

	<b>Course</b>	CS 1136 Computer Science Laboratory
	<b>Professor</b>	Don Vogel
	<b>Term</b>	Fall 2016
		Various sections and lab rooms. See the table at the bottom of the syllabus for details.

### Professor's Contact Information

<b>Office Phone</b>	972-883-3551
<b>Office Location</b>	ECSS 2.103A
<b>Email Address</b>	don.vogel@utdallas.edu
<b>Office Hours</b>	Monday and Wednesday: 11:00 am – noon 1:00 pm – 2:00 pm Available by appointment for other times

### General Course Information

<b>Co-requisites</b>	CS 1336 is a co-requisite for this course
<b>Course Description</b>	<p><b>Computer Science Laboratory</b> Introduction to computers. Primitive data types, variable declarations, variable scope, and primitive operations. Control statements. Methods/functions. Arrays, and strings using primitive data arrays. Output formatting. Debugging techniques.</p> <p>Designed for students with no prior computer programming experience. This class cannot be used to fulfill degree requirements for majors in the School of Engineering and Computer Science.</p>
<b>Learning Outcomes</b>	<ul style="list-style-type: none"> <li>• Ability to develop algorithmic solutions for use on computers</li> <li>• Ability to perform console input and output, utilize basic operators, and perform sequential processing</li> <li>• Ability to utilize the basic control structures for selection</li> <li>• Ability to utilize the basic control structures for repetition logic</li> <li>• Ability to perform sequential file input and output</li> <li>• Ability to develop programs in a functional form</li> <li>• Ability to process data in arrays</li> </ul>
<b>Text</b>	None. You can bring your text book for the CS 1336 class and use it as a reference in the labs.
<b>Suggested Text and Materials</b>	<ul style="list-style-type: none"> <li>• Starting Out with C++, From Control Structures through Objects (8th edition); Gaddis, Tony; Addison-Wesley Publishing. ISBN 978-0-13-376939-5</li> <li>• C++ language tutorial: <a href="http://www.cplusplus.com/files/tutorial.pdf">http://www.cplusplus.com/files/tutorial.pdf</a></li> <li>• C++ reference: <a href="http://www.cppreference.com">http://www.cppreference.com</a></li> <li>• C++ tutorial: <a href="http://www.learncpp.com/">http://www.learncpp.com/</a></li> </ul>

**Tentative Class Schedule** (all dates are subject to change at the discretion of the instructor). **Your CS 1336 class (the lecture class) should be the one specified in the table at the end of this syllabus.**

<b>Week of</b>	<b>Description</b>	<b>Lesson</b>
Week of August 22	Cover syllabus and course structure	Cover Syllabus
Week of August 29	Open tutoring	If you can, start lesson 1 to get ahead
Week of September 05	Intro to eLearning & a C++ IDE	Cover Syllabus
Week of September 12	Introduction to C++	If you can, start lesson 1 to get ahead
Week of September 19	Open tutoring	Lesson 1 (except Monday classes)
Week of September 26	The cin and cout Objects	Lesson 1 (Monday classes) and Lesson 2 (all)
Week of October 03	Boolean Operations & Decisions	No lesson assigned this week - start on lesson 3
Week of October 10	Nested Decisions	Lesson 3
Week of October 17	while, do-while, and for Loops	Lesson 4b
Week of October 24	Open tutoring	Lesson 5b
Week of October 31	Nested Loops & File I/O	Lesson 6b
Week of November 07	Functions	No lesson assigned this week - start on lesson 7b - the lab room will be closed on October 29
Week of November 14	Functions continued	Lesson 7b
Week of November 21	Open tutoring / Thanksgiving Holiday	Lesson 8b
Week of November 28	Arrays	Lesson 9b
Week of December 05	Arrays	No lesson assigned this week - start on lessons 10 and 11
December 08	Study day	
December 09	Exams start (there is no exam for CS1136)	

**Important Dates (Preliminary).** All project and homework due dates will be posted to eLearning. Any changes to test dates and times will be posted on eLearning.

<b>August 22</b>	Classes start
<b>September 5</b>	Labor Day (School Closed)
<b>September 7</b>	Census Day, Last day to drop a class without a "W"
<b>October 27</b>	Last Day to Withdraw

## Course Policies

<b>Make-up Work</b>	Lesson 11 can replace any one lower lesson grade																						
<b>Extra Credit</b>	A few of the assignments may have extra credit.																						
<b>Late Work</b>	You should have your labs completed by the end of your lab session. You are, however, given a grace period of two days after your lab to submit your assignments. The date on eLearning includes the two grade days. No assignments are accepted after the due date (the date and time on eLearning). Your labs will be due at 11:59:59 PM. If it is even one second late you will get a zero. It is your responsibility to make sure you have submitted the correct files in the correct place by the due date. Failure to do this will result in a grade of zero.																						
<b>Your Work</b>	<p>All work you submit must be your work. If you ask others for help (other students, the mentor center, etc.) you must ensure that you submit only work that you have, personally, performed. Group submissions are not allowed. Some code will be given to you as part of the assignment, you can use that code as needed and don't have to rewrite it.</p> <p>Most lab lesson assignments will be checked for plagiarism. Any homework or project assignments found to be very similar to each other will be reported to the Judicial Affairs Committee and I will accept their decision in regards to the grade.</p>																						
<b>Class Attendance</b>	Very strongly suggested. You will do better in this class if you attend the lab sessions. If you cannot make your lab session see if there is another one you can attend. Your due date will still be the one for your lab session.																						
<b>Tutoring</b>	For programming assistance in CS1136, you should first work with the lab assistants in the lab sessions. There is also a tutoring lab that will be maintained. The schedule usually comes out a couple of weeks after the semester begins. Once the tutoring schedule for this semester has been released, an announcement will be posted on eLearning. I'll be happy to help as well.																						
<b>Classroom Citizenship</b>	Professional at all times																						
<b>Grading (credit) Criteria</b>	<p><b>Grading Policy</b></p> <p>Lab lessons 100% of your grade</p> <p><b>Grading:</b></p> <table border="1"> <tr> <td>A+</td> <td>97 and above</td> </tr> <tr> <td>A</td> <td>93 - 96 (93 or more and less than 97)</td> </tr> <tr> <td>A-</td> <td>90 - 92 (90 or more and less than 93)</td> </tr> <tr> <td>B+</td> <td>87 - 89 (87 or more and less than 90)</td> </tr> <tr> <td>B</td> <td>83 - 86 (83 or more and less than 87)</td> </tr> <tr> <td>B-</td> <td>80 - 82 (80 or more and less than 83)</td> </tr> <tr> <td>C+</td> <td>77 - 79 (77 or more and less than 80)</td> </tr> <tr> <td>C</td> <td>73 - 76 (73 or more and less than 77)</td> </tr> <tr> <td>C-</td> <td>70 - 72 (70 or more and less than 73)</td> </tr> <tr> <td>D</td> <td>60 - 69 (60 or more and less than 70)</td> </tr> <tr> <td>F</td> <td>Below 60</td> </tr> </table>	A+	97 and above	A	93 - 96 (93 or more and less than 97)	A-	90 - 92 (90 or more and less than 93)	B+	87 - 89 (87 or more and less than 90)	B	83 - 86 (83 or more and less than 87)	B-	80 - 82 (80 or more and less than 83)	C+	77 - 79 (77 or more and less than 80)	C	73 - 76 (73 or more and less than 77)	C-	70 - 72 (70 or more and less than 73)	D	60 - 69 (60 or more and less than 70)	F	Below 60
A+	97 and above																						
A	93 - 96 (93 or more and less than 97)																						
A-	90 - 92 (90 or more and less than 93)																						
B+	87 - 89 (87 or more and less than 90)																						
B	83 - 86 (83 or more and less than 87)																						
B-	80 - 82 (80 or more and less than 83)																						
C+	77 - 79 (77 or more and less than 80)																						
C	73 - 76 (73 or more and less than 77)																						
C-	70 - 72 (70 or more and less than 73)																						
D	60 - 69 (60 or more and less than 70)																						
F	Below 60																						

<b>Comet Creed</b>	<i>This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:</i>  <i>“As a Comet, I pledge honesty, integrity, and service in all that I do.”</i>
<b>Additional Policies</b>	Please visit <a href="http://go.utdallas.edu/syllabus-policies">http://go.utdallas.edu/syllabus-policies</a> for other policies

*Descriptions and timelines are subject to change at the discretion of the Professor.*

**If your lab section does not match the CS 1336 section you are in you will be responsible for doing the labs in this class even if you have not covered the topics in your CS 1336 class. To avoid this you need to be in the correct lab section for the lecture course you are taking.**

<b>Lab Section</b>	<b>Lab Room</b>	<b>Lecture Class Section</b>
CS 1136.101	ECSS 2.103	CS 1336.001
CS 1136.105	ECSS 2.103	CS 1336.005
CS 1136.110	ECSS 2.103	CS 1336.010
CS 1136.119	ECSS 2.103	CS 1336.501