

South Plains College

Common Course Syllabus: ITNW 1309

Semester: Fall 2024

Revised 08/21/2024

Department: Computer Information Systems

Discipline: Technical Education Division and Arts and Sciences Division

Course Number: ITNW 1309

Course Title: Fundamentals of Cloud Computing

Instructor Contact Information:

Name: Michael Slaughter

Office Location: TC211 (Levelland) / LBC 120D (Lubbock Center)

Email: mslaughter@southplainscollege.edu

Office Phone: (806) 716-2242

Book a Meeting: [Book time with Slaughter, Michael H](#)

Course Sections:

Section: ITNW1309.151

Format: Online

Campus: Online

Classroom: Online

Lecture: Online

Lab: Online

Course Description:

Introduction to Cloud computing from a business and technical perspective, including Cloud concepts, services, architecture, system integration, connectivity, data center

migration, administration, security, compliance, and technical support. Coverage includes preparation for industry certifications. Topics may adapt to changes in industry practices.

Prerequisite: None

Credit: 3 Lecture: 2 Lab: 4

Textbook:

Ascend Academy Courseware: Microsoft Azure Fundamentals, ISBN: 9781736358870 - The access code may be purchased from the SPC bookstore or from Ascend directly using the course link in Blackboard.

In addition to this, the instructor will supply other reading and video resources to the student.

Supplies:

- Reliable Internet Connection
- Computer with Windows OS (Recommended) or Mac OS (Not a Chromebook)
- Google Chrome

Student Learning Outcomes:

Identify the essential characteristics of Cloud services, including: on-demand self-service, broad network access, resource pooling, rapid elasticity, and measured service; describe the organizational capabilities relevant for realizing Cloud benefits, including adequate planning, required IT skills, gradual/staged migration pathways, identifying critical success factors, etc.; describe the steps that lead to the successful adoption of Cloud and the implications for organizations; describe data center infrastructure management (DCIM) processes and solutions, including the software and hardware tools used to organize and manage resources; create, manage, and scale a virtual server in a Cloud environment; describe Cloud maintenance operations including: security patches, updating Cloud elements, and backup operations; identify business drivers for Cloud computing and assessing their economic impact.

Student Learning Outcomes Assessment:

- Required reading assignments
- Required lecture videos
- Supplemental videos and/or reading

- Hands-on labs using Ascend interface and other software
- Quizzes
- Online discussions and writing projects
- Exams

Course Evaluation:

Students will be evaluated by assignments, exams, and projects.

Category	Percentage
Assignments and Hands-On Labs	40%
Exams and Quizzes	30%
Final Exam	30%

Attendance Policy:

Students are expected to attend all classes in order to be successful in a course.

Class attendance, even online, is extremely important in order to meet the objectives of this course. Students are responsible for initiating their own withdrawal/drop, if that becomes necessary. See the General Catalog Attendance Policy for additional information.

COVID-19:

For more 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, textbooks, 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.

Withdrawal Policy:

Students that withdraw from the course will receive a grade of W. 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 semester. Course averages will be updated regularly throughout the semester to aid students in their decision to drop the course or not.

- Please check the SPC academic calendar for the last day to withdraw/drop the course here: <https://www.southplainscollege.edu/academiccalendar/>
- For more information regarding drops/withdrawals, please visit: <https://www.southplainscollege.edu/admission-aid/apply/schedulechanges.php>

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.

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 more information regarding official South Plains College statements about intellectual exchange, disabilities, non-discrimination, Title IX pregnancy accommodations, and campus concealed carry, please visit:

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

IMPORTANT INFORMATION BELOW

Communication:

This is an online class and all communication for this class will be conducted through SPC email. All students will be required to check their SPC student email accounts regularly for course updates and announcements. All replies to emails will be sent to the student's SPC email address. Please include your name, course name, and section number in all email communication.

Course Rigor:

This course will include multiple assignments, hands-on labs, discussions/writing assignments, quizzes, and exams. Please be aware that to succeed in this course you must dedicate several hours each week to reading, studying, and completing the assigned coursework.

Reading Assignments, Online Lectures, and Supplemental Material:

This course will include multiple reading assignments, multiple online lectures, and some supplemental material. The student is expected to go through all this material each week. It will greatly benefit the student to revisit previous weeks reading and lectures to help retain information. Students are encouraged to use good study habits to learn and memorize the necessary information.

Coursework:

Each week's coursework will be available through Blackboard and may link to outside learning management systems or other platforms. Course work is organized into modules. Each module will contain links to the reading, links to the lectures, links to submit hands-on labs, and links to submit quizzes and/or exams. The course calendar outlining due dates and availability times is available on Blackboard. No late work is accepted for any reason! You are expected to complete all homework assignments within the due dates indicated.

It is important for you to start coursework early in the week. Do not wait until the day it is due to start the coursework or report problems. If you report problems on the due date of an assignment, the instructor is not obligated to re-open any assignments for you. Start your homework early in the week and complete it with time to spare!

Exams (Knowledge Checks) and Quizzes:

These exams may include multiple-choice/answer, matching, essay, and other question types. Students should complete all coursework in the designated modules and study the material in those modules before taking the module exam. Exams will be open for several days and must be completed by the due date indicated. No late exams will be given.

Late-Work and Coursework Extensions:

No late coursework (pretests, simulations, grader projects, exams, team projects, etc.) will be accepted. No extensions will be given for any coursework. There are two exceptions to this policy. One, you are severely ill and/or hospitalized. If this is the case, you must contact DeEtte Edens at dedens@southplainscollege.edu or at (806) 716-2376 and submit the required documentation to her. She will notify me if the illness warrants an extension. Two, there is a verified service outage of the SPC Blackboard system and/or the Pearson MyLab IT system. A verified outage means the SPC Information Services department, the SPC Instructional Education department, and/or the Pearson System notify and acknowledge a substantial recorded downtime. If this occurs, an extension will be granted at the instructor's discretion.

Keep in mind, issues with the student's internet connection and/or computer equipment do not warrant an extension. Also, the instructor will administratively drop some grades at the end of the semester to cover the occasional times that students are unable to complete coursework due to family issues, illness, and/or computer-related issues.

Gradebook:

Grades will be available the Blackboard grade book. The Blackboard grade book will be updated regularly throughout the semester.

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.