



**SYLLABUS**  
**CIS 150 Introduction to Computer Logic and Programming 3 Hrs.**  
**Summer 2015**  
**Course Information**

Prerequisite(s)	MTH 100 or MTH 116 or equivalent placement.
Course Description	This course includes logic, design and problem solving techniques used by programmers and analysts in addressing and solving common programming and computing problems. The most commonly used techniques will be covered and students will be expected to apply the techniques to designated situations and problems. [An analogy is as follows: you are to learn each of the tools (hammer, saw, wrench, screwdriver, etc.) in your toolbox, what to call them, and the best use for each. Once you learned each of the tools, you will be expected to construct a bookcase, a dog house, a tool shed, etc.].
Student Learning Outcomes	The five general education areas for the college are mathematical skills, computer skills, writing skills, oral communication skills, and critical thinking skills. Students will be able to use elementary algorithms for sorting and searching. Solve problems and develop algorithms using control structure, abstractions of sequence, selection and repetition, following a disciplined approach. Develop, interpret and translate an algorithm using a design tools. Use procedural abstraction, top down algorithmic design, and step wise refinement methods.
Class days and time	As published in the Official School Schedule.
Campus and Class location	Martin Campus Room Number 2361
Last Date of Withdrawal	Full Term: Friday, July 17, 2015
Make-up policy	NOTE: The manner in which make up work, test(s), or assignments will be given for excused absences, as allowed by the Standard College Policies, shall be left solely to the discretion of the instructor.
Final Examination	The final examination date and time as published in the SSCC schedule.
Tutors	“Shelton State Community College is dedicated to the success of its students. To further that goal, free tutoring is available to all currently enrolled students. If you need additional assistance to succeed, contact Annette Cook at <a href="mailto:acook@sheltonstate.edu">acook@sheltonstate.edu</a> . If you have a disability and need accommodations to help you be successful, contact Michele Minor at <a href="mailto:m.minor@sheltonstate.edu">m.minor@sheltonstate.edu</a> or visit her in the Office of Specialized Student Services.”
Emergency Preparedness and Sexual Misconduct	Shelton State Community College continues to be committed to a safe teaching and learning environment for students and employees. In an effort to further strengthen efforts at keeping the College Community free from weapon related violence and to eradicate sexual misconduct crimes and infractions, SSCC has recently enacted the following policies that address these areas specifically. Sexual misconduct is an often underreported crime and victims should be aware that SSCC has a confidential process in place for reporting such actions and for helping victims identify resources for assistance. Links to these policies and other important emergency preparedness related topics may be found on the college website: <a href="http://www.sheltonstate.edu/discover/sscc/emergency_preparedness.aspx">http://www.sheltonstate.edu/discover/sscc/emergency_preparedness.aspx</a> .

## Instructor Information

Instructor	<b>Scott Miller</b>		
Instructor's E-mail and phone number	email: <a href="mailto:smiller@sheltonstate.edu">smiller@sheltonstate.edu</a>	Phone: (205) 391-2428	Office: 2623
Student hours and location for Student Hours	As posted on your instructor's office door.		
Division Chair's E-mail and phone number	Division Chair: Ashley McLeod email: <a href="mailto:amcleod@sheltonstate.edu">amcleod@sheltonstate.edu</a>	Phone: (205) 391-5863	Office: 2513

## College Policy Information

Academic Misconduct	<b>Students are expected to be honorable in all college assignments. Suspected cases of academic misconduct are reported to the Dean of Academic or Technical Services.</b> You may refer to the current SSCC Catalog for specific policies and procedures regarding academic misconduct.
Attendance Policy	<b>SSCC Attendance Policy:</b> Students are expected to attend all classes for which they are registered, to be prompt, and to remain in class/lab for the entire time. Attendance will be recorded at every class/lab meeting. On the final grade report, instructors are required to identify the last day of attendance for all students who receive a grade of "F" or "U." Students who are unable to attend class regularly, regardless of the reason or circumstance, should withdraw from the class. Withdrawal from class can affect eligibility for federal financial aid. If a student is unable to attend at least 80 percent of class meetings, regardless of the reason or circumstance, it is recommended that the student withdraw from that class; excessive absences interfere with the student's ability to successfully complete the course.
Standard College Policies	The college catalog and website detail standard college policies for all teaching and learning activities. This class syllabus is intended to give further detail about the policies and expectations in <i>this</i> class. Students are expected to be aware of and abide by College policies in every class.
Student Email (Bucs Mail)	All students who are or have been registered for classes at Shelton State Community College are provided an e-mail account. Students who are currently registered must have an e-mail account. Electronic mail is the official method of communication for delivery of information. Shelton State designated communicators may use this e-mail account to send official communications to the student body. Student e-mail addresses will be recorded in the college's electronic directories and records. To activate/sign in to your Bucs Mail account, visit the Bucs Mail icon at <a href="http://www.sheltonstate.edu">www.sheltonstate.edu</a> .
Quality Enhancement Plan	<b>Shelton State's Quality Enhancement Plan (QEP)</b> <i>Improving Student Success in Online Classes</i>

## Grading:

Letter grades will be assigned according to the following:

<i>Percentage Grade</i>	<i>Letter grade</i>
90-100	A
80-89	B
70-79	C
60-69	D
59 and below	F

<b>Due date for submitting work and taking tests:</b>	<b>As scheduled with the instructor.</b>
<b>Last date to withdraw:</b>	<b>Friday, July 17, 2015</b>
<b>Students are responsible for keeping a current backup copy of all of their work.</b>	

<b>Instructional Topics</b>	
<b>Introduction to number systems.</b>	
<b>Fundamental statements in QBasic</b>	
<b>Data types in QBasic</b>	
<b>Input and Output</b>	
<b>Control Structures – Decision Structures – IFs and SELECT CASE</b>	
<b>Control Structures – Loop Structures</b>	
<b>Arrays</b>	
<b>Structures – Custom data types in QBasic</b>	
<b>SUBROUTINES and FUNCTIONS</b>	
<b>Standard Qbasic Functions</b>	
<b>Semester Exams</b>	<b>Percentage of Final Course Grade</b>
<b>Mid Term Exam</b>	<b>40 %</b>
<b>Final Exam</b>	<b>60 %</b>

This course outline and the dates established therein are tentative, and the instructor reserves the right to change them.

**NOTE:** Errors do occur in the recording or calculation of grades. If you have any question regarding your grade, please contact the instructor. You should keep all work from the course and all queries should be made no later than the end of the next semester.

The College does not discriminate on the basis of race, color, national origin, sex, disability, or age in its admissions, programs, and services in compliance with Title VI and VII of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, Title IX of the Educational Amendments of 1972, and the Americans with Disabilities Act of 1990. - See more at:

[http://www.sheltonstate.edu/discover\\_sscc/eoc\\_statement.aspx#sthash.ZEfKOVpJ.dpuf](http://www.sheltonstate.edu/discover_sscc/eoc_statement.aspx#sthash.ZEfKOVpJ.dpuf)