COMPUTER SCIENCE PRINCIPLES
CSCI 1302
Fall 2020

INSTRUCTOR: Dr. Jeremy Becnel
Department: Computer Science
Email: becneljj@sfasu.edu
Office: STEM 312 Q
Chat / Video Conference: Microsoft Teams
Office: 936 468 1468

MS TEAMS
Communication for the course, sharing of course materials (e.g. notes, syllabus, etc.), and other items will be conducted through Microsoft Teams. This is one of many “free” Microsoft applications that the university provides. Team Code: t40glrq

OFFICE HOURS: MW 10:30 - 12:30 and TR 1:45 – 3:45 (Virtual through Microsoft Teams)
Other times by appointment.

CLASS INFO:
Credit Hours: 3
Meeting Time: MW 1:00 pm – 2:15 pm
Location: Remote via Zoom / STEM 318

PREREQUISITES:
Eligibility for enrollment in college algebra

CATALOG DESCRIPTION:
Fundamental concepts of computer systems, systems software, and an overview of computer science issues. Problem solving and program development using a high-level programming language.

STUDENT LEARNING OUTCOMES:
Upon successful completion of the course, students should be able to:
1. Demonstrate a fundamental knowledge of computer organization, computer operation, and the information hierarchy.
2. Apply the software life cycle to specific problems in such disciplines as business, mathematics, science, and engineering.
3. Perform problem analysis and program design using tools such as pseudocode, structure charts, and flowcharts.
4. Apply the features of a modern widely-used programming language in implementing solutions to well described problems. These features include declaration of data types and fundamental data structures, application of control structures (sequence, selection, repetition), utilization of I/O and file handling, development of structured program organization (subprograms with parameters), and inclusion of documentation.
5. Use operating systems tools (command system, editor, compiler, linker and loader) in single-user and/or multi-user environments.
6. Create appropriate test data and apply debugging and testing strategies.
7. Demonstrate a knowledge of fundamental computing terminology.
8. Demonstrate an understanding of the role of computing in society.

OFFICIAL COURSE SYLLABUS:
For additional detail including course description, purpose of course, student learning objectives, credit hour statement, and content, see the official course syllabus here: http://sfasu.edu/docs/computer-science/undergraduate-course-CSCI1302.pdf

REQUIRED TEXTS:
(Custom Publish – available at local bookstores)

REQUIRED SOFTWARE AND HARDWARE:
Microsoft Teams (Web / Android / Apple / PC)
Scanner or Microsoft Office Lens (Android / Apple): Web Camera
iGRASP
GRADING POLICY:

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<th>Test 1:</th>
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<tr>
<td>Midterm:</td>
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<td>Test 2:</td>
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EXAMINATIONS: Short answer, problems, programs, and multiple choice. There will be three in-class exams and a final exam. See course schedule for dates. **All dates are tentative except the final exam date.**

Check the final exam time. If the final exam time is a problem, you will need to drop this course.

Possession of a cell phone or other electronic communication device during an exam will result in an examination grade of zero.

ASSIGNMENTS: Course assignments may be of **unequal weights**. Some of the course assignments may be required to be completed in class. You may not make up course assignments. Programming submissions that do not compile are not acceptable.

**Late Assignments:** Any assignment turned in after the due date and time will receive a penalty per day for up to 2 days. After 2 days, the assignment automatically receives a grade of zero.

ATTENDANCE: Attendance and **constructive** class participation are expected.

PROGRAM LEARNING OUTCOMES:
Program learning outcomes define the knowledge, skills, and abilities students are expected to demonstrate upon completion of an academic program. These learning outcomes are regularly assessed to determine student learning and to evaluate overall program effectiveness.

- Students majoring in the Department of Computer Science may access program learning outcomes at [http://www.sfasu.edu/academics/colleges/sciences-math/computer-science/about/accreditations](http://www.sfasu.edu/academics/colleges/sciences-math/computer-science/about/accreditations)
Software Policy: Disciplinary action will be taken against individuals who perform unauthorized duplication of software or who are involved in the unauthorized use of duplicated software. Such action may make it impossible for you to successfully complete this course.

Computer Laboratory Usage: Students utilizing equipment in university computing laboratories are expected to read and abide by all posted policies for the laboratories. Please note that no children and no pets are permitted in university computing laboratories.

Drop Policy (Univ.): The official university add/drop policy is located at: http://www.sfasu.edu/policies/course-add-drop_6.10.pdf. If you have questions concerning registration, add/drop or the withdraw process, contact the Registrar at (936) 468-2501 or E-mail: REGISTRAR@SFASU.EDU. The Registrar is located on the 2nd floor of the Rusk building.

Special Accommodations Requests: To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to http://www.sfasu.edu/disabilityservices/.

Students with special accommodation requests have the responsibility to immediately initiate a meeting with the instructor to discuss how the special accommodations will be provided. Students who are aware of these special needs at the beginning of the semester must inform the instructor in person before the twelfth-class day about any class activity, which will require special accommodations.

Computer Account Policy: All assignments that require the use of the University Computer must be done under the computer account that is assigned to you in this class. You should NOT do other class assignments in this account, and you should NOT do assignments from this class in other accounts. Failure to abide by the above statements will mean that you will receive a grade of F in this course.

Academic Integrity: Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations, on an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one’s own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an Internet source or another source; and (3) incorporating the words or ideas of an author into one’s paper without giving the author due credit. All instances of academic dishonesty will be reported to Office of the Dean of the student’s major. This report shall be made part of the student’s record and shall remain on file with the Dean’s office for at least four years. Instances of academic dishonesty may also be reported to the University Committee on Academic Integrity. Please read the complete policy at http://www.sfasu.edu/policies/4.1-student-academic-dishonesty.pdf. A student who wishes to appeal decisions related to academic integrity follows procedures outlined in University policy 6.3 (http://www.sfasu.edu/policies/academic-appeals-by-students-6.3.pdf).

If in my judgment an instance of academic dishonesty on an examination has occurred, a grade of zero will be assigned as the examination grade and a minimum of one (1) letter grade will be lost in the course grade. Possession of a cell phone or other electronic communication device during an exam will result in an examination grade of zero. A course grade of F may be assigned depending on the situation. A student found cheating on an examination may not drop the course. If in my judgment a student is found cheating on any part of a homework assignment or quiz, the student will receive negative points equal to the value of the entire homework/quiz. A negative grade will not be replaced by any possible bonus assignment. I consider the person who did the work (homework, quiz, test) and the person copying the work as both cheating. A recurrence of this by any individual will result in a grade of F in the course. DO YOUR OWN WORK!!!!! Do NOT show your code to other students!!!
Withheld Grades Semester Grades Policy (A-54)
Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.

Acceptable Student Behavior
Classroom behavior should not interfere with the instructor’s ability to conduct the class or the ability of other students to learn from the instructional program (see the Student Conduct Code, policy D-34.1). Unacceptable or disruptive behavior will not be tolerated. Students who disrupt the learning environment may be asked to leave class and may be subject to judicial, academic, or other penalties. This prohibition applies to all instructional forums, including electronic, classroom, labs, discussion groups, field trips, etc. The instructor shall have full discretion over what behavior is appropriate/inappropriate in the classroom. Students who do not attend class regularly or who perform poorly on class projects/exams may be referred to the Early Alert Program. This program provides students with recommendations for resources or other assistance that is available to help SFA students succeed.

COVID-19 Mask Policy: Masks (cloth face coverings) must be worn over the nose and mouth at all times in this class and appropriate physical distancing must be observed. Students not wearing a mask and/or not observing appropriate physical distancing will be asked to leave the class. All incidents of not wearing a mask and/or not observing appropriate physical distancing will be reported to the Office of Student Rights and Responsibilities. Students who are reported for multiple infractions of not wearing a mask and/or not observing appropriate physical distancing may be subject to disciplinary actions.
