MGIS 2320
Business System Implementation
TuTh 12:30-1:50 pm, SHB 340

Instructor: **Kamphol Wipawayangkool, Ph.D.**
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Office Hours: TuTh 3:30-5 pm.
Phone: 936-294-4049

Software: Microsoft Visual Studio Community 2017 or Microsoft Visual Studio Enterprise 2017

Check your SHSU email for an email with a link to set up an account for Microsoft Imagine:
https://e5.onthehub.com/WebStore/Security/Signin.aspx?ws=5601d5ef-e89b-e011-969d-0030487d8897&vsro=8&rurl=%2fWebStore%2fProductsByMajorVersionList.aspx%3fws%3d5601d5ef-e89b-e011-969d-0030487d8897%26vsro%3d8&JSEnabled=1

Textbook: Joyce Farrell, Microsoft Visual C# 2015: An Introduction to Object-Oriented Programming, Cengage Learning, ISBN: 9781285860237

Course Description: An introduction to the implementation of common business applications using current visual application development platforms. Basic structured and object-oriented analysis and construction techniques are taught in the context of the creation of business-oriented systems. Prerequisites: CS 133, CS 143, or GBA 180, and MTH 199.

Learning Outcomes: The students are expected to be able to:
- Analyze given problems and develop effective algorithms.
- Apply key concepts of structured programming (e.g. control structures).
- Apply key concepts of object-oriented programming (e.g. classes/objects and methods).
- Apply key concepts of event-driven programming (e.g. Windows forms/controls and events).

Course Requirements:

Quizzes	10%	A = 90% and above
Homework (6)	30%	B = 80% - 89%
Exams (3)	60%	C = 70% - 79%
TOTAL	**100%**	D = 60% - 69%
		F = 0% - 59%

Attendance: Attendance is considered **mandatory**. You are responsible for the materials you miss. Quizzes will be given in class throughout the semester. **Any quiz assigned in a section must be at the latest submitted before the exam date of that section. Otherwise, half of the points will be deducted.**

Homework: The instruction and how to submit homework will be provided in class and/or posted online according to the schedule. **Homework must be submitted by midnight on the due date. Otherwise, half of the points will be deducted. If the code is uncompilable, your grade will be zero.**

Examinations: If you miss an exam without a valid excuse, your grade in that exam will be zero. **You will be eligible for a make-up test, ONLY IF you have informed the instructor in advance, or with a valid excuse (i.e. illness, car accidents, death in the family, and participation in University sponsored events); proper documentation is expected.** If you are caught cheating, sending text messages, accessing e-mail or the Internet, or talking on your cell phone or to another individual, etc., you will receive zero for that exam.

Tentative Course Schedule

Date	Topic	HW Due
8/24	Syllabus / Algorithm / Alice	
8/29	C# Fundamentals	
8/31	C# Fundamentals	
9/5	Control Structures	
9/7	Control Structures	
9/12	Control Structures	
9/14	Control Structures	
9/19	Control Structures	
9/21	Arrays	
9/26	Arrays	
9/28	Extra Credit Quiz / Review	
10/3	**Exam 1: Multiple choices**	**HW 1, 2, 3 (5% each) & Q1-6**
10/5	**Exam 1: Coding**	
10/10	Methods	
10/12	Methods	
10/17	Methods	
10/19	Classes & Objects	
10/24	Classes & Objects	
10/26	Classes & Objects	
10/31	Classes & Objects	
11/2	Inheritance / Review	
11/7	**Exam 2: Multiple choices**	**HW 4, 5 (5% each) & Q7**
11/9	**Exam 2: Coding**	
11/14	GUI	
11/16	GUI	
11/21	GUI	
11/23	*Thanksgiving*	
12/28	**Exam 3: Take-home coding**	**HW 6 (5%)**
12/30	No class	
12/5, 1-3 pm	**Exam 3: In-class coding**	

Syllabus Changes: The instructor reserves the right to make changes to the syllabus as necessary;
*** Students are responsible to be aware of changes announced in class, email, and/or via Blackboard. ***

OTHER
- Students are responsible for abiding by all published University rules and regulations as printed in the *Undergraduate Catalogue*, *Student Guidelines*, and in other official University publications. You may find online a more detailed description of the following policies. These guidelines will also provide you with a link to the specific university policy or procedure: http://www.shsu.edu/syllabus/
- **Academic Dishonesty**: All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials. For a complete listing of the university policy, see: http://www.shsu.edu/administrative/faculty/sectionb.html#dishonesty
- **Student Absences on Religious Holy Days**: Students are allowed to miss class and other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Students remain responsible for all work. http://www.shsu.edu/~vaf_www/aps/documents/861001.pdf
- **Students with Disabilities Policy:** It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Any student with a disability that affects his/her academic performance should contact the Office of Services for Students with Disabilities in the SHSU Lee Drain Annex (telephone 936-294-3512, TDD 936-294-3786) to request accommodations.