

## *Course Syllabus*

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**ITSS 3300 Information Technology for Business – Fall 2016 – 3300.011, 11:00 - 12:45pm, R 2.804**

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### **Contact Information**

**Instructor:** Naser Islam  
**Office:** JSOM 3.604 (3<sup>rd</sup> Floor School of Management Building, Richardson Texas)  
**Office Hours:** Tuesday & Thursday: 10:15am to 11:15 am or by appointment via email  
**E-Mail:** Please use eLearning for e-mailing the Instructor  
**Phone:** (972) 883-4833  
**TA:** Mr. Viral Shah, email: vxsl54630@utdallas.edu  
**Office Hours:** Tuesday 1:00PM to 3:00PM and Thursday 10:00am to 12:00 Noon

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**Course Pre-requisites:** None

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### **Course Description**

This course is designed to give the students an understanding of business processes and information systems in modern organizations. Specifically, the course has the following objectives:

1. To provide the students with a understanding of key business processes and business process diagram in organizations
  2. To provide the students with an understanding of how information systems support the execution and management of these processes
  3. To help the students learn how to structure and manipulate data that might typically be found in an information system using the database management system, MS Access, and spreadsheet software, MS Excel.
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### **Learning Outcomes**

1. Describe key business processes and create business process diagram such as procurement, fulfillment, and production processes and the data used and generated by these processes.
  2. Apply knowledge of information technologies to support operational and strategic business processes.
  3. Solve business problems using spreadsheet and database packages.
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### **Course Material:**

1. Magal, S. R and Word, J. *Essentials of Business Processes and Information Systems* 2009. Don't buy the WileyPLUS registration Access Code.
  2. Kroenke, D. *Using MIS* Pearson Prentice-Hall Custom Edition for the University of Texas at Dallas, ISBN: 1-256-75027-1
  3. Thouin, M.F., *MIS Case Book*, Pearson Learning Solutions, ISBN: 1-269-57618-6,  
[http://www.pearsoncustom.com/tx/utdallas\\_mis/](http://www.pearsoncustom.com/tx/utdallas_mis/)
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**Attendance: attendance is required - no excuse except proper medical documentation. There will be pop quizzes through the semester.**

**Assignments & Schedule (expect changes in the schedule - see eLearning for changes to Schedule)**

Week	Description
1 8/23 & 8/25	Introduction - Why computers matter to organizations  Introduction to Enterprise Resource Planning with SAP ERP
2 8/30 & 9/1	<u>Exercise: Information Systems Now and in the Future</u> Group Research Projects - Discuss Syllabus and Assign Groups  Information Systems for Competitive Advantage - Kroenke, Chapter 3
3 9/6 & 9/8	<b>- Tuesday, 9/6 – Working with Excel – Bring your laptop in class</b> Enterprise Systems - Magal and Word, Chapter 1 and Chapter 2
4 9/13 & 9/15	<b>- Tuesday, 9/13 – Working with Access – Bring your laptop in class</b> Enterprise Systems - Magal and Word, Chapter 2 and Chapter 3  <u>Exercise: Louisville Slugger Video – Part 1</u>
5 9/20 & 9/22	The Procurement Process - Magal and Word, Chapter 3 The Fulfillment Process - Magal and Word, Chapter 4 - <u>Assign: Business Process Modeling</u>
6 9/27 & 9/29	The Fulfillment Process - Magal and Word, Chapter 4 The Production Process - Magal and Word, Chapter 5  <u>Case – 1: Cost Benefit Analysis – Due Thursday 11:00 PM</u>
7 10/4 & 10/6	Integrated Processes - Magal and Word, Chapter 6 <u>Exercise: Louisville Slugger Video – Part 2</u>  Review for Exam 1  <u>Case – 2: Data Retrieval Using SQL – Due Thursday 11:00 PM</u>
8 10/11 & 10/13	<b>Discussion on Business Process Design and Freshman App</b> <u>Case – 3: Data Analysis with Pivot Table – Due Thursday 11:00 PM</u>  <b>MIDTERM EXAM – Thursday October 13, 11:30 to 12:45 PM</b> <b>(Chapters &amp; materials covered since the first day of class)</b>

9  10/18 & 10/20	Hardware and Software - Kroenke, Chapter 4 <u>Exercise: Systems Development Life Cycle (SDLC)</u>  <b>Discussion on Business Process Design and Freshman App Case – 4: Using Pivot Table – Due Thursday 11:00 PM</b>
10  10/25 & 10/27	Data Communication and the Internet - Kroenke, Chapter 6 <u>Assignment: Business Process Development – Due Thursday 11:00 PM</u>
11  11/1 & 11/3	Database Processing - Kroenke, Chapter 5 - Working with App Pack  <u>Exercise: Identity Security – Deter, Detect , and Defend</u>  <u>Group Case – 5: Business Process Design – Thursday 11:00 PM</u>
12  11/8 & 11/10	<b>Presenting Groups:</b> Tuesday: Group 1 thru 5 Thursday: Group 6 thru 10
13  11/15 & 11/17	Business Intelligence Systems - Kroenke, Chapter 9 - Working with App Pack
14	<b>No classes – Fall and Thanksgiving Break</b>
15  11/29 & 12/01	<b><u>The Freshmen App Pack - Research Presentation</u></b> <b>Presenting Groups:</b> Tuesday: Group 6 thru 10 Thursday: Group 1 thru 5  <u>Group Case – 6: The Freshman App Pack - Thursday 11:00 PM</u>
16  12/6 & 12/8	Business Intelligence Systems - Kroenke, Chapter 9 - Exam Review  <b>FINAL EXAM – Thursday December 8<sup>th</sup>, 11:30 to 12:45 PM (Chapters &amp; materials covered since Midterm Exam)</b>

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### Grading Policy

Assignment Bus. Process Modeling	10%
MIS Case	08%
Group PowerPoint Presentation	05%
Midterm Exam	25%
Final Exam	25%
Group Research (App Pack)	10%
Pop-Quiz Class Participation	10%
Class Attendance	<u>07%</u>

Total

100%

Final letter grade use the following scale:

A+ ≥ 96%	B+ ≥ 86%	C+ ≥ 76%	D+ ≥ 66%	F < 60%
A ≥ 93%	B ≥ 83%	C ≥ 73%	D ≥ 63%	
A- ≥ 90%	B- ≥ 80%	C- ≥ 70%	D- ≥ 60%	

**GRADING ENVIRONMENT:** This class assumes the student is working in a business environment. Considerable attention (and grading premium) will be given to **following directions** (both written and in class). All assignments will be graded based upon the appropriateness of its presentation as well as on its content.

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### Course & Instructor Policies

**eLearning:** Most communications for this class will be through eLearning. All questions (except those of a personal nature) should be posted on the eLearning Discussion Board.

**Changes:** This course will be very dynamic, so EXPECT changes. Changes in assignments or schedules will be posted on eLearning. It is the student's responsibility to keep up with the changes that are posted on eLearning.

**Assignments:** SAP, Excel and Access assignments will be of two types: SAP Simulator and Office 2013 assignments. Work performed on the SAP Simulator will be monitored by the WileyPlus system. Office 2013 assignments (Cases) will be submitted through eLearning unless otherwise instructed; submission of electronic copies by e-mail is *not* acceptable unless prior permission of instructor is obtained. All assignments should be completed on time. Access and Excel 2013 assignments (Cases) will be submitted via eLearning before the submission deadline as shown on the class schedule. Assignments submitted after the deadline will be considered late. A penalty of **20% of the assignment value per day** (including weekends) is assessed on late assignments beginning on the day due.

**Attendance:** Your class attendance and participation is highly recommended for this course. There is no make-up for missed in-class assignments. **Much of the content of course will be covered in class.**

**WORKING TOGETHER on Individual Assignments:** This course will have a considerable amount of computing work for application assignments. It is acceptable to work together in how to use computers and applications. Each student, however, is expected to do their own work on the "individual" assignments. **Copying another student's work (computer files) or having another person do your work is scholastic dishonesty (see below) and will be dealt with accordingly.**

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## Field Trip Policies

### Off-campus Instruction and Course Activities

*Off-campus, out-of-state, and foreign instruction and activities are subject to state law and University policies and procedures regarding travel and risk-related activities. Information regarding these rules and regulations may be found at the website address [http://www.utdallas.edu/BusinessAffairs/Travel\\_Risk\\_Activities.htm](http://www.utdallas.edu/BusinessAffairs/Travel_Risk_Activities.htm). Additional information is available from the office of the school dean. Below is a description of any travel and/or risk-related activity associated with this course.*

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## Student Conduct & Discipline

The University of Texas System and The University of Texas at Dallas have rules and regulations for the orderly and efficient conduct of their business. It is the responsibility of each student and each student organization to be knowledgeable about the rules and regulations which govern student conduct and activities. General information on student conduct and discipline is contained in the UTD publication, *A to Z Guide*, which is provided to all registered students each academic year.

The University of Texas at Dallas administers student discipline within the procedures of recognized and established due process. Procedures are defined and described in the *Rules and Regulations, Board of Regents, The University of Texas System, Part 1, Chapter VI, Section 3*, and in Title V, Rules on Student Services and Activities of the university's *Handbook of Operating Procedures*. Copies of these rules and regulations are available to students in the Office of the Dean of Students, where staff members are available to assist students in interpreting the rules and regulations (SU 1.602, 972/883-6391).

A student at the university neither loses the rights nor escapes the responsibilities of citizenship. He or she is expected to obey federal, state, and local laws as well as the Regents' Rules, university regulations, and administrative rules. Students are subject to discipline for violating the standards of conduct whether such conduct takes place on or off campus, or whether civil or criminal penalties are also imposed for such conduct.

## Academic Integrity

The faculty expects from its students a high level of responsibility and academic honesty. Because the value of an academic degree depends upon the absolute integrity of the work done by the student for that degree, it is imperative that a student demonstrate a high standard of individual honor in his or her scholastic work.

Scholastic dishonesty includes, but is not limited to, statements, acts or omissions related to applications for enrollment or the award of a degree, and/or the submission as one's own work or material that is not one's own. As a general rule, scholastic dishonesty involves one of the following acts: cheating, plagiarism, collusion and/or falsifying academic records. **Specifically on "individual assignments", copying another students computer files or having another person do your work could result a grade of F and/or expulsion from the University.** Students suspected of academic dishonesty are subject to disciplinary proceedings.

Plagiarism, especially from the web, from portions of papers for other classes, and from any other source is unacceptable and will be dealt with under the university's policy on plagiarism (see general catalog for details). This course will use the resources of turnitin.com, which searches the web for possible plagiarism and is over 90% effective.

## Email Use

The University of Texas at Dallas recognizes the value and efficiency of communication between faculty/staff and students through electronic mail. At the same time, email raises some issues concerning security and the identity of each individual in an email exchange. The university encourages all official student email correspondence be sent only to a student's U.T. Dallas email address and that faculty and staff consider email from students official only if it originates from a UTD student account. This allows the university to maintain a high degree of confidence in the identity of all individual corresponding and the security of the transmitted information. UTD furnishes each student with a free email account that is to be used in all communication with university personnel. The Department of Information Resources at U.T. Dallas provides a method for students to have their U.T. Dallas mail forwarded to other accounts.

### **Withdrawal from Class**

The administration of this institution has set deadlines for withdrawal of any college-level courses. These dates and times are published in that semester's course catalog. Administration procedures must be followed. It is the student's responsibility to handle withdrawal requirements from any class. In other words, I cannot drop or withdraw any student. You must do the proper paperwork to ensure that you will not receive a final grade of "F" in a course if you choose not to attend the class once you are enrolled.

### **Student Grievance Procedures**

Procedures for student grievances are found in Title V, Rules on Student Services and Activities, of the university's *Handbook of Operating Procedures*.

In attempting to resolve any student grievance regarding grades, evaluations, or other fulfillments of academic responsibility, it is the obligation of the student first to make a serious effort to resolve the matter with the instructor, supervisor, administrator, or committee with whom the grievance originates (hereafter called "the respondent"). Individual faculty members retain primary responsibility for assigning grades and evaluations. If the matter cannot be resolved at that level, the grievance must be submitted in writing to the respondent with a copy of the respondent's School Dean. If the matter is not resolved by the written response provided by the respondent, the student may submit a written appeal to the School Dean. If the grievance is not resolved by the School Dean's decision, the student may make a written appeal to the Dean of Graduate or Undergraduate Education, and the dean will appoint and convene an Academic Appeals Panel. The decision of the Academic Appeals Panel is final. The results of the academic appeals process will be distributed to all involved parties.

Copies of these rules and regulations are available to students in the Office of the Dean of Students, where staff members are available to assist students in interpreting the rules and regulations.

### **Incomplete Grade Policy**

As per university policy, incomplete grades will be granted only for work unavoidably missed at the semester's end and only if 70% of the course work has been completed. An incomplete grade must be resolved within eight (8) weeks from the first day of the subsequent long semester. If the required work to complete the course and to remove the incomplete grade is not submitted by the specified deadline, the incomplete grade is changed automatically to a grade of **F**.

### **Disability Services**

The goal of Disability Services is to provide students with disabilities educational opportunities equal to those of their non-disabled peers. Disability Services is located in room 1.610 in the Student Union. Office hours are Monday and Thursday, 8:30 a.m. to 6:30 p.m.; Tuesday and Wednesday, 8:30 a.m. to 7:30 p.m.; and Friday, 8:30 a.m. to 5:30 p.m.

The contact information for the Office of Disability Services is:  
The University of Texas at Dallas, SU 22  
PO Box 830688

Richardson, Texas 75083-0688  
(972) 883-2098 (voice or TTY)

Essentially, the law requires that colleges and universities make those reasonable adjustments necessary to eliminate discrimination on the basis of disability. For example, it may be necessary to remove classroom prohibitions against tape recorders or animals (in the case of dog guides) for students who are blind. Occasionally an assignment requirement may be substituted (for example, a research paper versus an oral presentation for a student who is hearing impaired). Classes enrolled students with mobility impairments may have to be rescheduled in accessible facilities. The college or university may need to provide special services such as registration, note-taking, or mobility assistance.

It is the student's responsibility to notify his or her professors of the need for such an accommodation. Disability Services provides students with letters to present to faculty members to verify that the student has a disability and needs accommodations. Individuals requiring special accommodation should contact the professor after class or during office hours.

### **Religious Holy Days**

The University of Texas at Dallas will excuse a student from class or other required activities for the travel to and observance of a religious holy day for a religion whose places of worship are exempt from property tax under Section 11.20, Tax Code, Texas Code Annotated.

The student is encouraged to notify the instructor or activity sponsor as soon as possible regarding the absence, preferably in advance of the assignment. The student, so excused, will be allowed to take the exam or complete the assignment within a reasonable time after the absence: a period equal to the length of the absence, up to a maximum of one week. A student who notifies the instructor and completes any missed exam or assignment may not be penalized for the absence. A student who fails to complete the exam or assignment within the prescribed period may receive a failing grade for that exam or assignment.

If a student or an instructor disagrees about the nature of the absence [i.e., for the purpose of observing a religious holy day] or if there is similar disagreement about whether the student has been given a reasonable time to complete any missed assignments or examinations, either the student or the instructor may request a ruling from the chief executive officer of the institution, or his or her designee. The chief executive officer or designee must take into account the legislative intent of TEC 51.911(b), and the student and instructor will abide by the decision of the chief executive officer or designee.

***These descriptions and timelines are subject to change at the discretion of the Professor.***