A201 - Introduction to Programming I
Visual Basic .Net (4 cr.)

- Fundamental programming constructs:
  - Arithmetic operators,
  - Loops,
  - Conditions,
  - Procedures and functions,
  - Arrays,
  - Structures, classes and objects,
  - Files and Databases
Course Structure

- This course consists of approximately **13 units/parts**.

- Each **unit has several resources associate with it**.
Resources for each Unit

To help you learn each unit:

1) **Prerequisite reading** (These come from the textbook and/or the notes provided by the instructor)

2) **Lecture** (Powerpoint and video)

3) **Quiz** (A set of questions which should be answered by you in order to demonstrate the understanding of the prerequisite reading material as well as those topics covered in the video)

4) **Hands-on laboratory** (exercise which reinforces the understanding of those topics and prepare you for assignments).
Grading

- Course grading is determined as follows:
  - Assignments (45 %)
  - Labs (10%)
  - Tests (45 %)
Assignments and Labs

- The course includes approximately 5 assignments.
- The course also includes approximately 20 laboratories.
- On the average you need to complete four labs and one assignments every two weeks.
- Labs and Assignment must be completed and submitted via the OnCourse DropBox), before you proceed to the next unit.
Quizzes and Exams

- The course includes approximately one quiz per unit. Quizzes are for your benefit only. They help you assess your understanding of the material. The quiz grades do not count toward your course grade. Quizzes are typically taken during or after completing a course component. You can retake a quiz as many times as you wish.

- The course will also have 2 tests. The tests dates are indicated in the Syllabus, and will also be announced approximately one week in advance. You must be present at IUSB in order to take these tests.
Participation and Engagement

- Taking an on-line course can be a lonely experience. In order to help you engage in this course, we want you to participate in chat sessions, post questions (or answers) to the bulletin board, attend on-line or on-campus tutoring, and participate in on-line meeting.
How can I get help?

There are a number of different resources that can help you succeed in this course. These include:

- The course web site
- Lecture notes
- Video Lectures
- FAQ page
- On-campus tutoring (check for availability)
- Online tutoring (check for availability)
- Instructor’s regular office hours (Walk-in)
- Instructor’s online office hours (Virtual office hours)
- Chatroom interaction with other students and the instructor
- Sample code
Is an on-line course for me?

Answer the following questions as YES or NO:

☐ 1) I am often late to my classes. With an on-line course, I don’t have to be on time or deal with any deadlines.
   - Yes
   - No

☐ 2) I work full-time and don’t have much time for studying. An on-line course will be easier for me.
   - Yes
   - No
Is an on-line course for me?

If you answered YES to any of the above questions, then you may want to reconsider taking this online course.
Is an on-line course for me?

Answer the following questions as YES or NO:

- 3) I really like to attend college but I am too far way.
  - Yes
  - No

- 4) I am self-motivated and a hard worker.
  - Yes
  - No

- 5) I have a curious mind. I like to read, experiment, and learn new things.
  - Yes
  - No

- 6) I am willing to dedicate at least 15 hours per week for this class.
  - Yes
  - No
Is an on-line course for me?

If you answered **YES** to questions 3 through 6, then this is the right course for you.
What will I need to begin the course?

- Need an IUSB network account.
- Need access to a home computer with high-speed internet, microphone, speakers, and an optional webcam.
- **Mathematical literacy.** (e.g. Knowledge of high school algebra.)
- **Computer literacy.** (basic use of the web, sending email with attachments, installing software, creating and navigating folders.)
Academic Integrity

- It is the responsibility of the student to know of the prohibited actions such as cheating, fabrication, plagiarism, academic, and personal misconduct, and thus, to avoid them.

- All students are held to the standards outlined in the code. Please reference the entire code for a complete listing (http://studentaffairs.indiana.edu/student-advocates/responding-to-misconduct/academic-misconduct.shtml). Any violation may result in serious academic penalty, ranging from receiving a warning, to failing the assignment, to failing the course, to expulsion from the University.

- There is no statute of limitations on academic dishonesty. If you complete this course successfully, receive a passing grade, and then give your work to some other student to hand it as their own, then your course grade will be changed to F.