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IS 371.01: Business Applications Development

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SCHOOL OF BUSINESS ADMINISTRATION

at The University of Montana - Missoula

IS 371: Business Applications Development



Instructor: Dr. Belva Jones

Office Hours: 10:00-12:00 Tuesday and Thursday or by appointment

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The Course: IS 371 introduces Visual Basic .Net as an applications development tool. Students will learn programming concepts and will develop attractive and effective user interfaces.

Objectives: By the end of the course, students should be able to:

- Create forms for input and output
- Create common types of user interfaces such as list boxes, check boxes and option boxes
- Program sequences, loops, and decisions
- Understand the object-oriented paradigm
- Use Visual Basic built-in functions
- Debug projects
- Utilize arrays in programs
- Manage files and data
- Use VB.Net to create web applications

Text: *Programming In Visual Basic .Net* by Bradley and Millspaugh

Evaluation: Exams will be in the lab and require that the student complete projects during the exam period. Make-up exams will be given for students who can document illness or extenuating circumstances.

Please notify the instructor immediately if you must miss an exam. Homework projects will be collected and graded and are expected to be the individual's own work. You may drop your lowest homework score. **No homework will be accepted late. Partial credit will be given for incomplete homework.**

Exams	300 pts.	A:	90% or better
Projects	<u>100</u>	B:	80% to 89%
Total	400 pts.	C:	70% to 79%
		D:	60% to 69%
		F:	Below 60%

School of Business Administration Mission Statement:

The faculty and staff of the School of Business Administration at The University of Montana-Missoula are committed to excellence in innovative experiential learning and professional growth through research and service.

Tentative Course Outline

Date	Topic	Reading Assignment
9/2	Introduction to Visual Basic .Net	Ch. 1
9/4		Ch. 1
9/9	More Controls	Ch. 2; Prog. 1.4 due
9/11		Ch. 2
9/16	Variables, Constants and Calculations	Ch. 3; Prog. 2.2 due
9/18		Ch. 3
9/23	Continue Chapter 3	Ch. 3; Prog. 3.2 due
9/25		Appendix B
9/30	Exam Review	Video Bonanza Case due, p. 141
10/2	Exam	
10/7	Decisions and Conditions	Ch. 4
10/9		Ch. 4
10/14	Continue Chapter 4	Ch. 4; Prog. 4.1 due
10/16		Ch. 4
10/21	Menus, Sub Procedures, and Functions	Ch.5; VB Mail Order Case due, p. 193
10/23		Ch. 5
10/28	Lists, Loops and Printing	Ch. 7; Prog. 5.1 due
10/30		Ch. 7
11/4	Exam Review	Prog. 7.3 due
11/6	Exam	
11/11	Veteran's Day: Holiday	
11/13	Arrays	Ch. 8
11/18		Ch. 8
11/20	Accessing Database Files	Ch. 10; Prog. 8.1
11/25		Ch. 10
11/27	Thanksgiving	
12/2		Ch. 10; Prog. 10.1 due
12/4		Ch. 10;
12/9	Creating Object-Oriented Programs	Ch. 6; VB Mail Order Case (1) due, p. 448
12/11	Exam Review	Prog. 6.1 due

Final Exam (GBB L26): 10:10-12:10 Tuesday, December 16

Announcements