Course Syllabus

MIS 2845 001 – Introduction to Business Application Programming

Fall 2017

3 Credit Hours

Instructor: Chen Zhang, Associate Professor

Time and Room: 2:20 PM – 3:45 PM Monday and Wednesday, FCB 373
Phone: 901.678.5671
E-mail: czhang12@memphis.edu
Office: FAB 301
Office Hours: Monday noon - 1pm
Wednesday noon - 2pm
or by appointment

Course Overview:
Introduction to business application programming; program development using languages and techniques widely employed in business environment.

Main Course Topics
- Variables
- Operators
- Strings
- Conditional Statements
- Loops
- Methods
- Arrays
- Exception Handling
- Object-Oriented Programming
- Text I/O

Pre-Requisite
MIS 2749
Required Texts and Related Materials

• Textbooks
  o Lecture notes posted on the eCourseware website

Software:

• Java SE JDK 8u144
  (http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html)
• Eclipse Integrated Development Environment (IDE) for Java Developers
  (https://eclipse.org/downloads/eclipse-packages/)

Location of Course Materials

Course materials are available online at elearn.memphis.edu. They include lecture slides, handouts, assignments, grades and other course-related information. Course materials are organized into modules based on topics.

Course Objectives

After successfully completing this course, students will be able to:

• Analyze problems and develop algorithms to solve them
• Make use of variables, expressions, control structures, and arrays in Java programs
• Organize program code using methods following the software engineering principles of modularity
• Write, document, test, and debug Java programs in commonly used IDEs
• Read and understand introductory Java programs
• Understand the fundamental concepts in object-oriented programming
• Develop simple GUIs in Java

Fogelman College: Learning Outcomes for Your Degree

This course is designed to help you to meet the overall learning objectives for the BBA degree offered by the Fogelman College. You should take the time to become familiar with the overall learning objectives as a student in the BBA program:

• BBA

Course Methodology

Combination of lecture and in-class hands-on programming activities.

Professor’s Expectations

Students are expected to attend classes, actively participate in discussions and hands-on activities, review the course content after class, and complete assignments on time. Students are strongly encouraged to contact me to discuss any concerns about this course or seek any additional help with course materials if needed. It is critical that students have access to computers with the installed software tools.
**Student’s Expectations**
Course materials will be well-organized and posted on eCourseware in advance. You will be engaged in an active and supportive learning environment. I will respond to your emails within 2 days if not sooner. Submissions will be graded within 7 to 10 business days and your up-to-date grade will be posted on eCourseware throughout the semester.

**Grading and Evaluation Criteria**
Over the semester, you will have a variety of opportunities to earn points towards your final letter grade in this course. This section of the syllabus describes the grading components and how the final letter grade will be computed.

**Final Course Grades**
Final course grades are computed as follows:

<table>
<thead>
<tr>
<th>Point Range</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90.0 and above</td>
<td>A</td>
</tr>
<tr>
<td>80.0 - 89.9</td>
<td>B</td>
</tr>
<tr>
<td>70.0 - 79.9</td>
<td>C</td>
</tr>
<tr>
<td>60.0 – 69.9</td>
<td>D</td>
</tr>
<tr>
<td>Under 60.0</td>
<td>F</td>
</tr>
</tbody>
</table>

Your overall points will be based on attendance and participation, chapter exercises, assignments, exams, and group project according to the following scheme.

<table>
<thead>
<tr>
<th>Component</th>
<th>Total Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance and Participation</td>
<td>10</td>
</tr>
<tr>
<td>Chapter Exercises</td>
<td>20</td>
</tr>
<tr>
<td>Assignments</td>
<td>15</td>
</tr>
<tr>
<td>Midterm</td>
<td>15</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25</td>
</tr>
<tr>
<td>Group Project</td>
<td>15</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>

**Attendance and Participation**
You are expected to attend all classes, contribute to discussions, and participate in hands-on activities in class. You are responsible for the material we cover in class if you miss a class. Lecture slides and/or handouts will be posted on the course website in advance. Please note that office hours are not a substitute for class attendance and participation.
Exercises
Each week I will assign programming exercises for you to practice what is covered in that week’s lecture. These exercises will not only help you apply the concepts and techniques but also keep the instructor informed of your progress in the course throughout the semester. You will work on the exercises individually. Copying others’ code is strictly prohibited.

Assignments
There will be 3 assignments during the semester. Each assignment will take significantly longer to complete than exercises. Please allocate sufficient time to each assignment and always start as early as possible! Assignments need to be submitted to the appropriate dropbox on eCourseware by 11:59PM of the due date (dropbox will close at 11:59PM of the due date). Each assignment will be graded out of 100 points and is worth 5% of the final grade.

Assignments should be done individually. Although students are allowed to discuss general concepts with each other, the specific code of the assignment should not be discussed or shared with others. Copying others’ code is strictly prohibited.

Late submission should be done via email by including the assignment solution as an attachment. There will be a 10% penalty for each day (or partial day) assignment submission is past the due date/time unless the student has a properly documented explanation for the late submission. If an assignment is turned in within 24 hours after the due date/time, there will be a penalty of 10 points. If an assignment is turned in within 48 hours after the due date/time, there will be a penalty of 20 points. If an assignment is turned in within 72 hours after the due date/time, there will be a penalty of 30 points. No assignments will be accepted 72 hours (3 days) after the due date/time.

Exams
There will be two closed-book in-class exams for this course. It will cover lecture material, class discussion, exercises, and textbook reading materials. The exam consists of multiple choice, short answer, and coding questions. Please see the schedule for the dates of the exams.

If you know in advance that you will be absent on the day of the scheduled exam, you need to make arrangements with me as soon as possible. If you miss an exam because of illness or other unforeseeable emergency (proper documentation required), you must contact me by email or phone within two days of the scheduled exam date to make arrangement for a makeup exam. Failure to do so will result in a grade of zero for the exam.

Group Project
Projects will be completed by groups of 3 to 4 students. Each group must develop and submit the proposal outlining the project, the code, and the documentation. At the end of the semester, each group will make a presentation and project demonstration. At the end of the semester, a winning project will be selected based on students’ votes and 3 bonus points will be awarded to the final grades of members of the winning project group.

The due dates for project proposal and final deliverables are available in the course schedule. The project will be assessed based on its proposal, coding, documentation, and presentation.

The project will be graded as follows:
- Proposal – 15%
- Presentation – 25%
Schedule of Activities
For a schedule of readings, activities, and due dates for assignments, please refer to the “Tentative Schedule” under “Course Introduction” module on the course website.

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 on a regular basis. You will receive all official course correspondence at this email account. It is your responsibility to make sure you are able to receive incoming mail in a timely fashion. If you prefer using your alternate email address (gmail, yahoo, etc.), you should inform me in an email during the first week of class.

Attendance
This is a standard classroom course. It is important that you consistently attend classes throughout the semester and stay active and engaged in the classroom. Your full engagement in the class begins on the first day of the semester and should be maintained until the end of the semester. For students receiving federal student loans, any lack of engagement in the course may be treated as non-attendance and potentially impact access to student loans in the future.

Students are expected to participate in all interactive aspects of the course. You should also regularly communicate with the instructor as part of your overall learning experience, check the course website and email frequently for announcements, and actively participate in classroom discussions (both formal and informal).

Note that class attendance and participation will contribute to your overall grade in the semester as noted earlier in this syllabus.

Adding / Dropping
If you have questions about adding or dropping classes, please refer to the Registrar’s website.

Academic Integrity
The University of Memphis has clear codes regarding cheating and classroom misconduct. Please refer to the Student Handbook section on academic misconduct for a discussion of these codes. Note that using a “Solutions Manual” IS considered cheating. Should your professor have evidence that using a “Solutions Manual” has occurred, he/she may take steps as described on the campus’ Office of Student Conduct website.
If you have any questions about academic integrity or plagiarism, you are strongly encouraged to review the Fogelman College's Website on Academic Integrity. Note that Turnitin will be used extensively on submitted work, especially research and associated writing. Strong evidence of plagiarism will result in a zero on the submitted assignment.

**Classroom Behavior**

All participants in the course should be considerate of the other participants and treat them and their opinions with respect. Use of cell phones or engaging in activities unrelated to class is not allowed in class.

**Extra Credit**

There is no extra credit offered in this course. Your final grade will be computed based on your work on the assessed activities previously described in this syllabus.

**Reporting Illness or Absence**

Due dates and deadlines have been established and will be followed for each graded course component. 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) Extreme and unforeseeable emergency and (2) Instructor contacted prior to the due date.

**Inclement Weather**

In the event that inclement weather requires the cancellation of classes at The University of Memphis, local radio and television media will be immediately notified. Additionally, The University of Memphis has established an Inclement Weather Hotline at 678-0888 as well as LiveSafe app, an emergency alert app for participants, faculty and staff. This optional service is used in the event of an on-campus emergency, an unscheduled university closing, or a delay or cancellation of classes due to, for instance, inclement weather.

**Syllabus Changes**

The instructor reserves the right to make changes as necessary to this syllabus. If changes are necessitated during the semester, the instructor will immediately notify students of such changes both by class email communication and posting both notification and nature of change(s) on the course website.

**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