

SEMESTER/YEAR: SPRING 2010

COURSE MEETING: Tuesday second half 6:00-8:50 P.M.

DATES: 3/9 3/16 3/23 3/30 4/6 4/13 4/20 4/27

LOCATION: MAIN-Room # REID 1320

CREDITS: 3

ISYS 302-1M Application Development

Instructor: David McNair

Work Phone: 636 797 3000 x471 Email: dmcnair@jeffco.edu
 Home: 636 861-3804
 Office hours by appointment only.

PREREQUISITE: ISYS-100, ISYS-250 (ISYS 250 can be taken during same 8-wk session)

TEXT: An Introduction to Programming using Visual Basic 2008, 7th Edition, Schneider ,
 Prentice-Hall, 2009. 9780136060727
SOFTWARE: Microsoft Visual Studio Express Edition 2008 (Free download – text DVD)
<http://www.microsoft.com/express/vb/>

Pre-Assignment –

Read and Study Chapter 1 and 2 of text book.

ISYS 302-1M Application Development

Instructor: David McNair
E-mail Address: dmcnair@jeffco.edu
Office Phone: 636 797 3000 x471

PREREQUISITE: ISYS-100, ISYS-250 (ISYS 250 can be taken during same 8-wk session)

Course Description

OVERVIEW:

Isys302 is an overview of Visual Basic with reference to controls, events, variables, relational and logical operators. The course uses basic programming concepts including Sub Procedures, loops, creating and accessing arrays and programming logic. Problem solving using Vb will be the major concern. The course provides an introduction to topics in programming and business application design, development, operation. The specific application development system used is Visual Basic Express Edition 2008 but the focus is on general application development principles in addition to developing proficiency with VB. In addition to weekly assignments related to the activities described above, students will be responsible for developing an individual application project from start to finish.

Software to be used/required

1. Internet browser compatible with D2L (IE, Firefox, Safari) Remove pop-up blockers!
2. Software plug-ins, e.g. Adobe Acrobat, Windows Media Viewer, .NET
3. MS Office 2007 Software, available in classroom, labs, trial download and bookstore

Required student computer skills

1. D2L Skills (see the student guide to D2L posted on the course site)
2. Software skills (e.g. using file compression software to zip and unzip)

EVALUATION CRITERIA:

1 Midterm Exam/Project 100 points
 1 Final Exam/Project 100 points
 6 homework assignments @ 50pts each 300 points
 Class/Discussion Participation 300 points
 Total: 800 points

Grading Scale

Your letter grade for this course is determined on the basis of the overall weighted score computed using the percentage breakdown outlined below.

<u>Letter Grade</u>	<u>Percentage</u>
A	93.00 and above
B	83.00 – 92.99
C	73.00 – 82.99
D	63.00 – 72.99
F	0 – 62.99

INSTRUCTIONAL STRATEGIES AND STUDENT RESPONSIBILITIES:

- a) Students are to prepare for each class session by reading the assigned chapters prior to class.
- b) During class sessions, the instructor will review completed assignments, discuss and demonstrate chapter concepts assigned and provide feedback on projects.

ACADEMIC ACCOMMODATIONS:

Maryville University provides accommodations and supports for students with disabilities as defined by the Americans with Disabilities Act. If you have a documented disability and wish to discuss academic accommodations, please contact the course instructor and/or the Director of the Academic Success Center located in the University Library (314-529-6850).

PEER TUTORING:

Tutoring services are available to all students free of charge in Maryville's Academic Success Center: Peer Tutors help with specific classes, study skills, and test-taking strategies.

For an appointment call 314-529-9228, e-mail peertutors@maryville.edu, or stop by the Peer Tutor Office in the University Library.

PLAGIARISM STATEMENT:

Plagiarism is taking the writings, ideas, or thoughts of others and passing them off as one's own original work. You can plagiarize without even using the exact words of the original author. If you paraphrase without crediting it, you are plagiarizing. A student can avoid plagiarizing by giving credit whenever he/she uses:

- another person's idea, opinion, or theory;
- any facts, statistics, graphs, drawings – any pieces of information – that are not common knowledge;
- quotations of another person's actual spoken or written words; or,
- a paraphrase of another person's spoken or written words.

All suspected acts of plagiarism will be investigated. Consequences for using another's work inappropriately will range from redoing the assignment to failing that assignment to failing the course.

Schedule

Week	Topic	Readings for next week
1	Chapter 1 and Chapter 2 Do from Chapter 2 #36 and #42	Chapt. 3
2	Chapter 3 Do from Chapter 3 #53 and #54	Chapt. 4
3	Chapter 4 Do from Chapter 4 Programming Projects #1 and #2 Midterm project assigned	Chapt. 5 & 6
4	Chapter 5 and chapter 6 Do from Chapter 5 Programming Project #2 and Chapter 6 Programming Project #1	Chapt. 7

Week	Topic	Readings for next week
5	Chapter 7 Do from Chapter 7 Programming Project #1 Midterm Project due Final Project assigned Meeting with Instructor on Presentation	Chapt. 8
6	Chapter 8 Do from Chapter 8 Programming Project #1	Chapt. 9 and 10
7	Do from Chapter 9 Programming Project #1 Do from Chapter 10 Programming Project #1	Final Project due
8	Presentations Final Project due	

The course management system (D2L) will be demonstrated to students during first class (with a take-home exercise). Demonstration will include how to post in discussion forum, submit to drop, and take online quizzes.

SYLLABUS CHANGE DISCLOSURE

The syllabus may be revised, at the professor's discretion. Students are responsible for noting such changes by checking the official posted syllabus on the D2L news page.