

Syllabus for BTE 210 - Information Systems and Technology Spring Intersession 2018

UNIVERSITY OF MIAMI SCHOOL OF BUSINESS ADMINISTRATION SYLLABUS

BTE 210 – Information Systems and Technology

Semester: Spring Intersession 2018

Section: U80 & B80

Class Hours: 1/2/18 – 1/5/18 – Tu We Th Fr: 5:30pm to 10:00 pm.

1/8/18 – 1/12/18 – Mo Tu We Th Fr: 5.30pm – 10.00 pm

Classroom: Aresty 531

Instructor: Dr. Plant

Office Location: Jenkins 421

Office Hours: By appointment.

Best method to contact this instructor: Email

Telephone: 305.284.1963

E-mail: rplant@miami.edu

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Textbook: Introduction to Information Systems, 7th Edition, Wiley. 2017

Course Description: This course aims to develop innovative ideas and principled leaders that will transform global business and society. Taking advantage of a variety of experiential learning modalities, the course inculcates both a global perspective and an innovative/entrepreneurial mindset, leveraging advanced business students' already strong business fundamentals and critical thinking skills.

Prerequisite: None

Learning Objectives:

1. Understand the role of systems analysis in an organization.
2. Understand the basic building blocks and tools of systems analysis and design.
3. Understand the issues involved in developing software through a software life cycle model.
4. Understand and appreciate the technological state of the art.
5. Understand the technical and corporate issues concerning enterprise systems, databases, decision support, intelligent systems, maintenance, and reengineering.
6. Understand the ethical, policy and security issues that affect systems analysis and their architectures.
7. Understand the use of systems analysis tools in the development of system designs.

Syllabus for BTE 210 - Information Systems and Technology Spring Intersession 2018

Blackboard Website:

All students officially registered for the course can access the course's website. The course website may be found at: www.miami.edu/blackboard. Students should refer to this site on a regular basis for important announcements, project information, solutions to homework problems, course notes, and other ancillary materials.

IMPORTANT COURSE POLICIES SCHOOL OF BUSINESS ADMINISTRATION

The following are policies students should assume are in force in the School of Business Administration courses, unless their instructors explicitly establish alternate policies.

Laptops, Cell Phones, Smartphones, PDAs and Other Electronic Devices (such as recording equipment) may not be used during class except at the express discretion of the instructor.

Attendance

Each student is required to attend every class and attendance will be part of the grade. Faculty will excuse absences only in cases of documented serious illness, religious observance, civic obligation or participation in an activity approved by the Academic Deans Policy Council. Otherwise your attendance is expected. If you will miss class for religious observance or a civic obligation, you must inform your instructor at least one week in advance.

Any other absences such as absences for work related travel, or family emergency may be excused at the discretion of the faculty upon receiving supporting documentation. It is the student's responsibility to contact the instructor within one week after any unanticipated absence. Instructors and administrators shall endeavor not to schedule any examination or other graded class event on a major religious holy day.

Arriving Late, Leaving Early, Coming & Going

Classes start on time and students must arrive to class on time and stay to the end of the class period. Students may enter class late only if given permission by the instructor, and only if they can do so without disrupting the class. In addition,

- Students may not leave and re-enter the class once class has started except by permission from the instructor, and only if they can do so without disrupting the class.
- Arriving late or leaving class early will have impact on the course grade as determined by the instructor.

Please note that instructors are not obligated to admit late students or may choose to admit them only at specific times. Instructors are not obligated to readmit students who leave class.

Late Submission of Assignments

Syllabus for BTE 210 - Information Systems and Technology Spring Intersession 2018

Late assignments will either not be accepted or will incur a grade penalty unless they are due to documented serious illness or a family emergency. Instructors may make exceptions to this policy for reasons of religious observance or civic obligation, only when the assignment cannot reasonably be completed prior to the due date and the student makes arrangements for late submission with the instructor in advance.

General Behavior

Students will conduct themselves with respect and professionalism toward faculty, students, and others present in class and will follow the rules prescribed by the instructor for classroom behavior. Students who fail to do so may be asked to leave the classroom with a grade penalty.

Collaboration on Graded Assignments

Students may not work together on graded assignments unless the instructor gives express permission or unless explicitly indicated on the course syllabus.

**Endorsed by the Vice Deans and Department Chairs*

Disabilities Information

Accommodations for disabilities will only be given to students who have secured the proper documentation from UM's Office for Student Disabilities. Such documentation must be provided to the instructor within the first two weeks of the start of class. Students should contact the Office of Disabilities to secure appropriate accommodations.

Syllabus for BTE 210 - Information Systems and Technology Spring Intersession 2018

COURSE DESCRIPTION: The course develops an understanding of the role of information technology within an organization. It focuses on the basic building blocks of information technology architectures and examines the issues facing Business Executives and Chief Technology Officers in developing systems solutions. The course is also intended to help business students, who are or will be managers, entrepreneurs, and business professionals, learn how to use and manage information technologies to revitalize business processes, conduct electronic commerce, improve decision making, and gain competitive advantage. Topics include enterprise systems, database, decision support, intelligent systems, the Internet and e-business, as well as ethical policy issues that affect systems architectures and their use.

COURSE OBJECTIVES: The inclusion of this course as a requirement in the undergraduate curriculum in Business Administration is in full compliance with the requirement by our accreditation body, the Association to Advance Collegiate Schools of Business (AACSB), for inclusion of “learning experiences in such management specific knowledge and skill areas as: information technologies as they influence the structure and processes of organizations and economies, and as they influence the roles and techniques of management”. Upon completion of the course the student will:

8. Understand the role of information technology in an organization.
9. Understand the basic building blocks of information technology architectures.
10. Understand the issues involved in developing enterprise and inter-organizational information systems solutions.
11. Understand and appreciate the technological state of the art.
12. Understand the technical and corporate issues concerning enterprise systems, databases, decision support, intelligent systems, maintenance, and reengineering.
13. Understand the issues surrounding the Internet, e-Business and e-Commerce.
14. Understand the ethical, policy and security issues that affect systems architectures.
15. Understand the use of decision support tools such as spreadsheets and database management systems.

PREREQUISITES: School of Business Administration Upper Level Status – ask your advisor if in doubt.

APPROACH: A variety of course activities will be undertaken to achieve these objectives. These include assigned readings, lectures, class discussion, individual home work assignments, case studies, group presentations, and written examinations.

PARTICIPATION: Everyone has something to offer. Interaction during class is expected and will be reflected in the final grade.

PREPARATION: Participants are expected to have read all assignments in advanced and be prepared to be called upon to orally summarize and give opinions.

Syllabus for BTE 210 - Information Systems and Technology Spring Intersession 2018

Week One

January 2nd 2018

- Fundamentals of Business Technology

January 3rd 2018

- Information Systems

January 4th 2018

- Topics on Software

January 5th 2018

- Topics on Hardware

Week Two

January 8th 2018

- Network Infrastructure

January 9th 2018

- Wireless Networks and Mobile Computing
- eBusiness

January 10th 2018

- Web and Social Computing
- Databases and Big Data

January 11th 2018

- Business Intelligence
- Intelligent Systems

January 12th 2018

- Cloud Computing
- Information Security

EVALUATION:	1.	Four (4) tests of equal weight	80%
	2.	Class Attendance & Participation	20%