

	Course	CS 1337 Computer Science I
	Professor	Don Vogel
	Term	Spring 2015
		Section .006 Tuesday & Thursday : 4:00p m – 5:15pm Class Room Location: ECSS 2.312

Professor's Contact Information

Office Phone	972-883-3551
Office Location	ECSS 2.103A
Email Address	don.vogel@utdallas.edu
Office Hours	Tuesday & Thursday: 2:00pm – 3:30pm Wednesday: 2:30pm – 4:00pm

General Course Information

Prerequisites	CS 1336 is a prerequisite for this course
Course Description	Programming Fundamentals Review of control structures and data types with emphasis on structured data types. Applies the object-oriented programming paradigm, focusing on the definition and use of classes along with the fundamentals of object-oriented design. Includes basic analysis of algorithms, searching and sorting techniques, and an introduction to software engineering.
Learning Outcomes	<ul style="list-style-type: none"> • Ability to use single and multi-dimension arrays • Ability to implement linear and binary searches • Ability to implement simple sorting algorithms • Ability to implement structured data types • Ability to define and implement a class • Ability to use fundamentals of object-oriented design
Text	Starting Out with C++, From Control Structures through Objects (8th edition); Gaddis, Tony; Addison-Wesley Publishing. ISBN 978-0-13-376939-5
Suggested Materials	<ul style="list-style-type: none"> • C++ language tutorial http://www.cplusplus.com/files/tutorial.pdf • C++ reference: http://www.cppreference.com • C++ tutorial http://www.learncpp.com/

Tentative Class Schedule (all dates are subject to change at the discretion of the instructor)

Week of	Tuesday	Thursday
Week of January, 12	Syllabus introduction and review of C++	Chapter 7 review
Week of January, 19	Chapter 8	Chapter 8
Week of January, 26	Chapter 9	Chapter 9
Week of February, 02	Chapter 9	Chapter 10
Week of February, 09	Chapter 10	Chapter 11
Week of February, 16	Chapter 11	Chapter 12
Week of February, 23	Chapter 12	Chapter 13
Week of March, 02	Chapter 13	Test 1 (Ch 3 - 12) - March 5
Week of March, 09	Chapter 13	Chapter 14
Week of March, 16	Spring Break	Spring Break
Week of March, 23	Chapter 14	Chapter 14
Week of March, 30	Chapter 15	Chapter 15
Week of April, 06	Chapter 15	Test 2 (ch 13 - 15) - April 9
Week of April, 13	Chapter 16	Chapter 16
Week of April, 20	Chapter 18	Chapter 19
Week of April, 27	Chapter 19	Chapter 19
Week of May, 04	Finals Week: Test 3 TBD	Finals Week: Test 3 (ch 16, 18 and 19) TBD

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.

January 19th	No class -- MLK
March 11th	Exam 1 (during class time; in testing center)
March 16th & 18th	No class – Spring Break
April 9th	Exam 2 (during class time; in testing center)
TBD	Exam 3

Course Policies

Make-up Work	Not allowed
Extra Credit	None
Late Work	25% reduction in grade per day for any late submissions. If you believe that you have a valid excuse for your work being late then you must make arrangements with the instructor BEFORE the due date. In no cases will lab submissions be accepted more than two weeks after the original due date.
Class Attendance	Part of homework and attendance score
Classroom Citizenship	Professional at all times
Grading (credit) Criteria	Grading Policy Homework, pop quizzes, and attendance – 15% Exam 1 – 20% Exam 2 – 15% Exam 3 – 20% Projects – 30% (6 projects, each worth 5%) Grading:
	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
Comet Creed	<p><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></p> <p><i>“As a Comet, I pledge honesty, integrity, and service in all that I do.”</i></p>
Additional Policies	Please visit http://go.utdallas.edu/syllabus-policies for other policies

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