



CSIS 1400
Fundamentals of Programming
Spring 2017
4 Credit Hours

Instructor: Dr. G. Jimmy Chen, Professor
E-Mail: jimmy.chen@slcc.edu
Phone: (801) 957-4261
Office/Hours: 3-183E, South City Campus
MW 7:00-8:00 AM, TH 7:30-8:30 or by appointment

Salt Lake Community College is committed to fostering and assessing the following student learning outcomes in its programs and courses:

- Acquiring substantive knowledge in the field of their choice
- Developing quantitative literacy
- Developing the knowledge and skills to be civically engaged
- Thinking critically
- Communicating effectively

Recommended Prereq: CS 1030.

Required Textbook and Materials:

1. Sign up at zyBooks.com
2. Enter zyBook code **SLCCCS1400ChenSpring2017**
3. Click *Subscribe*

The cost to subscribe is **\$59**; any applicable returning student discounts will be applied automatically. The student subscriptions will be valid through **05/19/17**.

Reference:

Introduction to Java Programming, Comprehensive Version, 9/E
Y. Daniel Liang.
ISBN-10: 0132936526
ISBN-13: 9780132936521
Prentice Hall, 2013

Course Description

Object oriented design using UML: problem statement and glossary, use case diagram and scenarios, activity diagram, role/object mapping, and class diagrams. Introduction to Java: data types, control structures, methods and classes, arrays and introduction to the Java API.

ACBSP

The Computer Science and Information Systems program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP). This accreditation facilitates transfer of credits to four-year universities and colleges and is recognized by employers.

Course Organization:

The course will consist of discussion, lecture, demonstration, and hands-on laboratory experience. Example will be demonstrated. Projects will require implementation of concepts discussed in class.

Course Policy:

If you are going to miss an examination, you must notify me in advance of the examination if you expect to take a makeup exam. Assignments and homework will be assigned in class. Strict due dates will be observed. Late assignments and homework will be marked down at a rate of 10% the first week 50% the second week. After 2 weeks late, assignments may not be turned in.

Cheating - It is expected that students will conduct themselves with integrity. If you cheat or assist others in cheating, you violate a trust.

Cheating includes but is not limited to the following:

- copy files or lend your storage device to another student
- copy answers on exams or glance at nearby exams
- print work for someone else
- turn in assignments that have been used in other classes
- purchase or sell assignments or exam materials

If you cheat, some or all of the following actions will be taken:

- You will receive a lower point score up to and including a zero for that particular assignment or exam.
- A report of the incident may be forwarded to the Dean of Student Services. The Dean may file the report in your permanent record and/or take further disciplinary action.

Classroom Rules of Conduct

- Be respectful of your instructor and fellow classmates at all times.
- As a courtesy, please do not talk, type or print while the instructor is talking to the class or when a student is asking a question which pertains to the class.
- Refrain from “surfing” the Web during class, unless directed by your instructor.
- Turn off cell phones.
- Refrain from bringing food and drink into the classroom.
- You are encouraged to work together to solve problems. However, you must complete your own work.

Withdrawals:

- Students are responsible for dropping or withdrawing from classes they are not attending nor intending to complete in the current semester.
- Students may withdraw from classes through the ninth week of the semester or fifth week of summer term.
- Withdraw from class after the third week of school will be shown as a "W" on the transcript and not calculated in the grade point average. Students who stop attending class without following the formal drop or withdraw procedures by the published deadlines will receive a failing grade ("E") for the course with a last date of attendance recorded.
- Exceptions to the withdrawal deadline may be granted by a division chair or dean in extenuating circumstances beyond the student's control with appropriate documentation. Such circumstances are defined as:
 - Illnesses or injury which prevent students from attending classes for an extended period of time;
 - A death in the immediate family;
 - Circumstances requiring students to alter course schedule to secure, maintain, or change employment;
 - Change in work schedule as required by employer; other similar emergencies.

Lab Use:

If you plan to use the computer lab, you will be required to:

1. Obtain a SLCC picture ID.
2. Follow all lab rules and regulations. To reiterate a few:
 - NO FOOD IN THE LAB
 - DO YOUR OWN WORK

Grading:

Regular class attendance will maximize your computer skills for your personal and professional future.

You will be evaluated based on your combined performance on homeworks, projects and exams.

Your ability to understand and follow the directions in the text thoroughly will be an essential component for successful completion of the projects/homework.

- Projects 30%
- Homework 30%
- Midterms 20%
- Final 20%

The final grade is your accumulation of class points divided by the total points in the course. A percentage is obtained and the letter grade is as follows:

Grade	Percentage	Grade	Percentage	Grade	Percentage
A	93 - 100%	B-	80 - 83%	D+	67 - 69%
A-	90 - 92%	C+	77 - 79%	D	64 - 66%
B+	87 - 89%	C	74 - 76%	D-	60 - 63%
B	84 - 86%	C-	70 - 73%	E	Below 60

Schedule:

Week	Chapter	Topics
1, 2	1, 2	Introduction to Java Basic Objects
3, 4	3, 4	Basic Methods + Classes Data Types

5, 6	5, 6	Branches Loops
7, 8 Midterm	7	Arrays
9, 10	8	Methods Continued
11, 12	9	Classes Continued
13, 14	10	Inheritance
15, 16 Final		

Some classes may need to modify this schedule to meet specific needs.

Americans with Disabilities Act

SLCC values inclusive learning environments and strives to make all aspects of the College accessible to our students. If you have a disability and believe you need accommodations to improve access to learning materials or the learning environment, please contact the Disability Resource Center: (phone) 801-957-4659; (email) drc@slcc.edu; (website) www.slcc.edu/drc.

Important Information for Students

General Education Regardless of your major, General Education courses build a foundation of broad knowledge and skills that help you in your further career and life. <http://www.slcc.edu/gened>

General Learning Support & Tutoring Services provide support for SLCC students enrolled in any class at the College. All resources are provided free-of-charge. Ask your instructor about discipline-specific learning support and tutoring services.

The **Tutoring and Learning Centers** provide free assistance in Math, Science, Accounting, CSIS and Allied Health Classes at 6 campus locations. <https://www.slcc.edu/tutoring>

The **Student Writing Center** provides in-person and online feedback on all

writing assignments. <http://www.slcc.edu/swc>

The **Academic Literacy Center** provides tutoring in reading and conversation. <https://www.slcc.edu/english/academic-literacy-center.aspx>

Library Services provides research help, print and online resources, computers and study space. libweb.slcc.edu

The **ePortfolio Lab** provides drop-in assistance for all ePortfolio questions. <http://eportresource.weebly.com/>

eLearning Support provides support for navigating online and hybrid classes. <https://slcc.instructure.com/courses/297606>

The **Business Resource and Innovation Center** provides tutors and a study space for students in Business and CSIS courses. Located in BB 226 on Taylorsville-Redwood Campus.

Advising and Counseling Support Services provide support for students enrolled in any class at the college.

The **Center for Health and Counseling** provides health care, mental health counseling, massage therapy services and healthy lifestyle programs. <http://www.slcc.edu/chc/index.aspx>

Veterans' Services assists hundreds of students in using their VA education benefits each semester. <http://www.slcc.edu/veterans>

Academic and Career Advising helps students plan, explore, make decisions, access resources and evaluate their academic and career goals. And the Academic Achievement Center helps students achieve GPA requirements for graduation.

<https://www.slcc.edu/academicadvising>

<https://www.slcc.edu/academic-achievement-center/index.aspx>

Student Code of Conduct:

http://www.slcc.edu/policies/docs/Student_Code_of_Conduct.pdf

Title IX statement

Title IX of the Educational Amendments of 1972 prohibits discrimination based on sex in any educational institution that receives federal funding. Salt Lake Community College does not tolerate sex discrimination of any kind including: sexual misconduct; sexual harassment; relationship/sexual violence and stalking. These incidents may interfere with or limit an individual's ability to benefit from or participate in the College's educational programs or activities. If you have

questions or concerns regarding your rights or responsibilities, or if you would like to file a Title IX complaint please contact:

Kenneth Stonebrook, J.D. Title IX Coordinator Salt Lake Community College
Taylorsville Redwood Campus – STC 276A (801) 957-5027

ken.stonebrook@slcc.edu

Online Reporting Form: <http://www.slcc.edu/eoo/title-ix/complaint.aspx>

Students may also report incidents to an SLCC faculty or staff member, who are required by law to notify the Title IX Coordinator. If a student wishes to keep the information confidential, the student may speak with staff members of the Center for Health and Counseling, (801) 957-4268.

For more information about Title IX, go to: <http://www.slcc.edu/eoo/title-ix/index.aspx>