

South Plains College-Reese Center Course Syllabus

COURSE: **RADR 2217-200 (2:0:0), Introduction to Radiography and Patient Care**
SEMESTER: **Fall 2020**
CLASS TIMES: **TR: 11:00-12:15**
INSTRUCTOR: **Erica Castillo**
OFFICE: **RC 512H**
OFFICE HOURS: **MW: 11:30-2:30 TR: 9:00-11:00 F: by appointment**
OFFICE PHONE: **806-716-4628**
E-MAIL: **ecastillo@southplainscollege.edu**

“South Plains College improves each student’s life.”

GENERAL COURSE INFORMATION

It is the responsibility of each student to be familiar with the content and requirements listed in the course syllabus.

COURSE DESCRIPTION

This course provides an overview of the disease processes and their appearance on radiographic images.

COURSE OBJECTIVE

This course will introduce various types of diseases visualized on radiographic images and will prepare the student to be able to distinguish the diseases as being normal or abnormal findings.

STUDENT LEARNING OUTCOMES

Classify types of diseases; explain the pathogenesis of common diseases; differentiate between normal and abnormal radiographic findings; and correlate normal and abnormal radiographic findings.

EVALUATION METHODS

The course grade will be determined by a combination of pop quizzes, a pathology project, major exams and a comprehensive final exam.

ACADEMIC INTEGRITY

It is the aim of the faculty of South Plains College to foster a spirit of complete honesty and a high standard of integrity. The attempt of any student to present as his or her own any work which he or she has not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences, possibly suspension.

Cheating - Dishonesty of any kind on examinations or on written assignments, illegal possession of examinations, the use of unauthorized notes during an examination, obtaining information during an examination from the textbook or from the examination paper of another student, assisting others to cheat, alteration of grade records, illegal entry or unauthorized presence in the office are examples of cheating. **Complete honesty is required of the student in the presentation of any and all phases of coursework.** This applies to quizzes of whatever length, as well as final examinations, to daily reports and to term papers and projects.

Plagiarism - Offering the work of another as one's own, without proper acknowledgment, is plagiarism; therefore, any student who fails to give credit for quotations or essentially identical expression of material taken from books, encyclopedias, magazines and other reference works, or from themes, reports or other writings of a fellow student, is guilty of plagiarism.

If found cheating or plagiarizing, the student’s future in this program will be based on the decisions from the Allied Health Departmental Director’s Committee.

BLACKBOARD

Blackboard is an e-Education platform designed to enable educational innovations everywhere by connecting people and technology. This educational tool will be used in this course throughout the semester.

The student should only access his or her own Blackboard account. Granting permission to another or accessing another student's Blackboard account is prohibited and against the Academic Integrity code.

SOCIAL MEDIA

Facebook: <https://www.facebook.com/spcradtechprogram>

Instagram: <https://www.instagram.com/spcradtech/>

SCANS and FOUNDATION SKILLS

Scans and foundation skills are identified for specific course objectives. A complete list explaining these skills is attached to the back of the syllabus for your information.

COURSE COMPETENCIES

Students are expected to maintain a grade average of C (75) in all Radiography classes in order to progress appropriately through the Radiography Program. Satisfactory completion of this course will prepare the student for clinical assignments and application of principles in advanced radiographic procedures. This information will be provided to the student through a series of lectures, class discussions, videos, a role playing exercises, and textbook reading assignments.

SPECIFIC COURSE INFORMATION

REQUIRED TEXT AND MATERIALS

Kowalczyk, Nina. Radiographic Pathology for Technologists. 7th Edition.

ATTENDANCE POLICY

SPC - 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.

When an unavoidable reason for class absence arises, such as illness, an official trip authorized by the college or an official activity, the instructor may permit the student to make up work missed. It is the student's responsibility to complete work missed within a reasonable period of time as determined by the instructor. Students are officially enrolled in all courses for which they pay tuition and fees at the time of registration. Should a student, for any reason, delay in reporting to a class after official enrollment, absences will be attributed to the student from the first class meeting.

Students who enroll in a course but have "Never Attended" by the official census date, as reported by the faculty member, will be administratively dropped by the Office of Admissions and Records. A student who does not meet the attendance requirements of a class as stated in the course syllabus and does not officially withdraw from that course by the official census date of the semester, may be administratively withdrawn from that course and receive a grade of "X" or "F" as determined by the instructor. Instructors are responsible for clearly stating their administrative drop policy in the course syllabus, and it is the student's responsibility to be aware of that policy.

It is the student's responsibility to verify administrative drops for excessive absences through MySPC using his or her student online account. If it is determined that a student is awarded financial aid for a class or classes in which the student never attended or participated, the financial aid award will be adjusted in accordance with the classes in which the student did attend/participate and the student will owe any balance resulting from the adjustment.

SPC Radiologic Technology - Class attendance is mandatory. Students with **three (3) absences** will be counseled. **Students are allowed five (5) absences during fall semester.** After the 5th absence, the student will be dropped from the program regardless of the student's grade. Policies regarding absences coincide with those established for South Plains College as outlined in the SPC General Catalog.

It is extremely important that students arrive for class **ON TIME**. **Tardiness** disrupts the instructor and the other students. Students who chronically arrive late will be counseled. The student should be prepared for class at the scheduled class start time. **3 tardies will equal one absence.**

Students with perfect attendance and two (2) or less tardies will be awarded two (2) points to their final grade at the end of the semester.

***Daily attendance will be taken promptly at the beginning of class.**

DROPS AND WITHDRAWALS

<http://www.southplainscollege.edu/admission-aid/apply/schedulechanges.php>

ADVISING

<http://www.southplainscollege.edu/admission-aid/advising/spcadvisors.php>

FACE COVERINGS

It is the policy of South Plains College for the Fall 2020 semester that as a condition of on-campus enrollment, all students are required to engage in safe behaviors to avoid the spread of COVID-19 in the SPC community. Such behaviors specifically include the requirement that all students properly wear CDC-compliant face coverings while in SPC buildings including in classrooms, labs, hallways, and restrooms. Failure to comply with this policy may result in dismissal from the current class session. If the student refuses to leave the classroom or lab after being dismissed, the student may be referred to the Dean of Students on the Levelland campus or the Dean/Director of external centers for Student Code of Conduct Violation.

INSTRUCTIONAL METHODS

The student will receive course information through a series of lectures, PowerPoint presentations, lab assignments, and textbook assignments.

CLASSROOM PARTICIPATION

Attending class regularly will provide the student opportunity to supplement their reading assignments and acquire a better understanding of the course material. Class time missed will result in information gaps and will increase course difficulty. It is the student's responsibility to attend class which will enable him or her to take notes, ask questions, and participate in class discussions. Information handouts may be given in certain instances, but the student should not rely on them. The student is encouraged to take adequate notes during class. Recording class is permitted.

ASSIGNMENT POLICY

The student is responsible for being prepared for class, which means reading the assigned chapters and/or pages from the textbook prior to class. The textbook is a mandatory requirement. **The student must bring the textbook/e-book to every class.** **In some instances, information from the reading assignments not covered during class may be included on an exam.**

COMPUTER USAGE

As computer technology in the field of health occupations continues to become more popular, computers will be used in this course for several assignments. All students have access to open computers and printers on the South Plains College campus. Students will be expected to utilize computers to access assignments and classroom resources. All registered students are supplied with a working email account from South Plains College. In order to take exams, students must have their user name and password.

ALL STUDENTS ARE EXPECTED TO KNOW THEIR SPC STUDENT USER NAME AND PASSWORD.

COMPUTER LAB USAGE

The open computer lab(s) on any campus may be used by students during scheduled open hours or as assigned by an instructor. Printer paper will not be provided for students to print materials, but students may seek assistance from faculty or staff to request lab paper from the college if needed. Lack of computer lab paper is not an excuse for not having homework assignments, skills lab sheets, or any other required documents. Students should come prepared for class.

REVIEW

If a student needs assistance with reviewing any of the information given during class or lab, the student is encouraged to make an appointment with the instructor.

CONFERENCES

If at any time a student is not satisfied with their overall performance, he/she is encouraged to schedule an appointment with me. If necessary, a plan can be developed to help the student improve in their areas of weakness.

GRADING RUBRIC

Grades in this course will be determined using the following criteria:

Assessment Tool	Assessment Criteria	Percentage Score	Grade
PATHOLOGY PROJECT 20%	✓ Exceptional unit content knowledge & understanding	90 – 100	A
	✓ Good unit content knowledge & understanding	80 – 89	B
	✓ Average unit content knowledge & understanding	75 – 79	C
	✓ Unacceptable unit content knowledge & understanding	0 – 74	F
MAJOR EXAMS 50%	✓ Exceptional course content knowledge & understanding	90 – 100	A
	✓ Good course content knowledge & understanding	80 – 89	B
	✓ Average course content knowledge & understanding	75 – 79	C
	✓ Unacceptable unit content knowledge & understanding	0 – 74	F
FINAL EXAM 30%	✓ Exceptional unit content knowledge & understanding	90 – 100	A
	✓ Good unit content knowledge & understanding	80 – 89	B
	✓ Average unit content knowledge & understanding	75 – 79	C
	✓ Unacceptable unit content knowledge & understanding	0 – 74	F

Course Grade: A	90 – 100
B	80 – 89
C	75 – 79
F	0 – 74

A grade average of C (75) must be maintained in all RADR classes. Failure to do so will result in the student being dropped from the program.

CLASS ASSIGNMENTS

Pathology Project – 20%

A pathology project will be worked on throughout the semester outside of class.

The following guidelines will be followed regarding **Pathology Project**:

1. The student will have a pathology project rubric to follow.
2. Each student will prepare a pathology project that will be presented orally by power point to the class.
3. Examples of the pathology project can be found on Blackboard.
4. The student will work on the pathology project outside of class.
5. The student must work on the pathology project independent from other students however, help from the instructor is permitted.
6. The pathology project is due by the assigned due dates and times. Due dates are posted on the class schedule and the grading rubric found on Blackboard. **Late work will NOT be accepted.**

Major Exams – 50%

Scheduled major exams will be given throughout the semester following each module presented. Exams will be taken electronically in the computer lab.

The following guidelines will be followed regarding **Major Exams**:

1. The student will complete the exam at the scheduled time. **Make-up exams are at the instructor's discretion.**
2. The student must complete the exam within the allotted class time of **75 minutes**.
3. If a test must be missed, the weight of the final exam will be increased.
4. A student arriving late for an exam will not be allowed to take the exam if **any** student has completed the exam and has left the room. This will also count as a tardy.
5. **Only** a blank paper and pencil/pen may be used during an exam.
6. No cell phones, smart watches, calculators or other electronic assistance devices are allowed during exams.
7. **Should classes be moved to an online format?** All major exams during this online format classroom will be taken using Proctorio. Proctorio utilizes the student's computer camera, microphone, IP address, mouse, keyboard, & location services to monitor the exam. It is the responsibility of the student to have access to a computer with a camera & microphone.

Final Exam – 30%

A scheduled comprehensive final exam will be given at the end of the semester. Two hours will be allotted for an exam of approximately 110 multiple choice questions and will be taken electronically in the computer lab.

The following guidelines will be followed regarding the **Final Exam**:

1. The final exam will be comprehensive.
 2. The final exam must be completed within the allotted time, **2 hours**.
 3. A student arriving late for an exam will not be allowed to take the final exam if **any** student has completed the exam and left the room.
 4. **Only** a blank paper and pencil/pen may be used during the final exam.
 5. No cell phones, smart watches, calculators or other electronic assistance are allowed during exams.
 6. If a student is unable to take the final exam at the assigned time for any reason, the student may be given an incomplete for the course.
-

COMMUNICATION POLICY

Electronic communication between instructor and students in this course will utilize the South Plains College “My SPC” email systems and Remind ®. The instructor will not initiate communication using private email accounts. Students are encouraged to check SPC email on a **daily basis**.

STUDENT CONDUCT

Students in this class are expected to abide by the standards of student conduct as defined in the SPC Student Guide and the Radiologic Technology Program Student Handbook.

Rules and regulations relating to the students at South Plains College are made with the view of protecting the best interests of the individual, the general welfare of the entire student body and the educational objectives of the college. As in any segment of society, a college community must be guided by standards that are stringent enough to prevent disorder, yet moderate enough to provide an atmosphere conducive to intellectual and personal development.

A high standard of conduct is expected of all students. When a student enrolls at South Plains College, it is assumed that the student accepts the obligations of performance and behavior imposed by the college relevant to its lawful missions, processes and functions. Obedience to the law, respect for properly constituted authority, personal honor, integrity and common sense guide the actions of each member of the college community both in and out of the classroom.

Students are subject to federal, state and local laws, as well as South Plains College rules and regulations. A student is not entitled to greater immunities or privileges before the law than those enjoyed by other citizens. Students are subject to such reasonable disciplinary action as the administration of the college may consider appropriate, including suspension and expulsion in appropriate cases for breach of federal, state or local laws, or college rules and regulations. This principle extends to conduct off-campus which is likely to have adverse effects on the college or on the educational process which identifies the offender as an unfit associate for fellow students.

Any student who fails to perform according to expected standards may be asked to withdraw.

Rules and regulations regarding student conduct appear in the current Student Guide.

CELL PHONES

Cellphones must be put away and are to be turned **off** or put on **silent** during scheduled class/lab periods, unless prior approval has been given from the instructor. Cell phones are to be used only **outside** of the classroom while class is in session. **THIS INCLUDES TEXT MESSAGING AND/OR INTERNET BROWSING.**

Students will be dismissed from class/lab and sent home if a phone continuously rings/vibrates or if the student is discovered texting or browsing the internet. If dismissed from class, the student will receive an **absence** for the day. In case of emergencies, the student can also be reached by calling the front desk at (806)716-4622.

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, please refer to the SPC policy at: (http://www.southplainscollege.edu/human_resources/policy_procedure/hhc.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.

COVID-19

Please refer to the COVID-19 policy in the Cohort page on Blackboard.

ACCOMMODATIONS

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.

DISABILITIES 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.

NON-DISCRIMINATION STATEMENT

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.

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.

COURSE OUTLINE AND OBJECTIVES

INTRODUCTION TO PATHOLOGY

The student will be able to:

1. Define common terminology associated with the study of disease.
2. Differentiate between signs and symptoms.
3. Distinguish between disease diagnosis and prognosis.
4. Describe the different types of disease classifications.
5. Cite characteristics that distinguish benign from malignant neoplasms.
6. Describe the system used to stage malignant tumors.
7. Identify the difference in origin of carcinoma and sarcoma.

SKELETAL SYSTEM

The student will be able to:

1. Describe the anatomic components of the skeletal system on a macroscopic level and basic microscopic level.
2. Identify and explain the criteria for assessing technical adequacy of skeletal radiographs.
3. Characterize a given condition as congenital, inflammatory, arthritic, or neoplastic.

4. Specify the pathogenesis, signs and symptoms, and prognosis of the skeletal pathologies cited in this chapter.
5. Explain the role of various imaging modalities in the diagnosis and treatment of skeletal pathologies.

RESPIRATORY SYSTEM

The student will be able to:

1. Describe the anatomic components of the respiratory system.
2. Describe the various types of tubes, vascular access lines, and catheters used in relation to the respiratory system.
3. Characterize a given condition as congenital, inflammatory, or neoplastic.
4. Identify the pathogenesis of the chest pathologies cited and the typical treatments for them.
5. Describe, in general, the radiographic appearance of each of the given pathologies.

CARDIOVASCULAR SYSTEM

The student will be able to:

1. Describe the anatomic components of the cardiovascular system.
2. Explain the appearance of the various portions of the heart on conventional chest radiographs.
3. Describe each segment of the cardiac cycle.
4. Discuss the role of other imaging modalities in the diagnosis, treatment, and management of cardiovascular disorders.
5. Differentiate among the major congenital anomalies of the cardiovascular system.
6. Identify the pathogenesis of the diseases cited and the typical treatment(s) for each.
7. Describe, in general, the radiographic appearance of each of the given pathologies.

ABDOMEN AND GASTROINTESTINAL SYSTEM

The student will be able to:

1. Describe the anatomic components of the abdomen and the gastrointestinal system and how they are visualized radiographically.
2. Compare and contrast the various imaging modalities used in the evaluation of the abdomen and gastrointestinal system.
3. Identify the tubes and catheters related to the gastrointestinal system by type, and explain their use.
4. Characterize a given condition as congenital, inflammatory, neurogenic, or neoplastic.
5. Identify the pathogenesis of the gastrointestinal diseases cited and typical treatments for them.
6. Describe, in general, the radiographic appearance of each of the given pathologies.
7. Understand which imaging modalities foster the diagnosis of the cited abdominal and gastrointestinal pathologies.

URINARY SYSTEM

The student will be able to:

1. Describe the anatomic components of the urinary system and their functions.
2. Discuss the role of other modalities in imaging the urinary system, particularly sonography and computed tomography.
3. Discuss common congenital anomalies of the urinary system.
4. Characterize a given condition as inflammatory or neoplastic.
5. Identify the pathogenesis of the diseases cited and the typical treatments for each.
6. Describe, in general, the radiographic appearance of each of the given pathologies.

CENTRAL NERVOUS SYSTEM

The student will be able to:

1. Describe the anatomic components of the central nervous system and their general function.
2. Discuss the roles of the various imaging modalities in evaluation of the central nervous system, particularly magnetic resonance imaging and computed tomography.
3. Discuss common congenital anomalies of the central nervous system.
4. Characterize a given condition as inflammatory, degenerative, vascular, or neoplastic.
5. Identify the pathogenesis of the diseases cited and the typical treatments for each.
6. Discuss the imaging modalities most commonly used for each type of central nervous system pathology discussed in this chapter.
7. Describe, in general, the radiographic appearance of each of the given pathologies.

HEMATOPOIETIC SYSTEM

The student will be able to:

1. Identify the major constituents of blood and describe the function of each constituent.
2. Specify the various blood types.
3. Explain the role of the lymphatic system in terms of immunity.
4. Describe the pathogenesis, prognosis, and signs and symptoms of the disease processes discussed in this chapter.
5. Identify the various imaging modalities used in diagnosing hematopoietic disorders.

REPRODUCTIVE SYSTEM

The student will be able to:

1. Discuss the basic anatomic structures associated with the male and female reproductive systems.
2. Briefly explain the role of general radiography, mammography, diagnostic medical sonography, computed tomography, and magnetic resonance imaging in the diagnosis and treatment of reproductive system disorders.
3. Compare and contrast breast imaging modalities, including diagnostic *versus* screening mammography, localization techniques, and sonography.
4. Differentiate among the major congenital anomalies of the female reproductive system.
5. Describe the various neoplastic diseases of both the female and male reproductive systems in terms of etiology, incidence, signs and symptoms, treatment, and prognosis.
6. Differentiate among the common disorders during pregnancy and explain the role of diagnostic medical sonography in the management of the gravid female.

TRAUMATIC DISEASE

The student will be able to:

1. Differentiate among level I, II, and III trauma centers and the role each plays in the emergency medical system.
2. Define common terminology associated with traumatic disease.
3. Discuss the roles of various imaging modalities in the evaluation and treatment of traumatic injuries.
4. Describe, in general, the radiographic appearance of each of the given pathologies.
5. Classify skeletal fractures according to the various classifications discussed in this chapter and describe the healing process associated with skeletal trauma.
6. Describe the general methods used for the treatment of skeletal fractures.

FOUNDATION SKILLS

BASIC SKILLS—Reads, Writes, Performs Arithmetic and Mathematical Operations, Listens and Speaks

F-1 Reading—locates, understands, and interprets written information in prose and in documents such as manuals, graphs, and schedules.

F-2 Writing—communicates thoughts, ideas, information and messages in writing and creates documents such as letters, directions, manuals, reports, graphs, and flow charts.

F-3 Arithmetic—performs basic computations; uses basic numerical concepts such as whole numbers, etc.

F-4 Mathematics—approaches practical problems by choosing appropriately from a variety of mathematical techniques.

F-5 Listening—receives, attends to, interprets, and responds to verbal messages and other cues.

F-6 Speaking—organizes ideas and communicates orally.

THINKING SKILLS—Thinks Creatively, Makes Decisions, Solves Problems, Visualizes and Knows How to Learn and Reason

F-7 Creative Thinking—generates new ideas.

F-8 Decision-Making—specifies goals and constraints, generates alternatives, considers risks, evaluates and chooses best alternative.

F-9 Problem Solving—recognizes problems, devises and implements plan of action.

F-10 Seeing Things in the Mind's Eye—organizes and processes symbols, pictures, graphs, objects, and other information.

F-11 Knowing How to Learn—uses efficient learning techniques to acquire and apply new knowledge and skills.

F-12 Reasoning—discovers a rule or principle underlying the relationship between two or more objects and applies it when solving a problem.

PERSONAL QUALITIES—Displays Responsibility, Self-Esteem, Sociability, Self-Management, Integrity and Honesty

F-13 Responsibility—exerts a high level of effort and perseveres towards goal attainment.

F-14 Self-Esteem—believes in own self-worth and maintains a positive view of self.

F-15 Sociability—demonstrates understanding, friendliness, adaptability, empathy and politeness in group settings.

F-16 Self-Management—assesses self accurately, sets personal goals, monitors progress and exhibits self-control.

F-17 Integrity/Honesty—chooses ethical courses of action.

SCANS COMPETENCIES

C-1 **TIME** - Selects goal - relevant activities, ranks them, allocates time, prepares and follows schedules.

C-2 **MONEY** - Uses or prepares budgets, makes forecasts, keeps records and makes adjustments to meet objectives.

C-3 **MATERIALS AND FACILITIES** - Acquires, stores, allocates, and uses materials or space efficiently.

C-4 **HUMAN RESOURCES** - Assesses skills and distributes work accordingly, evaluates performances and provides feedback.

INFORMATION - Acquires and Uses Information

C-5 Acquires and evaluates information.

C-6 Organizes and maintains information.

C-7 Interprets and communicates information.

C-8 Uses computers to process information.

INTERPERSONAL–Works With Others

C-9 Participates as a member of a team and contributes to group effort.

C-10 Teaches others new skills.

C-11 Serves Clients/Customers–works to satisfy customer’s expectations.

C-12 Exercises Leadership–communicates ideas to justify position, persuades and convinces others, responsibly challenges existing procedures and policies.

C-13 Negotiates-works toward agreements involving exchanges of resources; resolves divergent interests.

C-14 Works With Diversity–works well with men and women from diverse backgrounds.

SYSTEMS–Understands Complex Interrelationships

C-15 Understands Systems–knows how social, organizational, and technological systems work and operates effectively with them.

C-16 Monitors and Corrects Performance–distinguishes trends, predicts impacts on system operations, diagnoses systems performance and corrects malfunctions.

C-17 Improves or Designs Systems–suggests modifications to existing systems and develops new or alternative systems to improve performance.

TECHNOLOGY–Works with a Variety of Technologies

C-18 Selects Technology–chooses procedures, tools, or equipment, including computers and related technologies.

C-19 Applies Technology to Task–understands overall intent and proper procedures for setup and operation of equipment.

C-20 Maintains and Troubleshoots Equipment–prevents, identifies, or solves problems with equipment, including computers and other technologies.



SYLLABUS ACKNOWLEDGEMENT (required)

After reading and understanding the contents of this syllabus:

- Go to SPC's Blackboard, <https://southplainscollege.blackboard.com>
- Choose the RADR 2217-200 course
- Click on the Discussion content area
- Click on Syllabus Acknowledgement
- Click on Create Thread
- In the Subject field type: Syllabus
- In the Message field type:
I, (fill in your first and last name), student ID (xxxxxxx), have received a copy of the 2020 RADR 2217-200 course syllabus. I have read and understand the contents of this syllabus.