Course Information

Course Number/Section	CS1335.003.16F
Course Title	Computer Science I for Non-majors (ATEC)
Term	Fall 2016
Days & Times	Monday, Wednesday, Friday: 9:00am-9:50am
Room:	ECSS 2.203
Professor Contact InformationProfessorKaren Doore	
Email Address Office Hours Location: Office Hours	kdoore@utdallas.edu ECSS 4.231 Appointment Required (by email) Mon, Wed, Friday 10:00 am - 11:30 am

Other Information E-mail is the best way to reach me

Course Description

Introduction to object-oriented software analysis, design, and development. Classes and objects. Object composition and polymorphism. Sorting and searching. Strings using core classes. Inheritance and interfaces. Graphical User Interfaces.

May not be used to satisfy degree requirements for majors in the School of Engineering and Computer Science, especially majors in Computer Science and Engineering. Credit cannot be received for both courses, <u>CS 1335</u> and (<u>CE 1337</u> or <u>CS 1337</u> or <u>TE 1337</u>).

Prerequisite: CS 1334 with a grade of C or better or equivalent. (3-0) S

Required Textbooks and Materials

Required Texts

Learning Processing, Daniel Shiffman

Required Materials

Clicker License – Turning Point (TP) License - available for purchase at UTD bookstore. You can use a wireless device (phone / laptop) if you install the TP Mobile App or use the TP website application, so you don't need to purchase a clicker device.

Website Material:

<u>Processing.org</u> website documentation <u>Processing Tutorials:</u> <u>LearningProcessing.com</u> website Course Gitbook: https://kdoore.gitbooks.io/cs1335/content/

Course Expectations: Course Learning Objectives

- Ability to define and implement a class
- Ability to express multi-class relationships among objects
- Ability to develop object oriented software solutions
- Ability to implement graphical user interfaces
- Ability to develop recursive programs
- Ability to develop event-driven programs

Grading Policy

- 5% Attendance, In-Class Questions / Clicker Quizzes
- 50% Programming Projects / Assignments
- 45% 2 Exams (Exam 1: 20%, Exam 2: 25%)

Clickers

This course will require the use of a clicker or mobile device with the Turning Point mobile app installed; both require an activated Turning Point License. A clicker is an audience response device that resembles a small calculator. This allows you to provide real-time feedback to your instructor during class. Class summary results are displayed graphically, providing students and the instructor a gauge as to how well the class is grasping the material. You can purchase your Turning Point License at the UTD Bookstore, see notes above.

Exams: Exams will be in-class, during our regular class hours, in our regular classroom. Exams are closed book and closed-notes with no calculators. You are required to purchase Scantron Forms for the exams. **Scantron form: 19641**

Exam 1: Currently scheduled for Wed Oct 5th.

Exam 2: Currently scheduled for Wed Dec 7th.

It is your responsibility to check the academic calendar before making any personal plans at the end of the semester. For example, please don't schedule any airline flights on or before your final exam, or make other travel arrangements during this period. Exams will be closed book and closed notes.

Course & Instructor Policies

All make-up exams are scheduled during finals week at the discretion of the instructor. Make-up exams are only given to those students who coordinate the missing of an exam prior to the originally scheduled exam date and time or who have a valid medical excuse.

The instructor reserves the right to give unannounced quizzes. Quizzes will not be announced and may not be made up.

All assignments will be announced and submitted using eLearning. Each assignment will include a due date and time. You will be given at least one week to complete all graded programming assignments. Late assignments will lose 20 points per day or portion thereof that they are late. Assignments more than 5 days late will not be accepted and will

be recorded as a zero. Assignments are due on the date set in eLearning. This date will generally be posted with the assignment, as well, but eLearning is the real deadline.

Clicker questions will be used to track attendance. There is a strong, direct correlation between class attendance and class performance. Students who regularly attend class tend to make significantly higher final grades than those who do not. See Grading Policy above regarding lecture attendance.

Students are expected to be respectful to each other and to the course instructor. Disruptive behavior in the classroom will not be tolerated. Cell phones must be silenced during class. Texting is not allowed. If you're using a computer in class, make sure it's for classwork.

While your final grade will be based on a curve, the nominal grading scale is as follows:

98-100 A+ 92-97 Α 90-91 A-88-89 B+ 82-87 B 80-81 B-78-79 C+ 72-77 C 70-71 C-68-69 D+ 62-67 D 60-61 D 0-60 F

Comet Creed

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:

"As a Comet, I pledge honesty, integrity, and service in all that I do."

UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus.

Please go to http://go.utdallas.edu/syllabus-policies for these policies.

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.