*Tentative Course Syllabus
(The most updated version of this syllabus will be maintained on the Brightspace course shell;
students, please refer to that version for most up-to-date information).

# TEXAS A&M UNIVERSITY – COMMERCE
## Department of Marketing and Business Analytics
## BUSA 415 – Business Process, Analysis and Design]

| CLASS MEETINGS: | Instructor Office Hours: |
|---|---|
| **Time & Location:** Web-based http://online.tamuc.org | If you email me, put "BUSA 415 " in the subject line of your email. |

**INSTRUCTOR**:

Ismail Guneydas

Adjunct Faculty, Department of Marketing and Business Analytics

Texas A&M University - Commerce

e-mail: ismail.guneydas@tamuc.edu

**TEXTBOOK**:

**Required Textbook:** SYSTEMS ANALYSIS+DESIGN-W/ACCESS, 10th Edition, 2014. Rosenblatt. ISBN: 9781285171340

**COURSE DESCRIPTION:**

This course provides a methodical approach to developing computer systems including systems planning, analysis, design, testing, implementation and software maintenance. Emphasis is on the strategies and techniques of systems analysis and design for producing logical methodologies for dealing with complexity in the development of information systems. The course approaches the development of information systems from a problem-solving perspective. This course builds upon concepts to which the student has been exposed in previous classes.

**STUDENT LEARNING OUTCOMES:**

Students will demonstrate knowledge of the following:

1. Understand the types of business needs that can be addressed using information technology- based solutions.
2. Use at least one specific methodology for analyzing a business situation (a problem or opportunity), modeling it using a formal technique, and specifying requirements for a system that enables a productive change in a way the business is conducted.
3. Within the context of the methodologies they learn, write clear and concise business requirements
1. documents and convert them into technical specifications.
4. Incorporate principles leading to high levels of security and user experience from the beginning of the systems development process.
5. Design high-level logical system characteristics (user interface design, design of data and information requirements).
6. Analyze and articulate ethical, cultural, and legal issues and their feasibilities among alternative solutions.

**COURSE OUTLINE/CONTENT**:

| Schedule | Topic |
|---|---|
| Week 1 | Chapter 1: Intro to Systems |

| | |
|---|---|
| | Analysis |
| Week 2 | Chapter 2: Analyzing the Business Case |
| Week 3 | Chapter 3: Managing Systems Projects **HW1** |
| Week 4 | Chapter 4: Requirements Modeling **Quiz 1** |
| Week 5 | Chapter 5: Data and Process Modeling |
| Week 6 | Chapter 6: Object Modeling |
| Week 7 | Chapter 7: Development Strategies **Quiz 2** |
| Week 8 | **Mid-Term   HW2** |
| Week 9 | Chapter 8: User Interface Design |
| Week 10 | Chapter 9: Data Design |
| Week 11 | Chapter 10: System Architecture **Quiz 3** |
| Week 12 | Chapter 11: Managing Systems Implementation **HW3** |
| Week 13 | |
| Week 14 | Chapter 12: Managing Systems Support and Security **Quiz 4** |
| Week 15 | Review |
| Week 16 | **Final** |

## EXAMS & GRADING:

E-Attendance/E-Activity, E-Participation/Discussions     20%
Homeworks Assignments  & Quizzes                         30%
Midterm Exam                                             25%
Final Exam (Comprehensive of all the material covered) 25%

## COURSE REQUIREMENTS:

**Study:** To plan a minimum of three hours of outside preparation for each hour of class is a safe time allocation for successfully completing the course.

Students are expected to go through the slides and any other uploaded material every week in Brightspace course shell. Online discussion/activities may be required and online activities may be assigned to reinforce material in the text. Please see Brightspace course shell for further details.

**Brightspace:** You will need to activate and access your Bright space account.

 "If at any time you experience technical problems (e.g., you can't log in to the course, you can't see certain material, etc.) please contact the Brightspace HelpDesk, available 24 hours a day, seven days a week. The HelpDesk can be reached by sending an email to helpdesk@online.tamuc.org or by calling 1-866-656-5511".

**Assignments:** There will be regularly assigned written problem sets and programming assignments. Assignments will be given and returned via the online Brightspace system. ***It is very important that students follow the instructions carefully on the assignments.*** The assignments will be uploaded by the instructor to Brightspace course shell. The student may have to upload it to the course shell's Dropbox by following the instructions on the assignment; or the assignments may be entirely online tests. It is the student's responsibility to return or solve all assignments ready on time by the given due date. Late assignment may *not* be accepted or may be *penalized* and assignment may not be accepted beyond a certain time.

**Quizzes**: There will be several quizzes on Brightspace. You will have 5 days to take quizzes.

**Exams:** Two exams will be given, one midterm exam and one final exam. The instructor may add other necessary exams if he sees necessary. The exams will be delivered online on the dates indicated above.

**Attendance/E-participation, Discussions:** Student participation will be graded by the level of class participation and attendance. Students are expected to attend/participate the weekly discussion topics which will be posted in the course shell almost every week and read all of the uploaded slides  (e-participation).

Students will be able to view their graded assignment, quiz and exam scores on Brightspace. The students have one week to inquire about their grade after the assignment/quiz/exam is done. Grades accumulated so far in the class by the students may be provided on Brightspace to the students as a courtesy by the instructor so that the students can see where they stand gradewise; however, those grades might not be very accurate. The overall course grades are finalized after all the exams, assignments, quizzes and attendances are complete and then they are put in a spreadsheet, weighed and evaluated at the end of the semester by the instructor.

**Web-based / online class:** This is a web-based / online class. Assignments will be uploaded to Brightspace course shell. Students are responsible for obtaining and setting up their Brightspace account using their TAMUC student login. They need to follow the Brightspace course shell daily for the course announcements, downloading and uploading the assignments, and other course activities. Students also need to check their leomails daily.

***The instructor maintains the right to modify the course syllabus & policies within the semester if need arises.***

**ETHICS**
Integrity is the hallmark of the accounting profession and will be stressed throughout the course. Any type of student breach of ethics, including, but not limited to: illegal activity, dishonest conduct, cheating, plagiarism, or collusion will result in failure on the assignment and/or further academic sanctions (i.e. failure of the course, dismissal from class and/or referral to the Dean of the College of Business). **You will be required to sign the Academic Honesty Policy and submit it within the first week of class. Failure to submit a signed Academic Honesty Policy will cause a 50 point deduction from your overall score for the class.**

"All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment." (See Student's Guide Handbook, Policies and Procedures, Conduct). Ethics include the issue of plagiarism, and copying parts or whole of assignments, quizzes and exams is just as serious as any other type of plagiarism. If you are caught

sharing or using other people's work, you will receive a 0 grade and a warning on the first instance. A subsequent instance will result in receiving an F grade for the course, and possible disciplinary proceedings. The student who shares as well as the one who copies will both receive a 0.

## ATTENDANCE POLICY :
Student participation will be graded by the level of class participation and attendance. Since this is a web-based / online class, the students are expected to participate in the required activities as described in the Brightspace course shell for each and every week's lecture. At the beginning of every week, reading material / lecture slides will be uploaded to course shell and the students are required to go through the assigned reading material and/or lecture slides.

Any student wishing to withdraw from the course must do so officially as outlined in the class schedule. THE INSTRUCTOR CANNOT DROP OR WITHDRAW ANY STUDENT.

## COURSE REQUIREMENT DEADLINES:
Credit will be given for ONLY those exam(s), program(s), and/or project(s) turned in no later than the deadline(s) as announced by the instructor of this class unless prior arrangement has been made with the instructor. Late assignments will be penalized, and the instructor may not accept late assignments after a specified period.

## METHOD OF EVALUATION (Tentative):
Final average Letter grade
90 – 100        A
80 – 89.99      B
70 – 79.99      C
60 – 69.99      D
Below 60        F

## STUDENTS WITH DISABILITIES REQUIRING ASSISTANCE:
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities.  Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities.  If you have a disability requiring an accommodation, please contact:
**Office of Student Disability Resources and Services**
**Texas A&M University-Commerce**
**Gee Library, Room 132**
**Phone (903) 886-5150 or (903) 886-5835**
**Fax (903) 468-8148**
StudentDisabilityServices@tamuc.edu

## SMOKE, VAPOR & TOBACCO FREE ENVIRONMENT:
University Procedure 34.05.99.R1 now prohibits the use of vapor/electronic cigarettes, smokeless tobacco, snuff and chewing tobacco inside and adjacent to any building owned, leased, or operated by A&M – Commerce.

**UNIVERSITY RULES AND PROCEDURES** can be accessed at
http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/
**Section 13** is about **Students (Academic)**.

**Campus Concealed Carry**

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations. For a list of locations, please refer to ((http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf) and/or consult your event organizer).  Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.