



FLORIDA INSTITUTE OF TECHNOLOGY
MISSION STATEMENT

Florida Institute of Technology is an independent technological university that provides quality education

2008–2009

INSTITUTION OVERVIEW

FLORIDA TECH

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

History

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

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

From the beginning, Florida Tech has been committed to excel

UNIVERSITY ALLIANCE

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.

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

Vocational Rehabilitation

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

UNIVERSITY ALLIANCE

ACADEMIC CALENDAR

Summer 1

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

Spring 1 – 2009

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

Spring 2 – 2009

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Summer 2 – 2009

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

ADMISSION REQUIREMENTS

Undergraduate Students

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

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

Application Process

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

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

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

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

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

Transient Students

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

Graduate Students

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

Registration Prior to Admission

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

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

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

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

Transient Application

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

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

Probation and Dismissal

Undergraduate Students

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

UNDERGRADUATE DEGREE PROGRAMS

ASSOCIATE OF ARTS DEGREES

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

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

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

Humanities electives chosen from the following:

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

Social Science elective chosen from the following:

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

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Term 14

EMG 3331 [Management of Human Resources](#)3
[Humanities Elective](#)3

Term 15

EBA 3334 [Applied Decision Methods for Business](#)3
[Humanities Elective](#)3

Term 16

EHC 3303 [Managed Care](#).....3

Term 14

EMG 3331 [Management of Human Resources](#)

Term 14

EMG 3331 [Management of Human Resources](#)3

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

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

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

Term 1

ASC 1006	Mastering eLearning	1
COM 1101	Composition and Rhetoric	3
MTH 1701	College Algebra	3

Term 2

CIS 1140	Basic Computer Skills	3
MTH 1703	Finite Mathematics	3

Term 3

COM 1102	Writing about Literature	3
EEC 2303	Introduction to Macroeconomics	3

Term 4

EEC 2304	Introduction to Microeconomics	3
HUM 2051	Civilization 1	3

Term 5

ELA 2601	Law 1	3
	Social Science Elective	3

Term 6

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

Term 7

EDS 1021	General Physical Science	3
EMG 3301	Principles of Management	3

Term 8

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

Term 9

EBA 3321	Essential Business Skills	3
EST 2703	Statistics	3

Term 10

EDS 1022	General Biological Science	3
ELA 2602	Law 2	3

Term 11

EAC 3211	Intermediate Accounting 1	3
EAC 3331	Cost Accounting	3

Term 12

EAC 3214	Accounting Information Systems	3
	Free Elective	

Term 13

Term 14

PSY 3441 [Social Psychology](#)3
[Free Elective](#)3

Term 15

CRM 3521

BACHELOR OF SCIENCE DEGREE

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

Term 1

ASC 1006

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

Restricted Elective

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

RESTRICTED ELECTIVES—MARKETING

EMK 3320 [Entrepreneurial Marketing](#)

EMK 3607 [Advertising Management](#)

EMK 4063 [International Marketing](#)

RESTRICTED ELECTIVES—BUSINESS

CIS 3318 [Electronic Commerce](#)

EAC 3211 [Intermediate Accounting 1](#)

EAC 3212 [Intermediate Accounting 2](#)

EHR 3360 [Compensation and Benefits](#)

ELA 2602 [Law 2](#)

EMG 3325 [Public Administration](#)

EMG 4410 [Continuous Quality Management](#)

HUMANITIES ELECTIVES

HUM 1020

GRADUATE DEGREE PROGRAMS

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

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

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

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

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

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

Required Courses

BUS 5421	Managerial Economics	3
BUS 5431	Managerial Accounting	3
BUS 5440	Financial Management	

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

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

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

Required Courses

BUS

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

Admission Requirements

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

Required Courses (8 courses)

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

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](#).

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

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

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

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

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

BUS 5650 STRATEGIC COST MANAGEMENT

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-

CRIMINAL JUSTICE

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

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

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

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

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

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

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

BUSINESS ADMINISTRATION–EXTENDED STUDIES

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

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

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

SCIENCE EDUCATION

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

EDS 1022 GENERAL BIOLOGICAL SCIENCE (3 credits). Introduc

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

EHC 4498 HEALTH PLANNING AND POLICY MANAGEMENT (3 credits). Integrates health services planning, organization

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

HUM 2052 CIVILIZATION 2: RENAISSANCE THROUGH MODERN (3 credits). Similar in purpose and method to HUM

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

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

PSYCHOLOGY

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

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

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

SOCIOLOGY

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

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