Course Syllabus
MIS 2845-01 – Applied Program Develop I
Spring Semester, 2016
3.0 Credit Hours

Instructor: Richard Kumi
Phone: 901.678.4511
E-mail: rkumi@memphis.edu
Office: FCBE 340

Class Meeting:
Dates: January 19th to May 5th
Location: FCBE 377
Time; Tuesday and Thursday; 5.30PM-6.55PM

Office Hours: Tuesday and Thursday: 3.30PM to 5.00PM, and by Appointment

Course Overview

Software plays an important role in almost every organization. Understanding the process of developing software is equally important. This course introduces fundamentals of software development using languages and techniques widely employed in a business environment. In this semester we will use Java programming language and an integrated development environment to explore the fundamentals of software development in a business environment. This course provides students with a basic understanding of the essential principles of Java programming

Pre-Requisites/Co-Requisites:
PREREQUISITE: MIS 2749

Required Textbook:

Introduction to Java Programming, 10th edition, by Y. Daniel Liang,
Publisher Pearson Prentice Hall/Pearson.
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Software:
- Java SE Development Kit 8
  (http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html)
- Eclipse Integrated Development Environment (IDE) for Java Developers

Course Objectives:
The purpose of this course is to provide students with a basic understanding of the essential principles of Java programming language and, more generally, an understanding of object-oriented programming. The course will cover object-oriented software design using Java. The following topics will be covered in this course

Course Topics
- Programming in Java
- Methods and Variables
- Inputs and outputs
- Object-oriented thinking
- Selection and Decisions
- Objects and classes
- Arrays
- Event-driven programming
- Java GUI

Course materials are available online on eCourseWare at elearn.memphis.edu. They include lecture slides, assignments, exercises, grades and related links. Course materials are organized into modules based on weekly topics.

There are numerous integrated development environments for Java Programming (including the Notepad editor) within which applications can be developed. There are also numerous different compilers that can be used to compile and debug your programs once they have been coded. The two popular integrated development environments (IDE) for Java programmers are NetBeans and Eclipse. Both of these IDEs are available for free. In this course, the primary IDE is Eclipse.

If you have technical problems notify the instructor and contact technical support immediately. For technical support, use the online helpdesk ticket systems at http://helpdesk.memphis.edu OR call 901-678-8888.

Fogelman College: Learning Outcomes for Your Degree
This course is designed to help you meet the overall learning objectives for the BBA degree offered by the Fogelman College. Please review the learning objectives of the BBA program at

http://www.fcbeassessment.net/LearningOutcomes/BBADegreeLearningOutcomes.pdf
**Course Methodology**

1. Lectures/Class Discussions/Class Assignments
2. Exams
3. Case Study, quizzes, and assignments

**Professor’s Expectations:**

The course will be conducted online. Students are responsible for all materials covered in class and assigned text chapters. Students are also responsible for any announcements made in class. All announcements will be posted in e-course. Specific due dates will be stated for all deliverables in e-course. Failure to complete items before the due date will result in reduced credit. All assignments should be submitted through e-course, no exceptions. At no point will the instructor accept email attachments or any other means of submitting any of the deliverables for this course.

All homework assignments are individual assignments and each person is expected to create their own files and do their own work. If you turn in another student’s work as your own, you will receive a 0 on that assignment.

You are expected to turn in your assignments on time. The due dates for assignments are provided in ecourse. Points will be deducted for each day that an assignment is late as follows: Failure to complete assignment before the due date will result in reduced credit. (One day late = 5%; Two days late =10%; Three Days late =20%; Four Days late = 40%; Five days late =80%). Late assignment after 5 days will not be accepted in any situation unless you have university approved excuse.

All assignments should be submitted through e-course, no exceptions. At no point will the instructor accept email attachments or any other means of submitting any of the deliverables for this course.

If an emergency should arise, it is the student’s responsibility to contact the instructor prior to the deadline to discuss the matter. A deadline extension will be considered only if both of the following conditions are met: (1) Documented extreme and unforeseeable emergency and (2) Instructor contacted prior to the due date.

(Refer to the Student Handbook, sections Academic and Misconduct and Classroom Misconduct for information)

**Student’s Expectations:**

Fogelman students have endorsed the *Fogelman Code of Professionalism for Students*. Please review the code to understand the expectations for students in this class and the Fogelman
Grading and Evaluation Criteria

1. **Exam**: There will be two exams, each worth 18 percent of your final grade. **THERE ARE NO MAKEUPS FOR MISSED EXAM UNLESS YOU ARE ON OFFICIAL UNIVERSITY OF MEMPHIS BUSINESS.**
2. **Individual Project**: One individual project. It is worth 15 percent of your final grade
3. **Homework**: There will be 8 homework. The best 6 out of the 8 will be worth 25%.
4. **Team Project**: Each team will create a final project. The final project is worth 20% of your final grade

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<thead>
<tr>
<th>Component</th>
<th>Percent of final grade</th>
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<tbody>
<tr>
<td>Homework 8 (best 6)</td>
<td>25%</td>
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<tr>
<td>Individual Project</td>
<td>15%</td>
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<tr>
<td>Group Project</td>
<td>20%</td>
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<tr>
<td>Exam 1</td>
<td>18%</td>
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<tr>
<td>Exam 2</td>
<td>18%</td>
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<tr>
<td>Class Participation</td>
<td>4%</td>
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**Final Course Grades**

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<tr>
<th>Grading Evaluation</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Above 90%</td>
<td>A</td>
</tr>
<tr>
<td>Above 80% but below 90%</td>
<td>B</td>
</tr>
<tr>
<td>Above 70% but below 80%</td>
<td>C</td>
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<tr>
<td>Above 60% but below 70%</td>
<td>D</td>
</tr>
<tr>
<td>Below 60%</td>
<td>F</td>
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**Extra Credit**
Extra credit of not more than 3% may be available for professional development activities organized by the University of Memphis as well as off-campus activities. Instructor will provide detailed information on some of these University of Memphis sponsored professional development activities in class. If you identify a professional development event that you want to attend and it is not sponsored by the University of Memphis, please inform instructor prior to attending if you plan to apply for extra credit

**Schedule of Activities**
Please refer to the list of weekly learning activities in the schedule
Final Exam Schedule
The final exam for this class will be scheduled according to the Registrar’s academic calendar website.

Course Policies

E-MAIL:
All students are required to maintain and access their University of Memphis (@memphis.edu) email account. You will receive all official course correspondence at this email account. It is your responsibility to check your inbox frequently and read all email messages from the course instructor.

Attendance:
I expect all students to participate and engage in class activities. Participation and engagement will be assessed by level and quality of participation on discussion forums, email communication, quality of assignment and team projects.

Academic Integrity:
The University of Memphis has published rules and responsibilities regarding academic conduct. In addition, the Fogelman College of Business and Economics policies on academic integrity is located at http://www.memphis.edu/fcbe/integrity. You are expected to follow these rules and guidelines.

Student Services

Please access the FCBE Student Services page for information about:

- Students with Disabilities
- Tutoring and other Academic Assistance
- Advising Services for Fogelman Students
- Technical Assistance