....	3

EMG 3328	Business Ethics (Requirement: Third-year standing.) (Prerequisite: COM 1102).....	3
EMG 3331	Management of Human Resources (Prerequisite: EMG 3301).....	3
EMG 3340	International Management (Prerequisite: EMK 3601).....	3
EMG 3398	Organization Theory (Prerequisite: EMG 3301).....	3
EMG 4410	Continuous Quality Management (Prerequisite: EMG 3301).....	3
EMG 4412	Organizational Behavior and Development (Prerequisite: EMG 3301).....	3
EMK 3601	Principles of Marketing (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisites: COM 1102, EEC 2303).....	3
EST 2703	Statistics (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
HUM 2051	Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102).....	3
HUM 2052	Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102).....	3
MTH 1000+	Select one 1000-level (or higher) math course.....	3
MTH 1701	College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111).....	3
	<i>Humanities (choose three)</i> .....	9
HUM 1015	Mythology (HU)	
HUM 1020	Art Appreciation (HU)	
HUM 1021	Integrated Arts (HU)	
HUM 1023	Philosophy of Human Nature (HU)	
HUM 1024	Religions of the World 1: Western Religions (HU)	
HUM 1025	Religions of the World 2: Eastern Religions (HU)	
HUM 2233	Modern Middle East (HU) (Prerequisite: HUM 2051)	
HUM 3275	Contemporary Literature (HU) (Prerequisites: HUM 2051, HUM 2052)	
	<i>Physical/Life Sciences</i> .....	6
EDS 1021	General Physical Science (Recommended)	
EDS 1022	General Biological Science (Recommended)	
	<i>Social Sciences (choose one)</i> .....	3
CRM 1000	Introduction to Criminal Justice (SS) (Requirement: Basic computer skills.)	
CRM 2320	Drugs, Crime and Society (SS) (Prerequisite: CRM 1000)	
PSY 1411	Introduction to Psychology (SS)	
SOC 1101	Human Behavior Perspective (SS)	
SOC 2551	Social Problems (SS)	

**TOTAL CORE AND MAJOR EDUCATION CREDITS 100**

RESTRICTED AND FREE ELECTIVES		CREDITS
	<i>Restricted Electives – Business (choose three)</i> .....	9
CIS 3318	Electronic Commerce (Prerequisites: CIS 1501 or CIS 1502, EMK 3601)	
EAC 3211	Intermediate Accounting 1 (Prerequisite: EAC 2212)	
EAC 3212	Intermediate Accounting 2 (Prerequisite: EAC 3211)	
EHR 3360	Compensation and Benefits (Prerequisite: EMG 3331)	
ELA 2602	Law 2 (Prerequisite: ELA 2601)	
ELA 2603	Administrative and Personnel Law	
ELA 3001	Legal Aspects in Healthcare Management (Prerequisite: ELA 2601)	
EMG 3325	Public Administration (Requirement: Third-year standing.)	
	<i>Free Electives (choose four)</i> .....	12
<b>TOTAL RESTRICTED AND FREE ELECTIVE CREDITS</b>		<b>21</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>121</b>

## Bachelor of Arts in Business Administration — Marketing

PROGRAM	CREDITS
Core and Major Education.....	94
Restricted and Free Electives.....	30
Total Credits Required.....	124

CORE AND MAJOR EDUCATION		CREDITS
ASC 1006	Mastering eLearning (Requirement of all Florida Tech University Online students.).....	1
CIS 1140	Business Computer Skills (CL).....	3
COM 1101	Composition and Rhetoric (Requirement: Passing grade on the placement test or COM 0110.).....	3
COM 1102	Writing About Literature (Prerequisite: COM 1101).....	3
COM 2000+	Select one 2000-level (or higher) communication course.....	3
EAC 2211	Principles of Accounting 1.....	3
EAC 2212	Principles of Accounting 2 (Prerequisite: EAC 2211).....	3
EBA 3321	Essential Business Skills (Prerequisite: COM 1102).....	3
EBA 3334	Applied Decision Methods for Business (Prerequisite: EST 2703).....	3
EBA 4498	Strategic Management (Prerequisites: EAC 2212, EBA 3334, EMG 3225, EMG 3301, EMK 3601).....	3
EEC 2303	Introduction to Macroeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
EEC 2304	Introduction to Microeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3

ELA 2601	Law 1.....	3
EMG 3225	Finance for Managers (Requirements: Ability to use computer spreadsheets and financial business calculator.) (Prerequisite: EAC 2212).....	3
EMG 3301	Principles of Management (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisite: COM 1102).....	3
EMG 3327	Management Information Systems (Prerequisite: EMG 3301).....	3
EMG 3331	Management of Human Resources (Prerequisite: EMG 3301).....	3
EMG 3340	International Management (Prerequisite: EMK 3601).....	3
EMG 3398	Organization Theory (Prerequisite: EMG 3301).....	3
EMG 4412	Organizational Behavior and Development (Prerequisite: EMG 3301).....	3
EMK 3601	Principles of Marketing (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisites: COM 1102, EEC 2303).....	3
EST 2703	Statistics (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
HUM 2051	Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102).....	3
HUM 2052	Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102).....	3
MTH 1000+	Select one 1000-level (or higher) math course.....	3
MTH 1701	College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111).....	3
	<i>Humanities (choose three)</i> .....	9
HUM 1015	Mythology (HU)	
HUM 1020	Art Appreciation (HU)	
HUM 1021	Integrated Arts (HU)	
HUM 1023	Philosophy of Human Nature (HU)	
HUM 1024	Religions of the World 1: Western Religions (HU)	
HUM 1025	Religions of the World 2: Eastern Religions (HU)	
HUM 2233	Modern Middle East (HU) (Prerequisite: HUM 2051)	
HUM 3275	Contemporary Literature (HU) (Prerequisites: HUM 2051, HUM 2052)	
	<i>Physical/Life Sciences</i> .....	6
EDS 1021	General Physical Science (Recommended)	
EDS 1022	General Biological Science (Recommended)	
	<i>Social Sciences (choose one)</i> .....	3
CRM 1000	Introduction to Criminal Justice (SS) (Requirement: Basic computer skills.)	
CRM 2320	Drugs, Crime and Society (SS) (Prerequisite: CRM 1000)	
PSY 1411	Introduction to Psychology (SS)	
SOC 1101	Human Behavior Perspective (SS)	
SOC 2551	Social Problems (SS)	

**TOTAL CORE AND MAJOR EDUCATION CREDITS 94**

<b>RESTRICTED AND FREE ELECTIVES</b>		<b>CREDITS</b>
	<i>Restricted Electives – Marketing (choose three)</i> .....	9
EMK 3320	Entrepreneurial Marketing (Prerequisite: EMK 3601)	
EMK 3607	Advertising Management (Prerequisite: EMK 3601)	
EMK 4063	International Marketing (Prerequisite: EMK 3601)	
	<i>Restricted Electives – Business (choose three)</i> .....	9
CIS 3318	Electronic Commerce (Prerequisites: CIS 1501 or CIS 1502, EMK 3601)	
EAC 3211	Intermediate Accounting 1 (Prerequisite: EAC 2212)	
EAC 3212	Intermediate Accounting 2 (Prerequisite: EAC 3211)	
EHR 3360	Compensation and Benefits (Prerequisite: EMG 3331)	
ELA 2602	Law 2 (Prerequisite: ELA 2601)	
ELA 2603	Administrative and Personnel Law	
EMG 3325	Public Administration (Requirement: Third-year standing.)	
EMG 3328	Business Ethics (Requirement: Third-year standing.) (Prerequisite: COM 1102)	
EMG 4410	Continuous Quality Management (Prerequisite: EMG 3301)	
	<i>Free Electives (choose four)</i> .....	12
<b>TOTAL RESTRICTED AND FREE ELECTIVE CREDITS</b>		<b>30</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>124</b>

## **Bachelor of Arts in Criminal Justice**

<b>PROGRAM</b>		<b>CREDITS</b>
Core and Major Education.....		94
Restricted and Free Electives.....		27
Total Credits Required.....		121
<b>CORE AND MAJOR EDUCATION</b>		<b>CREDITS</b>
ASC 1006	Mastering eLearning (Requirement for all Florida Tech University Online students.).....	1
CIS 1140	Basic Computer Skills (CL).....	3
COM 1101	Composition and Rhetoric (Requirement: Passing grade on the placement test or COM 0110.).....	3
COM 1102	Writing About Literature (Prerequisite: COM 1101).....	3
COM 2000+	Select one 2000-level (or higher) communication course.....	3
CRM 1000	Introduction to Criminal Justice (Requirement: Basic computer skills.).....	3
CRM 1246	Introduction to Law and the Legal System (Prerequisite: CRM 1000; may be taken with CRM 1000).....	3
CRM 2001	Research Methods in Criminal Justice (Prerequisites: EST 2703, PSY 1411).....	3

CRM 2102	Theories of Crime and Criminal Behavior (Prerequisite: CRM 2001).....	3
CRM 2203	Delinquency and Prevention (Prerequisite: CRM 2102).....	3
CRM 2244	Substantive Criminal Law (Prerequisite: CRM 1246).....	3
CRM 2320	Drugs, Crime and Society (SS) (Prerequisite: CRM 1000).....	3
CRM 3104	Law Enforcement Systems (Prerequisite: CRM 2001).....	3
CRM 3246	Law of Criminal Procedure (Prerequisite: CRM 2244).....	3
CRM 3406	Criminal Investigations (Prerequisites: CRM 3104, EDS 3305, PSF 2551; Corequisite: CRM 3246).....	3
CRM 3507	Community Policing (Prerequisite: CRM 3104).....	3
CRM 3521	Correctional Systems (Prerequisite: CRM 2102).....	3
CRM 4108	Police Organizations and Administration (Prerequisite: CRM 3507).....	3
CRM 4309	Criminal Justice Leadership and Ethics (Prerequisite: CRM 4108).....	3
CRM 4406	Homeland Security and Terrorism (Requirement: Successful completion of 90 credit hours.) (Prerequisite: CRM 3406).....	3
CRM 4900	Senior Seminar and Capstone (Requirement: Successful completion of at least 108 credit hours.).....	3
CRM 4901	Criminal Justice Final Program Examination (Requirement: Fourth-year standing.) (Prerequisite: CRM 4900).....	0
EST 2703	Statistics (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
HUM 2051	Civilization 1: Ancient through Medieval (Prerequisite: COM 1102).....	3
HUM 2052	Civilization 2: Renaissance through Modern (Prerequisite: COM 1102).....	3
MTH 1701	College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111).....	3
PSF 2551	Survey of Forensic Psychology (SS) (Prerequisites: PSY 1411, SOC 1551 or SOC 1552).....	3
PSF 4106	Crisis and Conflict Resolution (Prerequisite: CRM 3406).....	3
PSY 1411	Introduction to Psychology (SS).....	3
PSY 3441	Social Psychology (SS) (Prerequisite: PSY 1411).....	3
	<i>Physical/Life Sciences</i> .....	6
EDS 1021	General Physical Science (Recommended)	
EDS 1022	General Biological Science (Recommended)	

	<i>Social Sciences (choose one)</i> .....	3
CRM 1000	Introduction to Criminal Justice (SS) (Requirement: Basic computer skills.)	
CRM 2320	Drugs, Crime and Society (SS) (Prerequisite: CRM 1000)	
PSY 1411	Introduction to Psychology (SS)	
SOC 1101	Human Behavior Perspective (SS)	
SOC 2551	Social Problems (SS)	

**TOTAL CORE AND MAJOR EDUCATION CREDITS 94**

**RESTRICTED AND FREE ELECTIVES CREDITS**

	<i>Restricted Electives (choose four)</i> .....	12
CRM 3407	White Collar Crime (Prerequisite: CRM 3406)	
CRM 3511	Introduction to Crime Analysis (Prerequisites: CRM 2001, PSF 2551)	
CRM 3522	Community Corrections (Prerequisite: CRM 3521)	
CRM 3999	Directed Study in Criminal Justice (Requirement: Instructor approval.) (Prerequisite: CRM 2001)	
CRM 4107	Victimology (Prerequisite: CRM 3406, PSF 2551)	
CRM 4511	Grant Writing and Program Development in Criminal Justice (Requirement: Fourth-year standing.) (Prerequisite: CRM 2102)	
CRM 4810	Serial Killers (Requirement: Fourth-year standing.) (Prerequisite: CRM 3406)	
CRM 4820	Violent Crime (Requirement: Fourth-year standing.) (Prerequisite: CRM 3406)	
CRM 4830	Organized Crime (Requirement: Fourth-year standing.) (Prerequisite: CRM 3406)	
EMG 3325	Public Administration (Requirement: Third-year standing.)	
PSF 4107	Courtroom Psychology (Prerequisite: CRM 3406, CRM 3246)	
PSY 3542	Survey of Industrial/Organizational Psychology (SS) (Prerequisites: CRM 2001, EST 2703)	
	<i>Restricted Elective – Humanities (choose one)</i> .....	3
HUM 1015	Mythology (HU)	
HUM 1020	Art Appreciation (HU)	
HUM 1021	Integrated Arts (HU)	
HUM 1023	Philosophy of Human Nature (HU)	
HUM 1024	Religions of the World 1: Western Religions (HU)	
HUM 1025	Religions of the World 2: Eastern Religions (HU)	
HUM 2233	Modern Middle East (HU) (Prerequisite: HUM 2051)	
HUM 3275	Contemporary Literature (HU) (Prerequisites: HUM 2051, HUM 2052)	
	<i>Free Electives (choose four)</i> .....	12

**TOTAL RESTRICTED AND FREE ELECTIVE CREDITS 27**

**TOTAL CREDITS REQUIRED 121**

## **Bachelor of Science in Computer Information Systems**

<b>PROGRAM</b>	<b>CREDITS</b>
Core and Major Education.....	103
Restricted and Free Electives.....	21
Total Credits Required.....	124

**CORE AND MAJOR EDUCATION CREDITS**

ASC 1006	Mastering eLearning (Requirement for all Florida Tech University Online students.).....	1
CIS 1140	Business Computer Skills (CL).....	3
	<i>Choose CIS 1501 and CIS 2501, or CIS 1502 and 2502</i> .....	6
CIS 1501	Introduction to Visual Basic (Prerequisite: CIS 1140)	
CIS 1502	Programming in Java	
CIS 2501	Advanced Visual Basic (Prerequisite: CIS 1501)	
CIS 2502	Programming in C++ (Prerequisite: CIS 1502)	
CIS 2304	Survey of Software Systems (Prerequisite: CIS 1140).....	3
CIS 3315	Decision Support Systems (Prerequisites: EMG 3327, EST 2703).....	3
CIS 3318	Electronic Commerce (Prerequisites: CIS 1501 or CIS 1502, EMK 3601).....	3
CIS 3512	Systems Analysis and Design (Requirement: Third-year standing.) (Prerequisites: CIS 1140, CIS 1501 or CIS 1502).....	3
CIS 4026	Introduction to Internet Applications (Requirement: Successful completion of a programming language course) (Prerequisite: CIS 3318).....	3
CIS 4410	Database Concepts and Programming (Prerequisite: CIS 3512).....	3
CIS 4415	Network Theory and Design (Requirement: Fourth-year standing).....	3
CIS 4424	Information Technology and Project Management (Prerequisite: CIS 3512).....	3
CIS 4498	Information Resource Management (Requirement: Fourth-year standing.) (Prerequisites: CIS 3315, CIS 4410, CIS 4415, EMG 3301, EMK 3601)....	3
COM 1101	Composition and Rhetoric (Requirement: Passing grade on the placement test or COM 0110.).....	3
COM 1102	Writing About Literature (Prerequisite: COM 1101).....	3
COM 2000+	Select one 2000-level (or above) communication course.....	3
EAC 2211	Principles of Accounting 1.....	3
EAC 2212	Principles of Accounting 2 (Prerequisite: EAC 2211).....	3
EBA 3321	Essential Business Skills (Prerequisite: COM 1102).....	3

EEC 2303	Introduction to Macroeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
EEC 2304	Introduction to Microeconomics (SS) (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
ELA 2601	Law 1.....	3
EMG 3301	Principles of Management (Requirements: successful completion of 30 credit hours and second-year standing.) (Prerequisite: COM 1102).....	3
EMG 3327	Management Information Systems (Prerequisite: EMG 3301).....	3
EST 2703	Statistics (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702).....	3
HUM 2051	Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102).....	3
HUM 2052	Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102).....	3
MTH 1051	Introductory Discrete Mathematics (Prerequisite: MTH 1701).....	3
MTH 1701	College Algebra (Requirement: Passing score on placement exam or prerequisite course.) (Prerequisite: MTH 0111).....	3
	<i>Humanities (choose three)</i> .....	9
HUM 1015	Mythology (HU)	
HUM 1020	Art Appreciation (HU)	
HUM 1021	Integrated Arts (HU)	
HUM 1023	Philosophy of Human Nature (HU)	
HUM 1024	Religions of the World 1: Western Religions (HU)	
HUM 1025	Religions of the World 2: Eastern Religions (HU)	
HUM 2233	Modern Middle East (HU) (Prerequisite: HUM 2051)	
HUM 3275	Contemporary Literature (HU) (Prerequisites: HUM 2051, HUM 2052)	
	<i>Physical/Life Sciences</i> .....	6
EDS 1021	General Physical Science (Recommended)	
EDS 1022	General Biological Science (Recommended)	
	<i>Social Sciences (choose one)</i> .....	3
CRM 1000	Introduction to Criminal Justice (SS) (Requirement: Basic computer skills.)	
CRM 2320	Drugs, Crime and Society (SS) (Prerequisite: CRM 1000)	
PSY 1411	Introduction to Psychology (SS)	
SOC 1101	Human Behavior Perspective (SS)	
SOC 2551	Social Problems (SS)	
<b>TOTAL CORE AND MAJOR EDUCATION CREDITS</b>		<b>103</b>

<b>RESTRICTED AND FREE ELECTIVES</b>		<b>CREDITS</b>
	<i>Restricted Electives – Business (choose four)</i> .....	12
EBA 3334	Applied Decision Methods for Business (Prerequisite: EST 2703)	
EMG 3225	Finance for Managers (Requirements: Ability to use computer spreadsheets and financial business calculator.) (Prerequisite: EAC 2212)	
EMG 3328	Business Ethics (Requirement: Third-year standing.) (Prerequisite: COM 1102)	
EMG 3331	Management of Human Resources (Prerequisite: EMG 3301)	
EMG 3340	International Management (Prerequisite: EMK 3601)	
EMG 3398	Organization Theory (Prerequisite: EMG 3301)	
EMG 4412	Organizational Behavior and Development (Prerequisite: EMG 3301)	
EMK 3601	Principles of Marketing (Requirements: Successful completion of 30 credit hours and second-year standing.) (Prerequisites: COM 1102, EEC 2303)	
	<i>Free Electives (choose three)</i> .....	9
<b>TOTAL RESTRICTED AND FREE ELECTIVE CREDITS</b>		<b>21</b>
<b>TOTAL CREDITS REQUIRED</b>		<b>124</b>

# GRADUATE DEGREE PROGRAMS

## Master of Business Administration — Accounting and Finance

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, cost management and accounting policy.

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.

PROGRAM	CREDITS
Program Foundation .....	6
Core.....	15
Specialization.....	12
Capstone.....	3
Total Credits Required.....	36

### PROGRAM FOUNDATION

COURSE TITLE	CREDITS
BUS 5601 Essentials of Business Development 1.....	3
BUS 5602 Essentials of Business Development 2 (Prerequisite: BUS 5601) .....	3

**TOTAL PROGRAM FOUNDATION CREDITS 6**

### CORE

COURSE TITLE	CREDITS
BUS 5421 Managerial Economics.....	3
BUS 5431 Managerial Accounting .....	3
BUS 5440 Financial Management.....	3
BUS 5450 Organizational Behavior .....	3
BUS 5470 Marketing Management.....	3

**TOTAL CORE CREDITS 15**

### SPECIALIZATION

COURSE TITLE	CREDITS
BUS 5433 Advanced Problems and Current Topics (Requirement: Instructor approval.) .....	3
BUS 5446 Investment Management.....	3
BUS 5650 Strategic Cost Management (Prerequisite: BUS 5602) .....	3
BUS 5840 Financial Management Policy (Prerequisite: BUS 5602) .....	3

**TOTAL SPECIALIZATION CREDITS 12**

### CAPSTONE

COURSE TITLE	CREDITS
BUS 5480 Strategic Management .....	3

**TOTAL CAPSTONE CREDITS 3**

**TOTAL CREDITS REQUIRED 36**

## Master of Business Administration — Healthcare Management

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 information management.

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.

PROGRAM	CREDITS
Program Foundation .....	6
Core.....	15
Specialization.....	12
Capstone.....	3
Total Credits Required.....	36



## PROGRAM FOUNDATION

COURSE TITLE	CREDITS
BUS 5601 Essentials of Business Development 1.....	3
BUS 5602 Essentials of Business Development 2 (Prerequisite: BUS 5601).....	3
<b>TOTAL PROGRAM FOUNDATION CREDITS</b>	<b>6</b>

## CORE

COURSE TITLE	CREDITS
BUS 5421 Managerial Economics.....	3
BUS 5431 Managerial Accounting.....	3
BUS 5440 Financial Management.....	3
BUS 5450 Organizational Behavior.....	3
BUS 5470 Marketing Management.....	3
<b>TOTAL CORE CREDITS</b>	<b>15</b>

## SPECIALIZATION

COURSE TITLE	CREDITS
BUS 5651 Healthcare Policy (Prerequisite: BUS 5602).....	3
BUS 5653 Information Management in Healthcare (Prerequisite: BUS 5602).....	3
BUS 5654 Legal Aspects of Healthcare.....	3
BUS 5658 Healthcare Planning and Marketing.....	3
<b>TOTAL SPECIALIZATION CREDITS</b>	<b>12</b>

## CAPSTONE

COURSE TITLE	CREDITS
BUS 5480 Strategic Management.....	3
<b>TOTAL CAPSTONE CREDITS</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>36</b>

## Master of Business Administration — Information Technology Management

*The Master of Business Administration – Information Technology Management degree program will be available for enrollment beginning in Spring 2010.*

The Master of Business Administration with a specialization in information technology 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 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. In addition to the core business fundamentals, you'll gain specialized skills in strategic information technology and management. The program combines academic principles and practical, real-world applications to result in a solid business foundation.

PROGRAM	CREDITS
Program Foundation.....	6
Core.....	15
Specialization.....	12
Capstone.....	3
<b>Total Credits Required.....</b>	<b>36</b>

## PROGRAM FOUNDATION

COURSE TITLE	CREDITS
BUS 5601 Essentials of Business Development 1.....	3
BUS 5602 Essentials of Business Development 2 (Prerequisite: BUS 5601).....	3
<b>TOTAL PROGRAM FOUNDATION CREDITS</b>	<b>6</b>

## CORE

COURSE TITLE	CREDITS
BUS 5421 Managerial Economics.....	3
BUS 5431 Managerial Accounting.....	3
BUS 5440 Financial Management.....	3
BUS 5450 Organizational Behavior.....	3
BUS 5470 Marketing Management.....	3
<b>TOTAL CORE CREDITS</b>	<b>15</b>

## SPECIALIZATION

COURSE TITLE	CREDITS
BUS 5460 Management Information Systems.....	3
BUS 5610 Database Management Technology (Prerequisite: BUS 5460).....	3
BUS 5611 Global Information Technology Management.....	3
BUS 5618 Strategic Management of Technology and Innovation (Prerequisites: BUS 5460, BUS 5610).....	3
<b>TOTAL SPECIALIZATION CREDITS</b>	<b>12</b>

## CAPSTONE

COURSE TITLE	CREDITS
BUS 5480 Strategic Management.....	3
<b>TOTAL CAPSTONE CREDITS</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>36</b>

## Master of Business Administration — Management

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, entrepreneurship and operating management.

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.

PROGRAM	CREDITS
Program Foundation .....	6
Core.....	15
Specialization .....	12
Capstone.....	3
Total Credits Required.....	36

### PROGRAM FOUNDATION

COURSE TITLE	CREDITS
BUS 5601 Essentials of Business Development 1 .....	3
BUS 5602 Essentials of Business Development 2 (Prerequisite: BUS 5601) .....	3

**TOTAL PROGRAM FOUNDATION CREDITS 6**

### CORE

COURSE TITLE	CREDITS
BUS 5421 Managerial Economics .....	3
BUS 5431 Managerial Accounting .....	3
BUS 5440 Financial Management.....	3
BUS 5450 Organizational Behavior .....	3
BUS 5470 Marketing Management .....	3

**TOTAL CORE CREDITS 15**

### SPECIALIZATION

COURSE TITLE	CREDITS
BUS 5460 Management Information Systems.....	3
BUS 5461 Production and Operations Management .....	3
BUS 5486 International Business (Prerequisite: BUS 5440) .....	3
BUS 5488 Corporate Innovations and New Ventures.....	3

**TOTAL SPECIALIZATION CREDITS 12**

### CAPSTONE

COURSE TITLE	CREDITS
BUS 5480 Strategic Management .....	3

**TOTAL CAPSTONE CREDITS 3**

**TOTAL CREDITS REQUIRED 36**

## Master of Business Administration — Marketing

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, multinational business policy and market research.

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.

PROGRAM	CREDITS
Program Foundation .....	6
Core.....	15
Specialization .....	12
Capstone.....	3
Total Credits Required.....	36

### PROGRAM FOUNDATION

COURSE TITLE	CREDITS
BUS 5601 Essentials of Business Development 1.....	3
BUS 5602 Essentials of Business Development 2 (Prerequisite: BUS 5601) .....	3

**TOTAL PROGRAM FOUNDATION CREDITS 6**

## CORE

COURSE TITLE	CREDITS
BUS 5421 Managerial Economics.....	3
BUS 5431 Managerial Accounting.....	3
BUS 5440 Financial Management.....	3
BUS 5450 Organizational Behavior.....	3
BUS 5470 Marketing Management.....	3
<b>TOTAL CORE CREDITS</b>	<b>15</b>

## SPECIALIZATION

COURSE TITLE	CREDITS
BUS 5476 Strategic Marketing (Prerequisite: BUS 5470).....	3
BUS 5486 International Business (Prerequisite: BUS 5440).....	3
BUS 5656 Consumer Behavior Strategies (Prerequisite: BUS 5602).....	3
BUS 5657 Advanced Market Research (Prerequisite: BUS 5602).....	3
<b>TOTAL SPECIALIZATION CREDITS</b>	<b>12</b>

## CAPSTONE

COURSE TITLE	CREDITS
BUS 5480 Strategic Management.....	3
<b>TOTAL CAPSTONE CREDITS</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>36</b>

### *Master of Business Administration — Project Management*

The Master of Business Administration with a specialization in information technology 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 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. In addition to the core business fundamentals, you'll gain specialized skills in scope, time, cost and quality management. The program combines academic principles and practical, real-world applications to result in a solid business foundation.

PROGRAM	CREDITS
Program Foundation.....	6
Core.....	15
Specialization.....	12
Capstone.....	3
<b>Total Credits Required.....</b>	<b>36</b>

## PROGRAM FOUNDATION

COURSE TITLE	CREDITS
BUS 5601 Essentials of Business Development 1.....	3
BUS 5602 Essentials of Business Development 2 (Prerequisite: BUS 5601).....	3
<b>TOTAL PROGRAM FOUNDATION CREDITS</b>	<b>6</b>

## CORE

COURSE TITLE	CREDITS
BUS 5421 Managerial Economics.....	3
BUS 5431 Managerial Accounting.....	3
BUS 5440 Financial Management.....	3
BUS 5450 Organizational Behavior.....	3
BUS 5470 Marketing Management.....	3
<b>TOTAL CORE CREDITS</b>	<b>15</b>

## SPECIALIZATION

COURSE TITLE	CREDITS
BUS 5661 Strategic Project Management.....	3
BUS 5662 Project Tools and Techniques (Prerequisite: BUS 5661).....	3
BUS 5668 Cases in Applied Project Management (Prerequisite: BUS 55662).....	3
BUS 5669 Mastering Project Management.....	3
<b>TOTAL SPECIALIZATION CREDITS</b>	<b>12</b>

## CAPSTONE

COURSE TITLE	CREDITS
BUS 5480 Strategic Management.....	3
<b>TOTAL CAPSTONE CREDITS</b>	<b>3</b>
<b>TOTAL CREDITS REQUIRED</b>	<b>36</b>

### *Master of Science in Information Technology*

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 are not required to take the GRE to be accepted into the program.

PROGRAM	CREDITS
Core and Major Education.....	24
Directed Electives.....	9
<b>Total Credits Required.....</b>	<b>33</b>

## CORE AND MAJOR EDUCATION

COURSE TITLE	CREDITS
MGT 5000 Financial Accounting.....	3
MGT 5002 Corporate Finance (Prerequisite: MGT 5000).....	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 Information Technology Management.....	3
MGT 5154 Advanced Management of Information Systems (Capstone course for this program) (Prerequisite: MGT 5014).....	3

**TOTAL CORE AND MAJOR EDUCATION CREDITS 24**

## DIRECTED ELECTIVES

COURSE TITLE	CREDITS
MGT 5150 Management of Software Systems (Requirement: Prerequisite course or equivalent) (Prerequisite: MGT 5014).....	3
MGT 5151 Database Systems Management (Requirement: Prerequisite course or equivalent) (Prerequisite: MGT 5014).....	3
MGT 5152 Computer Systems Administration (Requirement: Prerequisite course or equivalent) (Prerequisite: MGT 5014).....	3

**TOTAL DIRECTED ELECTIVES 9**

**TOTAL CREDITS REQUIRED 33**

## 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; and EDS 1031 or 1032, toward meeting the physical/life sciences requirement.*

### ACADEMIC SUPPORT CENTER

**ASC 1006 MASTERING ELEARNING** (1 credit). 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. Requirement for all Florida Tech University Online students.

### BUSINESS

**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.

**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. (Requirement: Instructor approval.)

**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 5450 ORGANIZATIONAL BEHAVIOR** (3 credits). Presents existing research, theories and models explaining how individual and group behavior and processes shape the internal dynamics of organizations. Provides the foundation to understand contemporary debates concerning alternative organizational designs and management practices.

**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.

**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.

**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, management and law. Requires students to integrate each component into a complete business plan. Prerequisites: BUS 5601.

**BUS 5610 DATABASE MANAGEMENT TECHNOLOGY** (3 credits). Introduces basic concepts of database management. Examines database systems from organization and management perspectives. Includes concepts, tools and techniques used to design, implement and use a database system. Also includes database architecture, conceptual and relational data models, structured query language (SQL), administration, concurrent processing, and data warehousing and mining. Prerequisites: BUS 5460.

**BUS 5611 GLOBAL INFORMATION TECHNOLOGY MANAGEMENT** (3 credits). Introduces the basic concepts of information technology and globalization. Identifies ethical, social and cultural considerations in the global marketplace. Includes the complexities of information security and privacy, and the importance of data management and retrieval systems. Also includes enterprise solutions, government policies and regulations, and emerging technologies.

**BUS 5618 STRATEGIC MANAGEMENT OF TECHNOLOGY AND INNOVATION** (3 credits). Introduces the basic concepts of information technology and innovation from a strategic management perspective. Covers strategic management of high technology companies, emerging technologies in a global marketplace, and aligning product development and system design. Identifies the creation of new products and services, and how new ventures are exploited. Prerequisites: BUS 5460, BUS 5610.

**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. (Requirement: Instructor approval.) 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 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 5654 LEGAL ASPECTS OF HEALTHCARE** (3 credits). Analyzes healthcare business entities and the regulations with which they must comply. Discusses individual right to access, and malpractice and its defense. Examines legal perspectives to starting a new healthcare business venture, and information necessary before entering into a joint healthcare venture.

**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 5658 HEALTHCARE PLANNING AND MARKETING**

(3 credits). Discusses and applies the concepts of healthcare planning and marketing to healthcare delivery, assessment of community needs and resource planning in both ambulatory and clinical settings. Includes health services planning and trends, demand for and use of health services, research methods and sources of marketing and planning data.

**BUS 5661 STRATEGIC PROJECT MANAGEMENT** (3 credits).

Covers the role of project management in a business or corporate environment. Teaches how to achieve project goals and objectives within set constraints such as time and budget.

**BUS 5662 PROJECT TOOLS AND TECHNIQUES** (3 credits).

Covers tools and techniques used to plan and control projects and accomplish business objectives. Emphasizes how to determine which tool or technique to use during different phases of the project life cycle. Uses project management software in exercises. Prerequisites: BUS 5661.

**BUS 5668 CASES IN APPLIED PROJECT MANAGEMENT**

(3 credits). Covers planning and managing a project from initiation and execution to close-out, using learned project management concepts. Provides hands-on experience in planning and managing through a student project. Gives insight through case studies and real-world analyses. Prerequisites: BUS 5662.

**BUS 5669 MASTERING PROJECT MANAGEMENT** (3 credits).

Covers the generally accepted project management practices in industry (such as construction, software, engineering and automotive). Emphasizes the process-based approach (inputs, tools and technology, and outputs). Includes the nine knowledge areas of project management.

**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 1130 PC APPLICATIONS** (3 credits). Introduces computer applications. Includes basic computer concepts and terminology through experience using the operating system, and word processing, spreadsheet and presentation management software. Credit may not be applied to any Florida Tech degree.

**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. Prerequisites: CIS 1140.

**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.) 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.) Prerequisites: CIS 3318.

**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.)

**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.) 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 0100 or 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.) (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.) 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.) 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.) 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.) 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.) 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.) 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.)

**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.) Corequisites: CRM 4900.

## ACCOUNTING

**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. (Requirement: Third-year standing.) 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. (Requirement: Third-year standing.) 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.) Prerequisites: EAC 4421.

**BUSINESS ADMINISTRATION**

**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. Prerequisites: EAC 2212, EBA 3334, EMG 3225, EMG 3301, EMK 3601.

**SCIENCE AND MATHEMATICS 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

### 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. (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. (SS) Prerequisites: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702.

## HEALTHCARE ADMINISTRATION

**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. (HU)

### 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.)

**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.)

### 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.) 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

### 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

**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.

**ELA 3001 LEGAL ASPECTS IN HEALTHCARE**

**MANAGEMENT** (3 credits). Covers the legal concepts that confront most healthcare professionals. Includes HIPPA, limitations, civil procedures, medical records, organizational structures (HMO, MMO, PPO and others), patients' rights, state and federal laws, living wills and healthcare powers of attorney and professional liability insurance. Prerequisites: ELA 2601.

**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.) 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.) 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.)

**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.) 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

### **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 credits hours and second-year standing.) 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.

## STATISTICS

**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. Prerequisites: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702.

## HUMANITIES

**HUM 1015 MYTHOLOGY** (3 credits). Introduces classical, Norse and medieval mythology through the study of themes and narratives that emphasize the importance of mythical elements to the modern world. (HU)

**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 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 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 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 1051 INTRODUCTORY DISCRETE MATHEMATICS** (3 credits). Elementary coverage of discrete mathematics. Includes logical arguments, mathematical induction in proofs, sets and relations (extension to functions and their properties), elementary counting principles (inclusion-exclusion), permutations and combinations. Credit can only be applied toward business, communication, humanities, management, psychology or computer information systems degrees at Florida Tech. Prerequisites: MTH 1701.

**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 can only be applied toward business, communication, humanities, management psychology or computer information systems degrees at Florida Tech. (Requirement: Passing score on placement exam or prerequisite course.) Prerequisites: MTH 0111.

**MTH 1703 FINITE MATHEMATICS** (3 credits). Studies topics in mathematics 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 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 2000 LIFESPAN DEVELOPMENT AND PSYCHOLOGY** (3 credits). Surveys the various psychological, biological and other interdisciplinary areas of human development. Also covers changes over the entire human life span. Prerequisites: PSY 1411.

**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: CRM 2001, EST 2702.

## **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 1102 GLOBAL PERSPECTIVE** (3 credits). Surveys various global issues arising since World War II. Combines history, political science and economics. Emphasizes the interaction of the superpowers during the Cold War, the post-colonial emergence of the Third World, the ascendancy of regional and international economic and political institutions and the reshaping of contemporary Europe.

**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)

# DIRECTORY

## ADMINISTRATION

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ANTHONY J. CATANESE, Ph.D., FAICP  
President

SUZEE LOUCHÉ  
Executive Assistant to the President and Ombudsman

### *Office of the Provost*

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Provost and Executive Vice President

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Associate Provost, Online Learning and Dean, Florida Tech Online

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Senior Vice Provost

RANDALL L. ALFORD, Ph.D.  
Associate Provost, Graduate and International Programs

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Director, Study Abroad Programs

ROSEMARY LAYNE, Ed.D.  
Director, Graduate Programs

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Assistant Provost, Accreditation

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Director, Institutional Research and Assessment

MUZAFFAR A. SHAIKH, Ph.D.  
Associate Provost, Academic Outreach

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Director, Professional Enrichment Programs

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Director, Florida Tech Consulting (Interim) and  
Intellectual Property Development

CYNTHIA SCHMITT, M.S.  
Director, Organizational Behavior Program

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Executive Assistant to the Provost

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WILLIAM K. JURGENS, M.A.  
Director, Athletics

PETE MAZZONE, M.S.  
Director, Clemente Center

CELINE LANG, D.P.A.  
Dean of Libraries

PETER PORCHE  
Director, Facility Security

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