

	Course	ECS1336.009
	Professor	Dr. Richard Min (Ph.D., MBA, MS, MDiv, STM)
	Term	Fall 2014
	Meetings	Monday & Wednesday 2:30PM-3:45PM in ECSS2.203

Professor's Contact Information

Office Phone	972-883-4522
Office Location	ECSS 3.609
Email Address	Richard.Min@utdallas.edu
Office Hours	Monday & Wednesday 1:30pm – 2:30pm Tuesday & Thursday 2:30pm – 4:30pm

General Course Information

Pre-requisites	None. First year student in CS, SE or CE
Co-requisites	CS 1136 – A sequence of labs will be assigned and graded for CS 1136, these are separate from the assignments made in CS 1336. Students earn separate grades for CS 1336 and CS 1136.
Course Description	CS 1336 - Programming Fundamentals (3 semester hours) 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. 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. Corequisite: CS 1136. Note that a grade of "C" or better is required in order to register for CS 1335 or CE/CS 1337. (3-0) S
Learning Outcomes	After successful completion of this course, the student should be able to: <ul style="list-style-type: none"> • Use fundamental programming constructs: assignment, loops, conditions • Process data in arrays • Develop programs in a functional/method form • Express algorithms that search and sort arrays • Perform sequential file input and output
Required Text	<u>Starting Out With C++: From Control Structures through Objects</u> , 8th edition, by Tony Gaddis, Addison Wesley. ©2015. ISBN-10: 0133769399 • ISBN-13: 9780133769395
Supplemental Text & Online Resources	C++ Programming Language. 4/e. Stroustrup ©2014 Addison-Wesley ISBN-10: 0321958322. ISBN-13: 9780321958327 <i>Programming: Principles and Practice Using C++</i> , 2/e. Stroustrup ©2014 Addison-Wesley Professional. ISBN-10: 0321992784. ISBN-13: 9780321992789 C++ Primer, 5e. Stanley B. Lippman, Josée Lajoie; Barbara E. Moo. Addison-Wesley Professional 2012. ISBN-10: 0-321-71411-3. The C Programming Language, 2e. Brian W. Kernighan, Dennis M. Ritchie. Prentice Hall, 1988. ISBN-10: 0-13-110362-8 C++ How to Program, 9ed. Paul Deitel; Harvey Deitel. © 2013 Prentice Hall.

	ISBN-10: 0-13-337871-3. C: A reference Manual (5th Edition) by Samuel P. Harbison, Guy L. Steele Jr. C++ language tutorial http://www.cplusplus.com/files/tutorial.pdf C++ tutorial http://www.learncpp.com/ C++ reference: http://cppreference.com
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Important Dates*

08/25 Monday	First Day of Class
09/01 Monday	Labor Day Holiday – NO CLASSES
TBD Monday	9 Assignments Due – check eLearning for details
09/29 Monday * 10/27 Monday * 12/10 Wednesday *	Exam 1,2,3 (In TESTING CENTER and not in classroom)
11/24 Monday - 11/28 Friday	NO CLASSES (Fall Break & Thanksgiving Week)
12/10 Wednesday	Last Day of class
TBD 12/12 – 12/18	Final Examination

* Note: The dates here are tentatively assigned and are subject to change as needed.

Course Policies

Grading Criteria	9 Assignments (9 * 3 = 27) 27% Quiz & Attendance 13% 3 Tests (20+20+20) 60%	A+ = 97 & above A = 93-96 A- = 90-92 B+ = 87-89 B = 83-86 B- = 80-82 C+ = 77-79 C = 73-76 C- = 70-72 F = below 70
Make-up Exams	Not allowed	
Late Work	25% reduction in grade per day or partial day for any late submissions;	
Class Attendance	Required; Attendance will be taken	
Classroom Citizenship	Respect for your classmates is necessary at all times	
All other policies	Please visit 6 for other policies	