

# Department of Computer Science



31  
Academic Bldg 1

Huntsville, Texas  
P.O. Box 2090 • 77341-2090

(936) 294-3846  
Fax • (936) 294-4312

## COURSE SYLLABUS COSC 1436.01, COSC 1436.02, COSC 1436.03, COSC 1436.04, COSC 1436.05 Programming Fundamentals I

Spring 2018

**Location:** Lecture and Lab at AB1 209

Class meeting times:	Lab meeting time:	Instructor:	Office
1436.01: TR 09:30 – 10:50	R 15:00 – 16:50	Mrs. Hacer Varol	AB1 212F
1436.02: TR 11:00 – 12:20	F 15:00 – 16:50	Mrs. Hacer Varol	AB1 212F
1436.03: TR 12:30 – 13:50	T 15:00 – 16:50	Mrs. Hacer Varol	AB1 212F
1436.04: MWF 08:00 – 08:50	W 15:00 – 16:50	Dr. Khaled Rabieh	AB1 216A
1436.05: MWF 09:00 – 09:50	M 15:00 – 16:50	Dr. Min Kyung An	AB1 212D

**Office hours:** To Be Determined. Please see the notice board outside each faculty member's office.

**Course description:** This course is an introduction to programming. A software engineering approach to developing computer programs is stressed and object-oriented concepts are introduced. The development of procedures and the writing and testing of programs to implement them is emphasized. This course includes a 2-hour lab-based component.

**Course objectives and outcomes:**

This course addresses the computer science program's primary goal of providing a strong technical foundation through the development of programming skills and concepts. In particular this course's ABET student outcomes will be:

- a) An ability to apply knowledge of computing and mathematics appropriate to the discipline
- i) An ability to use current techniques, skills, and tools necessary for computing practice.

**IDEA objectives:** Gaining factual knowledge (terminology, classifications, methods, trends)  
Learning to apply course material (to improve thinking, problem solving, and decision)

**Prerequisite:** Prerequisites: eligibility for MATH 1420, 1316, 1314 or 1324, basic keyboarding, and PC skills.

**Textbook:** *Starting Out with Java, From Control Structures through Objects*, 6th ed. by Tony Gaddis, Addison Wesley

**Course requirements:**

Assignments: Students will be required to complete **five programming assignments**. Students will be given two weeks to complete each assignment. Four of the assignments will count towards the final grade, giving student the option to drop their lowest graded assignment.

Exams: **Three exams** will be given. Students will be given at least one week notice of the exam dates. All examinations are written examinations and students are required to provide their own College Blue books for each exam. There are no make-up examinations available for any student. If a student has an excused absence exam, the grade he/she receives from the next exam will be counted for both only upon instructor's approval.

Labs: All students need to be registered for a lab section of the course. Only the students attended the lab can earn credits. Students will have total of **twelve labs**. Eleven of the laboratory work will count towards the final grade, giving student the option to drop their lowest graded lab. The labs should be finished within the dedicated time slot. Each work needs to be checked and graded by the Lab TA (no email submissions are accepted). If the student is not able to finish the task within the lab session due to an unexpected event/bug/etc., (NO - buying clothes online doesn't count), then he/she may ask the lab TA to have an extension of one week at the end of the lab.

Grading plan:	Classroom Participation & On-time attendance	10%
	Assignments	15%
	Lab	15%
	First exam	15%
	Second exam	20%
	Final exam	25%
	$\geq 90$	$\Rightarrow$ A
	$\geq 80$ but $< 90$	$\Rightarrow$ B
	$\geq 70$ but $< 80$	$\Rightarrow$ C
	$\geq 60$ but $< 70$	$\Rightarrow$ D
	$< 60$	$\Rightarrow$ F

### **Class participation & On-time attendance**

Students are expected to pay attention during lectures, to be respectful listening when the instructor or your peers are speaking, and to be fully engaged in your learning **without texting, checking your phone or email, or participating in other digital distractions**. No use of smartphones is allowed. If you are distracting others in your lack of participation, you will hear from instructor via email or in a short face-to-face conference before, during or after class, and participation points will be taken away throughout the semester.

In accordance with University Policy, regular attendance is required and your attendance will be seriously monitored. Students are expected to arrive to the classroom **on time**, otherwise no full attendance credit for the day will be given. You are responsible for all material covered in every class, regardless of whether you attended or not. It is your responsibility to obtain notes, assignments, etc., from fellow class members if you miss a class.

### **Academic dishonesty**

All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The university and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials. No cheating on an examination or assignments is allowed. A score of zero will be given to the student if such a case occurred.

### **Rules of conduct**

Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. Please turn off or mute your cellular phone and/or pager before class begins. Students are prohibited from eating in class, using tobacco products, making offensive remarks, reading newspapers, sleeping, talking among each other at inappropriate times, wearing inappropriate clothing, or engaging in any other form of distraction. Inappropriate behavior in the classroom shall result in a, minimally, a directive to leave class or being reported to the Dean of Students for disciplinary action in accordance with university policy.

### **Visitors in the classroom**

Occasion visiting of classes by responsible persons is allowed with prior arrangement with the instructor, as long as it does not interfere with the registered members of the class or the educational process.

**Students with disabilities policy**

It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should register with the Office of Services for Students with Disabilities located in the Lee Drain Annex (telephone 936-294-3512, TDD 936-294-3786, and e-mail [disability@shsu.edu](mailto:disability@shsu.edu)). They should then make arrangements with their individual instructors so that appropriate strategies can be considered and helpful procedures can be developed to ensure that participation and achievement opportunities are not impaired.

SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then I encourage you to register with the SHSU Services for Students with Disabilities and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. NOTE: No accommodation can be made until you register with the Services for Students with Disabilities.

**Religious Holidays**

An institution of higher education shall excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence.