

Computer Science 6318
Programming Languages and Compiler Design
Fall 2017
MW 2:00, AB1 206

Instructor: **Dr. Gary W. Smith**
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Overview: In this course we take an expanded look at language paradigms and parsing, common features of programming languages, object-oriented programming, examples of the diversity of programming languages, language support for concurrent and distributed programming, and run-time support for modern programming languages. We will also study the compiler process and understand how compilers are constructed.

Text: (suggested) Concepts of Programming Languages, Robert W. Sebesta
The library has several programming language and compiler books that can be used as references. There are also many resources available online. You will be provided other reference material during the semester.

Grading: Grades will be recorded using a point system with 1,000 total points.

There will be two during-semester exams worth 200 points each and a final exam also worth 200 points. Except for extremely unusual circumstances and official absences, no make-up exams will be given.

There will be several programming and homework (non-programming) assignments. There may also be group projects, written assignments and presentations. These assignments will sum to 400 points. I will normally accept late assignments up to one week late with a 20% late penalty however I may announce that an assignment will not be accepted late.

	<u>Points</u>	<u>Total Points</u>	<u>Final Grade</u>
Exams	600	895-1000	A
Assignments	<u>400</u>	795-894	B
	1000	695-794	C
		595-694	D
		0-594	F

Attendance: Students are required to attend class and are responsible for all material covered in class.

Demeanor: Students must refrain from behavior in the classroom that disrupts the learning process.

Academic

Dishonesty: Unless I explicitly state otherwise, all assignments in this course are **individual** assignments. This means that each student must fully develop his or her own solutions. Students are not allowed to work together on any assignment. Do not copy any one else's assignment and do not allow your assignment to be copied.

<http://www.shsu.edu/syllabus/>

ACADEMIC DISHONESTY:

All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain 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. For a complete listing of the university policy, see:

[Dean of Student's Office](#)

STUDENT ABSENCES ON RELIGIOUS HOLY DAYS POLICY:

Section 51.911(b) of the Texas Education Code requires that an institution of higher education 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. Section 51.911 (a) (2) defines a religious holy day as: "a holy day observed by a religion whose places of worship are exempt from property taxation under Section 11.20..." 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.

University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s). The instructor will complete a form notifying the student of a reasonable timeframe in which the missed assignments and/or examinations are to be completed. For a complete listing of the university policy, see:

</dept/academic-affairs/documents/aps/students/861001.pdf>

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). 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. For a complete listing of the university policy, see:

<http://www.shsu.edu/dotAsset/7ff819c3-39f3-491d-b688-db5a330ced92.pdf>

VISITORS IN THE CLASSROOM:

Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.