Fall 2019  

Introduction to Computing

CSC 101.002/003  STEM 401/402M/W  1:00 – 2:15
CSC 101.004/005  STEM 401/402T/Th  9:00 -10:45
CSC 101.006/007  STEM 401/402T/Th  12:30 – 1:45

Dr. David Cook, Professor,  Department of Computer Science
College of Sciences and Mathematics, Room 312, STEM Building (#11 on campus map) cookda@sfasu.edu 936-468-2508

OFFICE HOURS

OFFICE HOURS

Credit Hours: 3

Prerequisites: 2 years of high school algebra or equivalent

Credit not available for students who have taken CSC 121.

Grade Reminder: Must have a grade of C or better in each prerequisite course.

Catalog Description  A general study of computer types, capabilities, uses, and limitations. Use of operating systems and application software on a microcomputer. Network environments. Introduction to problem solving using a computer.

Purpose of Course  To acquaint students with the capabilities and limitations of different types of digital computers. To provide experience in using a microcomputer as a productivity tool. To provide practice in operating system utilization on microcomputers. To develop competencies in word processing and electronic spreadsheet utilization. To provide experience in using digital resources to locate information. To introduce students to the concept of information literacy. To introduce students to problem solving using a computer. More at http://www.sfasu.edu/sites/default/files/2018-11/CSC101_2016.pdf.

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. You may access the program learning outcomes for your major and particular courses at http://cosm.sfasu.edu/cs/computer-science-outcomes-objectives-graduation-data.

EDUCATIONAL OBJECTIVES  Upon successful completion of the course, students should be able to:

1. Identify capabilities, limitations and procedures for using computer systems to solve business problems.
2. Discuss the role of computers in society and business.
3. Use digital resources to gather information.
4. Use a microcomputer operating system.
5. Apply concepts of word processing and document design.
6. Apply concepts of electronic spreadsheet design.

Materials:

Course Requirements:
Examinations: Three Regular Lab Exams (20 % each)
Tentative Exams Dates
- October 2/3, 2019
- October 30/31, 2019
- November 26/27, 2019
Comprehensive Final Examination (20 %) (NO Exemptions)

Final Schedule (You must take the final to pass. Missing the final guarantees an “F”)

<table>
<thead>
<tr>
<th>Meets at</th>
<th>Final - Date and Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&amp;W3 MW 1-2:15</td>
<td>MON 9 DEC 1:30 - 4:00</td>
</tr>
<tr>
<td>4&amp;5 T Th 9:30-10:45</td>
<td>TUE 10 DEC 8:00 -10:30</td>
</tr>
<tr>
<td>6&amp;7 T Th 12:30-1:45</td>
<td>TUE 10 DEC 10:45 -1:15</td>
</tr>
<tr>
<td>M/W/F 10-11</td>
<td>WED 11 DEC 10:45 -1:15</td>
</tr>
</tbody>
</table>

All class examinations are considered to be a major part of the course work upon which a large part of the course grade depends. If you have a conflict with another university event, you must contact me well in advance of examination. In case of an extreme emergency, contact me before the scheduled examination. Failure to do so will result in an examination grade of zero. Once a student leaves the room on the day of an examination, they will not be permitted to return. Once the first person has left the room on the day of an examination, no one else will be permitted to begin the exam. Please note that being in possession of a cell phone or other electronic device during an exam will result in an examination grade of zero.

NOTE: THERE ARE NO EXEMPTIONS FOR THE FINAL EXAMINATION AND NO CHANGES IN TAKING THE FINAL EXAMINATION. ALL STUDENTS MUST TAKE THE FINAL EXAM.

A zero on the final exam will result in an F in the course. Check the final examination time. If the final examination time is a problem, you need to drop this course. Please see the SFASU policy at http://www.sfasu.edu/policies/final-examination-scheduling_7.14.pdf.

Assignments and Quizzes: Assignments and quizzes account for 20% of the course grade. No make-ups. All assignments are due at the announced time on the specified due date. If you have a conflict, please contact me in advance. You will lose points for failure to follow instructions. Please note: You may be given assignments and quizzes during the last five class days of the semester.

Help & Support Resources:
- Graduate Assistant: Ezekiel Buck, 320 STEM Building
- Open Lab Time in 206 Ed and Gwen Cole STEM Building Please see the D2L news announcement regarding the times for this semester. AARC Tutors: The AARC tutors schedule will be announced within a few weeks. (https://library.sfasu.edu/aarc/#/?_k=ue6sr7)
- The Library Linc is open: Monday – Thursday: 7:00 a.m. - 1:00 a.m. Friday: 7:00 a.m. to 6:00 p.m. Saturday: 10:00 a.m. – 8:00 p.m. Sunday: 12:00 p.m. - 1:00 a.m.
Course Calendar/Timeline:

<table>
<thead>
<tr>
<th>General Topic</th>
<th>Approximate % of course devoted to topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Computing</td>
<td>7</td>
</tr>
<tr>
<td>Network Environments</td>
<td>7</td>
</tr>
<tr>
<td>Microcomputer Operating Systems</td>
<td>13</td>
</tr>
<tr>
<td>Word Processing</td>
<td>22</td>
</tr>
<tr>
<td>Electronic spreadsheets</td>
<td>20</td>
</tr>
<tr>
<td>Web Development</td>
<td>15</td>
</tr>
<tr>
<td>Independent Study of Other Computer Applications</td>
<td>9</td>
</tr>
<tr>
<td>Exams (plus a comprehensive final)</td>
<td>7</td>
</tr>
</tbody>
</table>

A more detailed listing of the topics that the course will cover and approximate amount of time to be devoted to each is available at http://www.sfasu.edu/sites/default/files/2018-11/CSC101_2016.pdf. Once registered, students can access Desire2Learn via https://d2l.sfasu.edu using their mySFA username and password.

Tentative Schedule:

<table>
<thead>
<tr>
<th>Date</th>
<th>Week</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 Aug</td>
<td>1</td>
<td>General Computing</td>
</tr>
<tr>
<td>2 Sept</td>
<td>2</td>
<td>Office &amp; Network Environments</td>
</tr>
<tr>
<td>9 Sept</td>
<td>3</td>
<td>Microcomputer Operating Systems</td>
</tr>
<tr>
<td>16 Sept</td>
<td>4</td>
<td>Microcomputer Operating Systems</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Study of Other Computer Applications</td>
</tr>
<tr>
<td>23 Sept</td>
<td>5</td>
<td>Word Processing - Word</td>
</tr>
<tr>
<td>30 Sept</td>
<td>6</td>
<td>Word Processing - Word</td>
</tr>
<tr>
<td>7 Oct</td>
<td>7</td>
<td>Word Processing – Word vs. Powerpoint</td>
</tr>
<tr>
<td>14 Oct</td>
<td>8</td>
<td>Electronic spreadsheets - Excel</td>
</tr>
<tr>
<td>21 Oct</td>
<td>9</td>
<td>Electronic spreadsheets - Excel</td>
</tr>
<tr>
<td>28 Oct</td>
<td>10</td>
<td>Electronic spreadsheets - Excel</td>
</tr>
<tr>
<td>4 Nov</td>
<td>11</td>
<td>Electronic spreadsheets - Excel</td>
</tr>
<tr>
<td>11 Nov</td>
<td>12</td>
<td>Web Development - HTML</td>
</tr>
<tr>
<td>18 Not</td>
<td>13</td>
<td>Web Development - HTML</td>
</tr>
<tr>
<td>25 Nov</td>
<td>14</td>
<td>Thanksgiving Week</td>
</tr>
<tr>
<td>2 Dec</td>
<td>15</td>
<td>Study of Other Computer Applications</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Review</td>
</tr>
<tr>
<td>9 Dec</td>
<td>16</td>
<td>Final</td>
</tr>
</tbody>
</table>

Grading Policy:

- **Desire2Learn**: This course will use the Desire2Learn Management System. The course login page may be accessed directly, [https://d2l.sfasu.edu/](https://d2l.sfasu.edu/).
- **Attendance**: attendance and constructive class participation is expected. 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 iCare Early Alert Program. This
program provides students with recommendations for resources or other assistance that is available to help SFA students succeed.

**Tobacco Products and Vaping Products:** Effective August 22, 2016, Stephen F. Austin State University is a tobacco and vape free campus. The use of all tobacco and vape products (including but not limited to cigarettes, cigars, pipes, smokeless tobacco, e-cigarettes, vaporizers, vape pens, hookahs, blunts, pipes, snuff, and any other tobacco or vape related product) is prohibited on all property that is owned, leased, occupied, or controlled by Stephen F. Austin State University. Additionally, the sale or free sampling of tobacco or vape products is prohibited on university property. This policy applies to all employees, students, university affiliates, contractors, and visitors. The university shall offer and promote tobacco prevention and education programming on campus as well as provide applicable resources to help individuals who want to quit using tobacco products [http://www.sfasu.edu/tobacco-vape-free.asp](http://www.sfasu.edu/tobacco-vape-free.asp).

**Campus Carry at SFA:** During the 84th Texas Legislative Session, Senate Bill 11 (SB11) was passed allowing persons with a License to Carry (LTC) a handgun, under Texas Government Code Section 411.2031 and other applicable laws, to carry their handgun in a concealed manner on public university campuses. The law allows universities to establish policy restricting certain areas/events of the campus where concealed carry will not be allowed as well as establish storage requirements in residence halls. Under SFA Policy 13.9, Firearms, Explosives, and Ammunition, the university has designated the following locations as locations where the carrying of a concealed handgun is prohibited:

- Early Childhood Research Center - Entire premise including fenced grounds
- Human Services Building (other than the Telecommunications area) - Entire Premise
- Student Health Clinic - Entire premise
- 3rd Floor of the Rusk Building - 1st and 2nd floors are not excluded from concealed carry
- Any location where a high school, collegiate, or professional sporting event takes place and where club or intramural athletic competition is taking place
- Nonpublic, secure portions of the University Police Department
- Occasional, reasonable, temporary restrictions by the president for five (5) days

If you observe a visible weapon, please contact the University Police Department. Call 911 from an on-campus phone or 936-468-2608 from a cell phone. Please read the complete policy at [http://www.sfasu.edu/campuscarry/](http://www.sfasu.edu/campuscarry/).

**Academic Integrity**

Please review the University policy on 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.

**Definition of Academic Dishonesty:** 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.
Please read the complete policy at www.sfasu.edu/policies/academic_integrity.asp. If in my judgment an instance of academic dishonesty on an EXAM has occurred, a grade of zero will be assigned and a minimum of one (1) letter grade will be lost in the course grade. A Report of Academic Dishonesty will be filed.

Please note that being in possession of a cell phone or other electronic device during an exam will result in an examination grade of zero.

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 will be given. A Report of Academic Dishonesty will be filed. A negative grade will not be replaced by any possible bonus assignment. I consider the person who did the work (homework, quiz, and test) and the person copying the work as both cheating. Do your own work. Do not share your work with others. A course grade of F may be assigned depending on the situation. A student who wishes to appeal decisions related to academic dishonesty should follow procedures outlined in Academic Appeals by Students University Drop Policy: The official university add/drop policy is located at: http://www.sfasu.edu/policies/add_drop.asp. 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.

**Withheld Grades, Semester Grades Policy** (SFASU Policy 5.5): 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. http://www.sfasu.edu/registrar/143.asp & http://www.sfasu.edu/policies/5.5_course-grades.pdf

**Special Accommodation Request:** Students with special accommodation 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 or via email about any event which requires special accommodations. 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 www.sfasu.edu/disabilityservices/.

**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. Software Policy: Disciplinary action will be taken against individuals who perform unauthorized duplication of computer software or who are involved in the unauthorized use of duplicated software. This action may make it impossible for you to complete this course. Computing Laboratory Usage: Students who utilize equipment in university computing laboratories are expected to read and abide by all posted policies for the laboratories. Please note that no children are permitted in university computing laboratories. Identification: Valid SFA student I.D. cards with CID (not SSN) must be presented on each exam day. (No I.D... No exam...Grade of zero)
Hints to help you pass the class
(not an official part of the syllabus)

CSC 101 is a hands-on class – not a theory class. It requires you to demonstrate (via 8+/- 3 assignments) that you are able to apply the material actually, I would take 15 hours if you could, which would include forgot stress glasses you only need 28 hours to graduate, this is over half of them out-of-the-way. In addition, each test will also require you to write a program.

Many students underestimate the amount of time it takes to do assignment. My assignments are almost always due at 10 PM, typically on a Tuesday or Thursday. Waiting until 6 PM to start the assignment is not the way to pass this course. Most students who wait until the last minute inevitably have an error that they cannot quickly resolve – and while I try to reply to email in a timely manner, the evenings an assignment is due tend to be “heavy email” times. I cannot easily debug your assignment via email.

Writing HTML or Excel is NOT like writing a report – it’s hard to estimate the time to complete, and it’s impossible to say, “This will only take me 4 hours”. Students learn this every semester. I try not to laugh. Late assignments are worth – at most – 50%. That’s only if they are perfect and within 24 hours. Applying the material is a skill – practice makes it easier and easier. If you don’t do the assignments – you’ll have trouble on the tests.

My office is not a place to write your assignment – I’ll help you debug, find errors, walk you through the logic, and give you all the advice I can. However, every semester several students want to come in and write their assignment with me watching. Once we fix or work out your specific problem, I’ll ask you to go work on it elsewhere. If you have a later problem – come on back to see me again. This lets me assist other students in a timely manner. If you need to come back and see me 10 times in a day – that’s OK! Come to find out, I’m a nice person, and will not humiliate you. I make errors when I work – everybody does. Nothing to be ashamed of.

As mentioned in the syllabus – you need to complete half of the assignment to pass, and turn in all to be eligible for an “A”. My grader clearly leaves your program grades (and comments) on D2L – you can always check your status. If you suddenly realize during the last week of the semester that you don’t have half of the programs completed – there is not much I can do.

You need to come to class – because I hit the “high points” and explain the complex topics during class. I will write many small assignments during class, using them to explain topics. While I usually either pass out (or put on D2L) copies of the assignments and class examples – seeing me prepare the assignments and fix errors will help you understand how to fix your own errors. While attendance is not required, I DO take attendance every day. If you are having problems with a topic – and my attendance roster shows that you missed class that day – be aware that I do not reteach a lecture unless you have a valid medical excuse.

I cannot stress this enough – you need to come to class if you want a good grade. I try to make the class interesting and enjoyable. I also try to help any student who needs help. I cover material in class that you cannot easily get by reading the book. If you are having problems – please do not wait to come talk to me. Every topic in the class builds on previous topics. If you are having problems – the longer you wait, the further behind you will fall. Some of you have had this class before – and will feel the urge to skip because “You’ve seen it before.” This typically leads to “Well, I got the same grade I did before”. If you skip class and read the book, you might be able to get a “C”, at best. Skip class and don’t bother to read the book? You might be able to get a “D”.

Missing a test is guaranteed to harm your grade. Each test is comprehensive and counts anywhere from 12% to 20% of your grade. Missing one will drop your grade a minimum of a letter. Missing the final guarantees an “F”. You must have a valid excuse (cleared through Student Services) before I can let you retake a test. Missed tests require some type of documented excuse or prior approval.

It’s easier to write the assignments that to copy and try to hide that you copied. Seriously – my grader and I can spot a copied assignment in about 10 seconds. I read EVERY assignment. And I’ve got 45 years’ experience.

Want to do well in the class?
• Come to class,
• pay attention,
• do the assignments,
• and take all the tests.
That’s it! Pretty simple, isn’t it?