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.
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Software: Microsoft Visual Studio Professional 2013 (this version is what is on campus),
Microsoft Visual Studio Enterprise 2015, or
Microsoft Visual Studio Community 2015

Microsoft Imagine: (Check your SHSU email for a Microsoft email for how to set up an account.)
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 throughout the semester. **Any quiz given in a section must be at the latest submitted before the exam date of that section.**

Homework: The instruction and how to submit homework will be provided in class and/or posted online according to the course schedule. **Homework must be submitted by midnight on the due date, otherwise half of the points will be deducted. If your code cannot be compiled, 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
1/18	Syllabus / Algorithm / Alice	
1/23	C# Fundamentals	
1/25	C# Fundamentals	
1/30	Control Structures	
2/1	Control Structures	
2/6	Control Structures	
2/8	Control Structures	
2/13	Control Structures	
2/15	Control Structures	
2/20	Arrays	
2/22	Arrays	
2/27	Extra Credit Quiz / Review	
3/1	**Exam 1: Multiple choices**	**HW 1, 2, 3 (5% each)**
3/6	**Exam 1: Coding**	
3/8	Characters & Strings	
3/13, 15	*Spring Break*	
3/20	Methods	
3/22	Methods	
3/27	Methods	
3/29	Classes & Objects	
4/3	Classes & Objects	
4/5	Classes & Objects	
4/10	Inheritance / Review	
4/12	**Exam 2: Multiple choices**	**HW 4, 5 (5% each)**
4/17	**Exam 2: Coding**	
4/19	GUI	
4/24	GUI	
4/26	GUI	
5/1	**Exam 3: Take-home coding**	**HW 6 (5%)**
5/3	No class	
5/8, 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. ***