CSCI 428.01W Object Oriented Programming
COURSE SYLLABUS: Fall 2014

Instructor:

Dr. Hamid Azzo

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Office Hours: Thursday 7:10 PM – 8:10 PM in Social Science Bld, Room 309, Other Times by Appt.

Class Meeting Times: Online course from Aug.25, 2014 to Dec. 12th, 2014

Final Exam Date: Wednesday, December 10, 2014 at 6:00 pm central time

Textbooks and Resources:

No Textbook is required. Readings will be assigned from additional sources.

Prerequisites:

Undergraduate level CSCI 270 or CSCI 320

Description (3 credit hours)**:**

This course emphasizes current techniques in object-oriented analysis, design, and programming. It starts with an introduction to objects, classes, and the object oriented way of thinking. Then, it covers topics such as encapsulation, abstraction, inheritance, and polymorphism in class assignments and programming exercises. C++ programming language is utilized along with the UML modeling language

Important dates (tentative):

Final exam: in the final week or determined by the university

Student Learning Outcomes:

This is an undergraduate course focused on object oriented programming. It covers OOP's methods using the Unified Modeling Language (UML) and the C++ programming language. At the end of the class, students should have a good understanding of the following topics:

1. (CO428.1): Software Engineering Basics.
2. (CO428.2): Classes basics/advanced.
3. (CO428.3): Overloading.
4. (CO428.4): Polymorphism/Virtual function.
5. (CO428.5): Template, Exception.

6. (CO428.6): UML.
7. (CO428.7): Integration Project

Grading (tentative):
    Your grade in the course will be calculated as follows:

Homework assignments and quizzes:	25%
3 Exams:	25% each (lowest dropped)
Final Project:	25 %

Assignments and projects will be assigned on eCollege and must be turned into the correct dropbox. Three exams will be administered. I will keep only your two best scores and drop the lowest. Because of this policy, no makeup exams will be given. If you have to miss an exam for any reason, this will be the exam that will not be counted.

Your final letter grade will be determined as follows:

A – Total number of points $\geq$ 89.5
B – 79.5 $\leq$ total number of points < 89.5
C – 69.5 $\leq$ total number of points < 79.5
D – 59.5 $\leq$ total number of points < 69.5
F – total number of points < 59.5

 I reserve the right to curve the grades in the course; however, for a given raw average, you will at least earn the grade letter shown above (if not better). As you will notice, I have already incorporated a standard rounding scheme into the schedule of grades. Thus, please do not ask me to round your grade at the end of the semester..

TECHNOLOGY REQUIREMENTS

- To fully participate in online courses, you will need to use a current, Flash enabled browser. For PC users, the suggested browser is Internet Explorer 9.0 or 10. For Mac users, the most current update of Firefox is suggested.

- You will need regular access to a computer with a broadband Internet connection. The minimum computer requirements are:
    - 512 MB of RAM, 1 GB or more preferred
    - Broadband connection required courses are heavily video intensive
    - Video display capable of high-color 16-bit display 1024 x 768 or higher resolution

- You must have a:
    - sound card, which is usually integrated into your desktop or laptop computer

- speakers or headphones.

- Depending on your course, you might also need a:
    - webcam
    - microphone

For courses where interactive tools are used, like VoiceThread or Class Live Pro, headphones are suggested for use with recording and playback. We recommend a webcam with an integrated microphone, such as the Microsoft LifeCam Cinema. All devices should be installed and configured before class begins.

- Both versions of Java (32 bit and 64 bit) must be installed and up to date on your machine. Java can be downloaded at: http://www.java.com/en/download/manual.jsp

- Current anti-virus software must be installed and kept up to date.

- You will need some additional free software for enhanced web browsing. Ensure that you download the free versions of the following software:
    - Adobe Reader
    - Adobe Flash Player

- At a minimum, you must have Microsoft Office 2013, 2010, 2007 or Open Office. Microsoft Office is the standard office productivity software utilized by faculty, students, and staff. Microsoft Word is the standard word processing software, Microsoft Excel is the standard spreadsheet software, and Microsoft PowerPoint is the standard presentation software. Copying and pasting, along with attaching/uploading documents for assignment submission, will also be required. If you do not have Microsoft Office, you can check with the bookstore to see if they have any student copies.

For additional information about system requirements, please see:
    https://secure.ecollege.com/tamuc/index.learn?action=technical

ACCESS AND NAVIGATION

Pearson LearningStudio Access and Log in Information

This course will be facilitated using Pearson LearningStudio, the learning management system used by Texas A&M University Commerce. To get started with the course, go to: http://www.tamuc.edu/myleo.aspx.

You will need your CWID and password to log in to the course. If you do not know your CWID or have forgotten your password, contact Technology Services at 903.468.6000 or helpdesk@tamuc.edu.

It is strongly recommended that you perform a "Browser Test" prior to the start of your course. To launch a browser test, login to Pearson LearningStudio, click on the 'myCourses' tab, and then select the "Browser Test" link under Support Services.

Pearson LearningStudio Student Technical Support

Texas A&M University Commerce provides students technical support in the use of Pearson LearningStudio.

Technical assistance is available 24 hours a day/ 7 days a week.

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 Pearson LearningStudio Help Desk, available 24 hours a day, seven days a week.

The student help desk may be reached by the following means 24 hours a day, seven days a week.

- **Chat Support:** Click on *'Live Support'* on the tool bar within your course to chat with an Pearson LearningStudio Representative.
- **Phone:** 1-866-656-5511 (Toll Free) to speak with Pearson LearningStudio Technical Support Representative.

- **Email:** helpdesk@online.tamuc.org to initiate a support request with Pearson LearningStudio Technical Support Representative.

Accessing Help from within Your Course: Click on the *'Tech Support'* icon on the upper left side of the screen inside the course. You will then be able to get assistance via online chat, email or by phone by calling the Help Desk number noted below.

Note: Personal computer problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, Office Services such as Kinko's, an Internet cafe, or a bookstore such as Barnes & Noble, etc.

Policy for Reporting Problems with Pearson LearningStudio

Should students encounter Pearson LearningStudio based problems while submitting assignments/discussions/comments/exams, the following procedure **MUST** be followed?

1. Students must report the problem to the help desk. You may reach the helpdesk at helpdesk@online.tamuc.org or 1-866-656-5511

2. Students **MUST** file their problem with the helpdesk and obtain a helpdesk ticket number

3. Once a helpdesk ticket number is in your possession, students should email me to advise me of the problem and to provide me with the helpdesk ticket number.

4. At that time, I will call the helpdesk to confirm your problem and follow up with you

PLEASE NOTE: Your personal computer/access problems are not a legitimate excuse for filing a ticket with the help desk. You are strongly encouraged to check for compatibility of your browser **BEFORE** the course begins and to take the Pearson LearningStudio tutorial offered for students who may require some extra assistance in navigating the Pearson LearningStudio platform. **ONLY** Pearson LearningStudio based problems are legitimate.

Internet Access

An Internet connection is necessary to participate in discussions and assignments, access readings, transfer course work, and receive feedback from your professor. View the requirements as outlined in Technology Requirements above for more information.

myLeo Support

Your myLeo email address is required to send and receive all student correspondence. Please email helpdesk@tamuc.edu or call us at 903-468-6000 with any questions about

setting up your myLeo email account. You may also access information at https://leo.tamuc.edu.

Learner Support

Go to the following link One Stop Shop- created to serve you by attempting to provide as many resources as possible in one location.

Go to the following link Academic Success Center- focused on providing academic resources to help you achieve academic success.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures

Time Zone: Assignment and Assessment due dates are in the Central Time USA zone.

Late Policy:

Homework will be due on the day specified. NO late homework is accepted.

Make-up Policy:

No individual make-up test will be permitted except in the case of a formal Institutional excuse. Events such as going on a business trip or attending a brother's wedding are not an acceptable excuse for not taking an exam at its scheduled time and place. You will have one chance to take a makeup exam if your absence is excused. There will be no makeup for homework assignments and quizzes.

Attendance:

This is an online learning course. Each student is expected to regularly check the course website (for example, every other day) to make sure that you do not miss any assignment submission quiz, and exam. Your user activities with the course in the e-College will be monitored.

Drops:

If you find that you cannot complete the course, please don't forget to drop. If you simply disappear, your grade will be whatever you have actually earned at the time you drop.

University Specific Procedures

Academic Integrity:

The university, college, and department policies against academic dishonesty will be strictly enforced. I have a NO TOLERENCE policy for cheating and if you are caught cheating you will fail this course. Students found guilty of an act of academic dishonesty in this course will be subject to receiving an "F" in this course. Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabricating of information or citations, facilitating acts of academic

dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students.

ADA Statement

Students with Disabilities

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

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See *Code of Student Conduct from Student Guide Handbook).*

Disclaimer:

The above schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances.