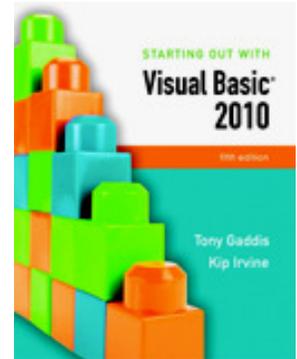


## GENERAL INFORMATION FOR CS 115

**COURSE DESCRIPTION:** An introductory course in programming using VB.NET. No previous programming experience is expected. Topics include designing, creating and debugging interactive, event-driven programs with a graphical user interface and developing problem-solving.



**COURSE OBJECTIVES:** Upon successful completion of the course, students will be able to:

- Use correct syntax and structure of the Visual Basic language.
- Design an appropriate User Interface for a simple Visual Basic application.
- Analyze problems typical of the business, scientific or home environment and to formulate solutions in quantitative terms capable of computer solution.
- Design algorithms typically used in computer programming.
- Lay out a flow chart for a typical algorithm.
- Utilize Sequence, Selection and Iteration constructs in the design of solutions.
- Design, code, correct, test and execute a Visual Basic program.

**PREREQUISITE:** MATH 090 or MATH 095 or CIS 114, with a grade of 2.0 or higher, or instructor's permission.

**MEETINGS:** MTWTh 11:30-12:20 in SNH 104 and MW 12:30-1:20 in SNH 104.

**OFFICE HOURS/CONTACT:**

Office: ALD 269; phone: (425) 640-1861; e-mail: [nculevsk@edcc.edu](mailto:nculevsk@edcc.edu).  
Office Hours: TTh 12:30-2:20, F 9:30-10:20 or by appointment.

**REQUIRED TEXTBOOK:** [Starting Out with Visual Basic 2010](#), by Tony Gaddis and Kip Irvine, 5<sup>th</sup> edition (Pearson, 2011, ISBN-10: 0136113400, ISBN-13: 9780136113409).

**ADDITIONAL TEXTBOOK (not required):**

[Visual Basic 2010 How To Program](#), by H.M. Deitel, P.J. Deitel, Pearson Education, Upper Saddle River, New Jersey, 2011, ISBN: 0132152134.

**GRADING RULES:**

1. Two Exams. 50%
2. Three Projects. 50%
3. Grades - see to the right.
4. No incompletes will be given unless there are EXTRAORDINARY circumstances.
5. There are no make-up exams, unless you provide prior notification and verifiable, written evidence for **serious** medical emergency.
6. Extra credit problems may be assigned (these are optional).
7. As instructor, I reserve the right to change any of the above rules at any time (however, I most probably won't).

Lower Bound %	Grade Point						
95.0	4.0	84.2	3.1	73.4	2.2	62.6	1.3
93.8	3.9	83.0	3.0	72.2	2.1	61.4	1.2
92.6	3.8	81.8	2.9	71.0	2.0	60.2	1.1
91.4	3.7	80.6	2.8	69.8	1.9	59.0	1.0
90.2	3.6	79.4	2.7	68.6	1.8		
89.0	3.5	78.2	2.6	67.4	1.7		
87.8	3.4	77.0	2.5	66.2	1.6		
86.6	3.3	75.8	2.4	65.0	1.5		
85.4	3.2	74.6	2.3	63.8	1.4		

**EXAMS/PROJECTS/HMW/LABS:**

1. There are two exams: a mid-term and a final. Each counts for 25% of your grade and no makeup is offered for either one. They consist of 50 multiple-choice questions, must be taken in class on specific dates (see syllabus) and are timed. Please make sure no mishaps happen during the taking of the exams.
2. Lab #1 and #2 are required to be submitted as zipped files in Blackboard before the due date. No other labs, except Lab #1 and Lab #2, need to be submitted as they are not graded. However, you are strongly encouraged to complete them, as they are often your “life-line” to the projects.
3. **You are not required to submit the homework assignments, but you do not stand a chance in passing this course unless you do them regularly and completely.** Each homework contains a link to a site that you are encouraged to visit and explore. You should comment on its layout, ease of use, content, etc., in Blackboard’s Discussion forum. Very often these sites are valuable resources and you should use them to supplement your text and lessons.
4. There are three programming projects to be completed *individually*—all three count for 50% of your grade.
  - ✧ They must be zipped and submitted electronically in Blackboard before due. Please make sure that you attach the zipped project file that contains the entire project with all files and folders by clicking on the project link. Alternatively, you can bring the project to class on the due date saved on appropriate medium (usb flash pen, CD,...). Please make sure your zipped file contains all of the projects’ files **and that it has been scanned for viruses.**
  - ✧ The projects should be identified with at least your name, class and project name, and it should contain all pertinent files in appropriate folders. Here is a good naming example for project 1: Culevski\_CS115CA\_Music\_Store.zip.
  - ✧ Turning a project one day late will cost you 20% of the project’s points; two days late costs 30%. Projects late for more than two days are not accepted. **A project is late if it is not submitted by midnight of the due date.**

**REQUIRED MATERIALS:** For this course you will need the following products and competencies:

- A relatively fast PC with vast memory and a large hard drive (I recommend at least Pentium 4, 1.8GHz or faster with at least 2GB RAM memory, and at least 200GB hard drive).
- Microsoft Windows 7, Microsoft Windows XP (Home or Professional), Microsoft Windows Vista or Microsoft Windows 2000 (Professional or Server) with the latest updates (SP4 for Windows 2000 at the time of this writing), or Microsoft Windows 2003.
- A Web browser - Google Chrome, Mozilla Firefox, Avant Browser, Safari, Opera or Internet Explorer - version 6.0 or higher. Blackboard seems to work best with Firefox.
- An EdCC edmail account and the knowledge of how to send and receive email with attachments.
- The ability to connect uninterruptedly to the Internet, to navigate the Web (use a browser), and handle multiple open windows.
- The ability to zip, unzip, open, close, and save files ([WinZip](http://www.winzip.com/ddchomea.htm)—<http://www.winzip.com/ddchomea.htm> or some other packing/unpacking utility—I prefer the free version of [UltimateZip](http://www.ultimatezip.com/)—<http://www.ultimatezip.com/>).
- Familiarity with the Blackboard 8 system (see <http://support.blackboard.com/>).
- MS Office, and [Adobe Reader](http://www.adobe.com/products/acrobat/readstep2.html)—<http://www.adobe.com/products/acrobat/readstep2.html>.
- Student resources for the text are found at <http://www.pearsonhighered.com/educator/product/Starting-Out-With-Visual-Basic-2010/9780136113409.page>.

- Visual Basic.NET 2010. Your textbook should contain Visual Basic 2010 Express CD or DVD, a free lightweight VB.NET edition that will suffice for this class. You need to install this software but make sure you read the Before You Begin section in your text before you do so. Alternately you can download Visual Studio 2010 Express from the Microsoft site <http://www.microsoft.com/express/>.
- Toll-free technical support (24/7 service) for BlackBoard is located at <http://blackboard.edcc.edu>. (Click on the HELP button located on the top of the page).
- Successful completion of student responsibilities in this class requires access to BlackBoard via an Internet browser. You are expected to login to the BlackBoard classroom at least 5 times per week. Instructions for access to BlackBoard may be located online at the following address: [http://online.edcc.edu/study/Bb\\_login.html](http://online.edcc.edu/study/Bb_login.html).
- Plagiarism and use of cell phones and other electronic devices in class will not be tolerated.

### **RECOMMENDATIONS:**

1. Check for announcements and assignments on daily basis. Attendance is not part of this course—but do practice daily visits to your **Blackboard**—<http://blackboard.edcc.edu/> site. Allocate at least two hours per day for work on assignments.
2. Keep a record and copies (on your hard drive or zip disk or USB Flash Disk) of your labs, projects, notes and homework assignments—you are not required to submit the homework assignments, but their completion is imperative for success in this class.
3. Read the text, the lessons, articles, homework links, and any other valuable sources.
4. Memorize important identities, definitions, and results.
5. Copy the code examples from your text and create a work folder on your hard drive.
6. Participate avidly and regularly in the Discussion Board—this means that you should post questions and answers (as well as comments) in the appropriate threads of the Discussion Board. Please don't wait until the end of the quarter to post all of your comments on homework links.
7. Do all the required homework assignments, tutorials, labs and projects on timely fashion.
8. There are over 400 computers on the Edmonds CC campus. See [www.edcc.edu/library](http://www.edcc.edu/library) for computer locations.
9. Ask questions and seek help when puzzled.



### **MISCELLANEOUS RULES:**

1. It is your responsibility to withdraw before the appropriate deadlines.
2. Pay attention to important dates from the **Academic Calendar**—<http://calendar.edcc.edu/academic.php> and from the class syllabus.
3. Cheating, impersonation, and plagiarism are academically intolerable and a violation of standards of student conduct. The academic honesty policy of ECC will be strictly enforced.
4. If you have a medical problems which might interfere with your class, you need to disclose it and the action you need to take if the problem occurs during class, the name and telephone number of your physician and/or names and numbers of people who can be called to take you home or to a place designated for your care.
5. If you require an accommodation for a disability, please contact Services for Students with Disabilities, MLT 159, (425) 640-1320, [ssdmail@edcc.edu](mailto:ssdmail@edcc.edu).

**STUDENT RESOURCES:**

1. Learning Support Center. Mukilteo 113. (425) 640-1750
2. Multicultural Services Center. Mountlake Terrace Hall 122. (425) 640-1538
3. Counseling Center. Mountlake Terrace Hall 123. (425) 640-1358
4. Bookstore. Mountlake Terrace Hall, 1<sup>st</sup> floor. (425) 640-1672.
5. Campus Safety. Mountlake Terrace Hall 102. (425) 640-1501.
6. Services for Students with Disabilities. Woodway Hall 114. (425) 640-1320.
7. Student Career and Employment Services. North Campus Complex. (425) 640-1445.
8. Women's Program. Triton Union 132. (425) 640-1309.
9. Student Services on-line at <http://www.edcc.edu/stulife>.
10. Career Action Center at <http://careeractioncenter.edcc.edu>.
11. You can sign up to receive email or text notifications of college closures or delayed openings due to weather or other emergencies at <http://www.schoolreport.org/>. You can also call the college's switchboard at 425.640.1459
12. Academic Calendar: [http://calendar.edcc.edu/\\_academic.php](http://calendar.edcc.edu/_academic.php)
13. Advising: [www.edcc.edu/advising](http://www.edcc.edu/advising)
14. College Policies and Procedures: <http://catalog.edcc.edu>
15. Counseling and Resource Center: [www.edcc.edu/counseling](http://www.edcc.edu/counseling)
16. Distance Learning Office: [www.edcc.edu/online](http://www.edcc.edu/online)
17. Diversity Student Center: [www.edcc.edu/dsc](http://www.edcc.edu/dsc)
18. Learning Support Center: [www.edcc.edu/lsc/Tutoring\\_Center.php](http://www.edcc.edu/lsc/Tutoring_Center.php)
19. Library, including online resources: [www.edcc.edu/library](http://www.edcc.edu/library)
20. Office of Student Life: [www.edcc.edu/stulife](http://www.edcc.edu/stulife)
21. Student Printing Guidelines: [www.edcc.edu/acs/Printing](http://www.edcc.edu/acs/Printing)
22. Student Services: [www.edcc.edu/support](http://www.edcc.edu/support)