

Fall 9-2003

# IS 371.01: Business Applications Development

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## 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
<b>10/2</b>	<b>Exam</b>	
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
<b>11/6</b>	<b>Exam</b>	
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**