

CS 2336 – Computer Science II

Course Information

Course Number/Section	CS2336
Term	Fall 2015
Days & Times	
Location	

Professor Contact Information

Instructor Name	Dr. Mehra Nouroz Borazjany
E-mail	Mehra@utdallas.edu
Office hours/location	Tu Th 10:30 - 11:30 am, ECSS 4.203
Website	www.utdallas.edu/~mehra

TA Contact Information

TA Name	TBD
E-mail	TBD
Office hours/location	TBD

Course Pre-requisites, Co-requisites, and/or Other Restrictions

CS 1335 or CE 1337 or CS 1337 or TE 1337. (3-0) S

Course Description

Introducing the fundamental concepts of data structures and algorithms. Topics include recursion, fundamental data structures (including stacks, queues, linked lists, hash tables, trees, and graphs), and algorithmic analysis. Includes comprehensive programming projects. Programming language of choice is Java.

Student Learning Objectives/Outcomes

- 1) Ability to implement different data structures using the Java programming language.*
- 2) Ability to use different data structures to program solutions to solve real problems.*
- 3) Ability to understand algorithmic analysis and complexities.*

Required Textbooks and Materials

Y. Daniel Liang, "Introduction to JAVA Programming – Comprehensive Version", 10th ed., Prentice Hall, ISBN: 978-0133761313.

Assignments & Academic Calendar: *These descriptions and timelines are subject to change at the discretion of the Professor.*

<http://www.utdallas.edu/~mehra/pages/2336.html>

Grading Policy

- The individual homework assignments 20%. Identical or highly similar solutions could result in zero point and academic discipline.
 - One midterm exam 25%.
 - One final exam 25%.
 - Pop quiz 10%. There are number of pop quizzes, equal weight, whichever is lower. The exact number of pop quiz is nondeterministic. Pop quiz can take place any time during the class and on any class day.
 - The individual/group project 20%.
- ❖ No make-up if any exam or quizzes missed unless you inform the instructor beforehand of any event that prevents you from attending the class. In case of sickness, the student is required to present a doctor letter as a proof. In these cases, a make-up quiz or exam will be provided.
- ❖ The base grading scale given below may be adjusted based upon the performance of the class as a whole: Even if you get 84.99 your grade will be a “B”, not an “A” though it is so close to 85. **For detailed information about University policies and procedures related to this syllabus, please refer to** <http://go.utdallas.edu/syllabus-policies>

Total Score	>=98	>=95	>=90	>=88	>=85	>=80	>=78	>=75	>=70	>=68	>=65	>=60	<60
Grade	A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F