South Plains College

Course Syllabus: ITSE 1329

Semester: Spring 2025

Department: Computer Information Systems

Discipline: Technical Education Division

Course Number: ITSE 1329

Course Title: Programming Logic and Design

Instructor Contact Information:

Name: Jesse Day

Office Locations: TC207 – Levelland Campus

                     B001 – Lubbock Downtown Center

Email: jday@southplainscollege.edu

Office Phone: (806) 716-2255

Office Hours: MW 02:00 PM – 02:30 PM at Lubbock Downtown Center

                TR 10:30 AM – 12:30 PM at Lubbock Downtown Center

                TR 01:30 PM – 02:30 PM at Lubbock Downtown Center

                FRI 11:00 AM – 12:00 PM Lubbock Downtown Center (By Appt)

Course Sections:

Section: ITSE 1329.151	Section: ITSE 1329.451
Format: Online	Format: Online
Campus: Online	Campus: Dual-Credit
Classroom: Online	Classroom: Online
Days: Online	Days: Online
Lecture: Online	Lecture: Online
Lab: Online	Lab: Online

Course Description: Problem-solving applying structured techniques and representation of algorithms using design tools. Includes testing, evaluation, and documentation.

Prerequisite: None

Credit: 3 Lecture: 3 Lab: 1

Textbook: Bundle ISBN: 978-1-133-90405-2 Just Enough Programming Logic and Design, Farrell, Course Technology Visual Logic (Access Code), Course Technology

Supplies:

- Microsoft Office 365 Education or Office 2019 with Access
- Reliable Internet Connection
- Computer with Windows OS is Recommended
- SPC Lab computers or the VMWare Horizon Client are available
- Google Chrome or Mozilla Firefox

Student Learning Outcomes:

This course introduces students to structured computer programming concepts, enforcing good style and logical thinking while incorporating a programming language.

Domain 1: Computer Programming Logic and Structure

1.1 Identify and manage elements of the computer programming development process.

1.2 Identify standards of programming design and structure.

1.3 Identify the necessary documentation relevant to programming design.

Domain 2: Computer Programming Models

2.1 Use programming design principles to make comparative decisions.

2.2 Use programming design principles to repeat a process.

2.3 Use programming design principles to organize a contiguous series of variables.

Domain 3: Computer Programming Procedures

3.1 Use modularity in the computer programming development process.

3.2 Create methods for functional cohesion in programming design and structure.

3.3 Identify principles of programming in an applied focus of data and/or methods.

Student Learning Outcomes Assessment: There is a required comprehensive project that will be assessed on the functionality of a program for making decisions with looping and arrays.

Course Evaluation: Students will be evaluated by assignments, exams, participation, discussion, and projects.

Category	Percentage
Participation	10%
Discussions	10%
Assignments	30%
Exams	30%
Final Project	20%

Attendance Policy: Class attendance, even online, is extremely important to meet the objectives of this course. Students are expected to attend all classes to be successful in a course. The student can be administratively withdrawn from the course when absences become excessive as defined by the Admissions office. If a student is administratively withdrawn from the class by the professor, the grade appearing on the transcript will be an 'X.'

Withdrawal Policy: The last day to withdraw/drop with a grade of "W" is April 27th. It is the student's responsibility to withdraw from this course. Otherwise, students will be assigned their earned letter grade at the end of the course. Course averages will be updated each week, and guidance will be provided throughout the term to help students decide whether they need to drop the class or not. For more information regarding drops/withdrawals, please visit:

https://www.southplainscollege.edu/admission-aid/apply/schedulechanges.php.

COVID-19: For information and resources about COVID-19, please visit:

https://www.southplainscollege.edu/emergency/covid19-faq.php.

Plagiarism and Cheating: Students are expected to do their own work on all projects, quizzes, assignments, examinations, and papers. Failure to comply with this policy will result in an F for the assignment and can result in an F for the course if circumstances warrant.

Plagiarism violations include, but are not limited to, the following:

1. Turning in a paper that has been purchased, borrowed, or downloaded from another student, an online term paper site, or a mail order term paper mill.
2. Cutting and pasting together information from books, articles, other papers, or online sites without providing proper documentation.
3. Using direct quotations (three or more words) from a source without showing them to be direct quotations and citing them.
4. Missing in-text citations.

Cheating violations include, but are not limited to, the following:

1. Obtaining an examination by stealing or collusion.
2. Discovering the content of an examination before it is given.
3. Using an unauthorized source of information (notes, textbook, text messaging, internet, apps) during an examination, quiz, or homework assignment.
4. Entering an office or building to obtain an unfair advantage.
5. Taking an examination for another.
6. Altering grade records.
7. Copying another's work during an examination or on a homework assignment.
8. Rewriting another student's work in Peer Editing so that the writing is no longer the original student's work.
9. Taking pictures of a test, test answers, or someone else's paper.

Drop Policy: You may be dropped with an X or F for any of the following reasons:

1. Attendance: You do not follow the guidelines of the attendance policy listed above.
2. Lack of Participation or incomplete homework, exams, and team project.
3. You have missed two or more exams.
4. You have not participated with your assigned team.
5. Academic Integrity: Cheating, plagiarism, or sharing your work with others as listed above.

Student-Owned Computer Equipment: Students may choose to use their own computer equipment to complete the assigned coursework. SPC provides Microsoft Office to students for installation and use on their personal computers. It is the sole responsibility of the student to ensure their computer system meets the minimum requirements for all required or suggested software. It is also the sole responsibility of the student to ensure their computer system is in working order, free of malware, and sufficient to complete the assigned coursework. Computer or system malfunction or failure is not an excuse for late coursework. The instructor is not liable for the student's computer maintenance and cannot troubleshoot or repair issues on student-owned computers. If the student needs computer assistance, they can contact the SPC student helpdesk.

SPC Help Desk

Telephone Number: Help Desk at (806) 716-2600

E-mail: helpdesk@southplainscollege.edu

Location: Library Lobby – Levelland

Normal Hours: Monday - Friday: 8:00 a.m. - 4:00 p.m.

SPC Tutors

Tutoring is FREE for all currently enrolled students. Make an appointment or drop-in for help at any SPC location or online! Visit the link below to learn more about how to book an appointment, view the tutoring schedule, get to know the tutors, and view tutoring locations.

http://www.southplainscollege.edu/exploreprograms/artsandsciences/teacheredtutoring.php

Tutor.com

You also have 180 FREE minutes of tutoring with tutor.com each week, and your hours reset every Monday morning. Log into Blackboard, click on tutor.com link on the left-hand tool bar and grab a session with a tutor. You can access tutor.com tutors during the following times:

- Monday-Thursday 8:00 p.m. – 8:00 a.m.

- Weekends start on Fridays at 6:00 p.m. and go through Monday mornings at 8:00 a.m.

Student Code of Conduct Policy: Any successful learning experience requires mutual respect on the part of the student and the instructor. Neither instructor nor student should be subject to others' behavior that is rude, disruptive, intimidating, aggressive, or demeaning. Student conduct that disrupts the learning process or is deemed disrespectful or threatening shall not be tolerated and may lead to disciplinary action and/or removal from class.

For information regarding official South Plains College statements about diversity, disabilities, non-discrimination, Title V Pregnancy Accommodations, and Campus Concealed Carry, please visit:

https://www.southplainscollege.edu/syllabusstatements/.

IMPORTANT INFORMATION BELOW

Communication: All communication for this class will be conducted through Blackboard using the Message tool. All students will be required to check their messages on Blackboard regularly for course updates and announcements. All replies will be sent using the Message tool in Blackboard. Please include your name, course name, and section number in communication.

Additional Supplies: Students are required to bring in their own headphones or audio devices to class each day to use for the audio part of computer lessons and programs. Students are required to obtain a flash drive to save and transport files for assignments.

Additional Textbook Information: The book bundle with a physical textbook and access code available at the SPC bookstore.

Assignments: Assignments will be available through Blackboard. The course calendar outlining due dates and availability times is available on Blackboard. There may also be homework assignments and projects assigned periodically throughout the semester. No late work is accepted! You are expected to complete all homework assignments within the due dates indicated. Missing homework assignments may result in an administrative drop.

It is important for you to start your homework early. Do not wait until the night when it is due to report problems. If you report problems the night of an assignment, the instructor is not obligated to re-open those for you. Start your homework early in the week and complete it with time to spare!

Exams: There will be two exams given at the end of Unit 1 and Unit 2. Exams will be given on Blackboard. The exam will be open for several days and no make-up exams will be given.

Gradebook: The gradebook will be updated automatically each time you complete an assignment or exam. The gradebook and your current average will be available on Blackboard.

Counseling: If at any point in the semester you find yourself having trouble with stress or feel depressed, please stop in, and see a counselor. Counseling services are available at all campuses. The number for the counseling office is 806-716-2366. Below is a link to SPC's personal counseling services:

https://www.southplainscollege.edu/health/mentalhealthresources.php

Note: The instructor reserves the right to modify the course syllabus and policies, as well as notify students of any changes, at any point during the semester.