

South Plains College
Common Course Syllabus: ITSE 1329
Semester: Spring 2021
Revised 1/6/2022

Department: Computer Information Systems
Discipline: Technical Education Division
Course Number: ITSE 1329
Course Title: Programming Logic and Design

Instructor Contact Information:

Name: Jesse Day
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Office Phone: (806) 716-2255
Office Hours: MW 10:00 – 11:00 AM, TR 1:30 – 4:00 PM (Reese)
Friday 11:00 AM – 12:00 PM (By Appointment)

Course Sections:

<p>Section: ITSE 1329.151 Format: Online Campus: Online Classroom: Online Days: Online Lecture: Online Lab: Online</p>	<p>Section: ITSE 1329.451 Format: Online Campus: Dual-Credit Classroom: Online Days: Online Lecture: Online Lab: Online</p>
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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: Students are expected to attend all classes in order to be successful in a course. The student may be administratively withdrawn from the course when absences become excessive as defined in the course syllabus.

Class attendance, even online, is extremely important in order to meet the objectives of this course. A student is responsible for initiating his or her own withdrawal, if that becomes necessary. If a student is administratively withdrawn from the class by the professor, the grade appearing on the transcript will be at the professor's discretion, an 'X' or 'F'.

Administrative withdrawal may occur if the student has missed six (6) class periods for MWF classes, four (4) class periods for MW/TR classes, two (2) class periods for hybrid classes or if the professor decides absences are excessive due to non-participation or incomplete coursework. When enrolled in an online course, students must login to Blackboard two times per week. Two weeks of non-participation in an online course may also result in an administrative drop.

See the General Catalog Attendance Policy for additional information.

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 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
 - a. You do not follow the guidelines of the attendance policy listed above.
2. Participation, completion of homework, exams, and team project
 - a. You have missed several homework assignments.
 - b. You have missed two or more exams.
 - c. You have not participated with your assigned team.
3. Academic Integrity
 - a. Cheating, plagiarism, or sharing your work with others as listed above.

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.

Diversity Statement: In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

Disability Statement: Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Reese Center (Building 8) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

Nondiscrimination Policy: South Plains College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Vice President for Student Affairs, South Plains College, 1401 College Avenue, Box 5, Levelland, TX 79336. Phone number 806-716-2360.

Title IX Pregnancy Accommodations Statement If you are pregnant, or have given birth within six months, Under Title IX you have a right to reasonable accommodations to help continue your education. To [activate](#) accommodations you must submit a Title IX pregnancy accommodations request, along with specific medical documentation, to the Director of Health and Wellness. Once approved, notification will be sent to the student and instructors. It is the student's responsibility to work with the instructor to arrange accommodations. Contact the Director of Health and Wellness at 806-716-2362 or email cgilster@southplainscollege.edu for assistance.

Campus Concealed Carry: Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in South Plains College buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and South Plains College policy, license holders may not carry a concealed handgun in restricted locations. For a list of locations and Frequently Asked Questions, please refer to the Campus Carry page at: <http://www.southplainscollege.edu/campuscarry.php> Pursuant to PC 46.035, the open carrying of handguns is prohibited on all South Plains College campuses. Report violations to the College Police Department at 806-716-2396 or 9-1-1.

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 in 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 in 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 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!

Open Lab Hours:

- **SPC Levelland – Technology Center:**
 - Monday-Thursday: 7:30 am to 9:00 pm and Friday: 8:00 am to 4:00 pm
- **SPC Reese – RC 827:**
 - Monday-Thursday: 8:00 am to 8:00 pm and Friday: 8:00 am to 4:00 pm
- **SPC Plainview – PC 126:**
 - Monday-Thursday: 8:00 am to 9:30 pm and Friday: 8:00 am to 4:00 pm

Exams: There will be two exams given at the end of Unit 1 and Unit 2. Exams will be given in 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 in 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.