MISSION STATEMENT: The School of Business prepares a diverse student body for successful careers by offering high-quality professional business programs in a student-centered learning environment. As a teaching institution enriched by management practice-related and pedagogical scholarship and service, the School primarily serves undergraduate students while offering strategically-focused graduate programs.

COURSE NUMBER AND TITLE: IS 343 - Web-Based Business Application

CLASS MEETING TIME AND LOCATION: TR 9:30 am - 10:50 am; Cremer Hall 320

PREREQUISITES: IS 213 or IS 253 or IS 283

INSTRUCTOR AND OFFICE: Dr. Sharath Sasidharan, CH 108

OFFICE HOURS: TR 8.00 am to 9.30 am & 2.00 pm to 3.30 pm; W 1.00 pm to 3.00 pm or by appt.

TELEPHONE NUMBER(S): (620) 341-5087 (O) (620) 341-6346 (FAX)
E-mail: ssasidha@emporia.edu

REQUIRED TEXT(S): Java Software Solutions: Foundations of Program Design, 7/E
Lewis and Loftus, ISBN: 9780132149181, Addison-Wesley

SOFTWARE: Eclipse IDE for Java EE Developers, Java Development Kit (free downloads)

SUPPLEMENTAL MATERIALS:
1. JDK download [oracle.com/technetwork/java/javase/downloads/index.html]
2. Eclipse IDE for Java Developers [eclipse.org/downloads/]
3. Java tutorials [download.oracle.com/javase/tutorial/]
4. Official web design standards [w3.org/standards/webdesign/]
5. Online web tutorial [w3schools.com/]
6. Dreamweaver developer center [adobe.com/devnet/dreamweaver/]
7. Blackboard [elearning.emporia.edu]
COURSE DESCRIPTION: This course prepares the student to create and maintain web pages for personal and business purposes. Special emphasis is placed on java and vb.net business applications involving the Internet and Intranets, including electronic commerce and online stores.

COURSE OBJECTIVES:

1. To master programming logic
2. To master the principles of business software application development
3. To master Object Oriented Programming (OOP) using Java
4. To analyze and solve business problems through Java application programming
5. To analyze and design web applications
6. To develop dynamic web applications using Java-based technologies

COURSE EVALUATION PROCESS:

Course Activity Weights:  
- Homework Assignments (5) 20%
- Mid-Term Exam (1) 15%
- Final Exam (1) 20%
- Individual Project (1) 20%
- Quizzes (20) 20%
- Career Development 05%

Grading Scale:  
- 90 - 100% = A
- 80 - 89.99% = B
- 70 - 79.99% = C
- 60 - 69.99% = D
- Below 60% = F

A. **Homework Assignments** - You have to submit 5 individual assignments each carrying 4% weight towards your final grade. Assignments will be made available on Blackboard one week before the due date for submission (see Course Outline for submission dates). These are due by midnight on the Saturday of the respective week. Assignments will not be accepted after the due date/time unless you have obtained prior permission from the instructor.

B. **Examinations** - You will have a mid-term exam carrying 15% weight towards your final grade (see Course Outline for dates). The final exam will carry 25% weight. Make-up exams will be provided only if you have obtained prior permission from the instructor or have a legitimate reason for missing the exam.

C. **Project** - The individual project carries a total of 20% weight towards your final grade. Grading is based on completion of all requirements. The project details and requirements will be posted on BB the week following the mid-term exam.
D. **Quizzes** - There will be 20 unannounced quizzes (each carrying 1% weight) conducted at random over the course of the semester. These quizzes can be conducted at any time during a class meeting. They will relate to material that has been discussed in previous class sessions or to be discussed in that session (*please make sure that you go through the prescribed readings for a session in advance*). If you are absent during a quiz, no make-up quiz will be conducted unless you have a legitimate reason for not attending classes.

E. **Career Development** - There will be a 5% weight for your participation in career development activities. These will include activities such as resume preparation, participation in mock interviews, and participation in career fairs. Details will be posted on BB.

F. **Extra Credit** - You can earn extra credit of up to 3 percentage points for active participation in an ESU recognized discipline-based club or organization (e.g. the IS Club). Active participation includes attending meetings, participation in club activities, holding officer positions etc. If you intend to go in for the extra credit, let me know the club/organization, and the name of the faculty advisor by 08/23/2012. You have to submit a one-page written report at the end of the semester outlining your club-related activities. If you are unable to associate yourself with a club/organization and would like to go for the extra credit, let me know by 08/23/2011, and I will give you an alternate activity.

**ATTENDANCE POLICY:**

Students are expected to attend class regularly and roll will be taken each class meeting. Student grades will be based completely on evaluation of assignments, exams, project, and quizzes. Grades will not be directly affected by class attendance. Attendance does, however, have an indirect “cause and effect” relationship on grades. Missing 4 or more classes may result in instructor initiated withdrawal from the course.

**ACADEMIC DISHONESTY:**

At Emporia State University, academic dishonesty is a basis for disciplinary action. Academic dishonesty includes, but is not limited to, activities such as cheating and plagiarism (presenting as one’s own the intellectual or creative accomplishments of another without giving credit to the source or sources).

The faculty member in whose course or under whose tutelage an act of academic dishonesty occurs has the option of failing the student for the academic hours in question and may refer the case to other academic personnel for further action. Emporia State University may impose penalties for academic dishonesty up to and including expulsion from the university.

**CLASSROOM PROTOCOL:**

Turn off and put away (book, bag or purse) your cell phone during all class periods. If you arrive
late, sit at the back of the room. Any student using the cell phone during class will have it placed on
the instructor desk for the rest of the class period. If this situation occurs again, the student will be
dismissed from class.

DISABLED STUDENT POLICY:

Emporia State University will make reasonable accommodations for persons with documented
disabilities. Students need to contact the Director of Disability Services and the professor as early
in the semester as possible to ensure that classroom and academic accommodations are
implemented in a timely fashion. All communication between students, the Office of Disability
Services and the professor will be strictly confidential.

WITHDRAWAL POLICY:

Students who decide to withdraw and receive an automatic “W” must complete the formal
withdrawal procedure by Wednesday, October 24th 2012.
COURSE OUTLINE:

Note: Instructor discretion and circumstances during the semester may lead to revision of course content.

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<tr>
<th>Wk.</th>
<th>Week Ending (Fri)</th>
<th>Topics</th>
<th>Readings*</th>
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<tr>
<td>1</td>
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<td>Syllabus</td>
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<td>2</td>
<td>08/24</td>
<td>Programming Basics</td>
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<td>Introduction to OOP/Java</td>
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<tr>
<td>6</td>
<td>09/21</td>
<td>Classes and Objects</td>
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<td>12/14</td>
<td>FINAL EXAM WEEK</td>
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<td>Final Exam</td>
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*Chapter readings refer to the prescribed textbook. Notes refer to instructor distributed notes.

**Assignments will be made available on Blackboard one week before the due date for submission. These are due by midnight on the Saturday of the respective week.