Course: CS120 Introduction to Programming
Semester: Fall 2010
Time: 9:50 MWF
Hours: 3
Location: SC017

Instructor: Assoc. Professor Clause
E-mail: clauses@moval.edu
Office Phone: (660)831-4225
Office location: SC015
Office Hours: 8:00 – 3:00

COURSE DESCRIPTION
This class is designed as an introductory programming for users with little or no programming background. Its approach is object-oriented and data-driven. It introduces sound programming techniques through hands-on exercises. It offers real world MIS and business related examples to help prepare individuals for their first job. Users learn how to plan, program, and debug Visual Basic applications using modern programming techniques.

STUDENT LEARNING OUTCOMES
1. Utilizing structured programming techniques when developing business systems.

2. Design and develop programs using the object-oriented properties of the Visual Basic programming language.

3. Complete an operational business system utilizing Visual Basic.

4. Utilize structured testing techniques to insure problem free code.

ASSESSMENT OF STUDENT LEARNING OUTCOMES
Examinations will be given at the completion of three chapters of material where the student will be question regarding their knowledge of the techniques utilized to write a concise and accurate computer program. Programs will also be assigned and evaluated for accuracy and the utilization of the techniques discussed in the chapters being discussed.

REQUIRED TEXTS
An Introduction to Programming using Visual Basic 2008
David Schneider,
Prentice Hall 2008

GRADING POLICY AND PROCEDURES
Grade Components:
4 Exams (100 Points each) 
5 Visual Basic Projects 
Total Points
Grading Scale: 90% - A, 80% - B, 70% - C, 60% - D, Below 60% - F

***** NO LATE WORK WILL BE ACCEPTED AND NO MISSED TEST CAN BE MADE UP. IF YOU ARE AWARE YOU WILL BE MISSING CLASS ON THE DAY A TEST IS GIVEN OR OR WHEN AN ASSIGNMENT IS DUE YOU NEED TO MAKE ARRANGEMENTS PRIOR TO THE TEST/DUE DATE.

Programs will be evaluated for structure and correctness as outlined in the project outline

**TENTATIVE SCHEDULE**

- **08/23/2010** Review Syllabi
  - Chapter 1 An Introduction to Computers
    - Pages 1 - 18

- **08/25/2010** Chapter 2 Visual Basic, Controls, and Events
  - Pages 19 – 60

- **09/03/2010** Chapter 3 Variables, Input and Output
  - Program Design
  - The VB Debugger
  - Pages 61 – 120

- **09/13/2010** Exam I Chapter 1, 2, & 3

- **09/15/2010** Review Exam
  - Chapter 4 Decisions
  - Program I Assigned
  - Pages 121 -166

- **09/22/2010** Chapter 5 General Procedures
  - Pages 167 – 236

- **10/01/2010** Chapter 6 Repetition
  - Program II Assigned
  - Pages 237 – 298

- **10/11/2010** Exam II Chapters 4, 5, and 6

- **10/13/2010** Review Exam
  - Chapter 7 Arrays
  - Pages 299 – 402

- **10/22/2010** Chapter 8 Sequential Files
  - Program III Assigned
  - Pages 403 – 452

- **11/01/2010** Chapter 9 Additional Controls and Objects
  - Pages 453 – 508

- **11/10/2010** Exam III Chapter 7, 8, and 9

- **11/12/2010** Review Exam
  - Chapter 10 Database Management
  - Program IV Assigned
  - Pages 509 – 544
OPTIONAL INSTRUCTOR POLICIES

Instructors Attendance Policy: Any Student that misses 5 classes will have his/her grade dropped 1 letter grade, A student missing 10 classes will receive a failing grade for the course

STUDENT CODE OF CONDUCT

It shall be the responsibility of every student enrolled at Missouri Valley College to support the academic integrity of the institution. This applies to personal honesty in all aspects of collegiate work, all student records, and all contacts with faculty and staff. Academic dishonesty will not be tolerated.

It shall also be the responsibility of every student enrolled at Missouri Valley College to be respectful of the right of other students, staff, and instructors to ensure a safe, peaceful atmosphere conducive to the educational goals of an institution of higher learning. Rude or disruptive behavior will not be tolerated.

Student actions that do not adhere to the MVC Student Code of Conduct will be addressed according to College policies regarding academic dishonesty and disruptive behavior. Students who exhibit dishonest, disruptive, or disrespectful behavior risk suspension or expulsion from the institution.

ACADEMIC DISHONESTY

Faculty create an environment conducive to honest student work through clear communication of expectations. In the case of suspected academic dishonesty, the faculty member deals with and documents the situation as they deem appropriate. Each documented incident is put in the student’s file in the office of the Chief Academic Officer. Documentation will include the student response to the incident. After three offenses, the CAO, the faculty member(s), and the student meet to discuss the consequences. Consequences include, but are not limited to, course failure or dismissal from school.

ATTENDANCE POLICY

Attendance is expected and required at each class meeting.

Any student who misses two consecutive weeks of class or has missed 50% of class periods by mid-term may be administratively withdrawn from class. If the withdrawal takes place within the first 6 weeks of class, the student will receive a grade of “W”. If the withdraw takes place after the 6th week of class, the student will receive a “WF” or “WP”. The student will be notified of this action by the Registrar’s Office. Readmission will be considered only for extenuating circumstances as approved by the Chief Academic Officer and Registrar. In such cases, where readmission is approved, a readmit fee of $350 will be charged. If a student drops below full-time status of 12 hours, financial aid may be adversely affected. Resident students dropping below 12 hours will be asked to move out of campus housing.

ADA STATEMENT
The College seeks to comply fully with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. The ADA Coordinator works with the programs to assist the faculty in understanding and implementing accommodations.

Students with disabilities should have documentation of their disability sent to the campus ADA coordinator, Jamie Gold, Baity Hall, Room 206, 831-4170, and set up an appointment as soon as they arrive on campus. Failure to do so could delay accommodations. After proper documentation, reasonable efforts will be made to accommodate students’ needs. If you have any questions about how to initiate this process, please contact your instructor.