

Levelland Campus

### Course Syllabus

COURSE: RNSG 2307.001 Adaptation to Role of Professional Nurse (3:2:2)  
SEMESTER: Spring 2023  
CLASS DAYS: Wednesdays  
CLASS TIMES: 09:00 A.M. to 4:00 P.M.  
FACEBOOK: <https://www.facebook.com/SPCNursing17/>

Name	Phone Number	Email	Office	Hours
Jessica Williams MSN, RN, Course Leader	806.716.2977 (o)	<a href="mailto:jlwilliams@southplainscollege.edu">jlwilliams@southplainscollege.edu</a>	AH112G	By appointment

**“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\*

#### COVID

The following statement should be included in all course syllabi for face-to-face and hybrid instruction options:

If you are experiencing any of the following symptoms, please do not attend class and either seek medical attention or test for COVID-19.

- Cough, shortness of breath, difficulty breathing
- Fever or chills
- Muscles or body aches
- Vomiting or diarrhea
- New loss of taste and smell

Please also notify DeEtte Edens, BSN, RN, Associate Director of Health & Wellness, at [dedens@southplainscollege.edu](mailto:dedens@southplainscollege.edu) or 806-716-2376. Proof of a positive test is required. A home test is sufficient but students must submit a photo of the positive result. The date of test must be written on the test result and an ID included in the photo. If tested elsewhere (clinic, pharmacy, etc.), please submit a copy of the doctor’s note or email notification. Results may be emailed to DeEtte Edens, BSN, RN at [dedens@southplainscollege.edu](mailto:dedens@southplainscollege.edu).

A student is clear to return to class without further assessment from DeEtte Edens, BSN, RN if they have completed the 5-day isolation period, symptoms have improved, and they are without fever for 24 hours without the use of fever-reducing medication.

Students must communicate with DeEtte Edens, BSN, RN prior to their return date if still symptomatic at the end of the 5-day isolation.

#### COURSE DESCRIPTION

Adaptation to Role of Professional Nurse 2307 (3:2:2). Pre-requisite: ENGL 1301, BIOL 2401, BIO 2420, PSYC 2314, with a grade of “C” or better. This course must be taken concurrently with RNSG 2260 & RNSG 2213. RNSG 2307 is a leveling course designed to meet the needs of advanced standing students. Selected concepts related to the role of the professional nurse as a provider of patient-centered care, patient safety advocate, member of health care team, and member of the profession. Review of trends and issues impacting nursing and health care today and in the future. Content includes knowledge, judgment, skills, and

professional values within a legal/ethical framework. This course lends itself to a concept-based approach. Content also includes a review of nursing theory, nursing skills, problem solving, critical thinking, nursing process, fluid/electrolytes, acid-base balance, enteral/parenteral nutrition, medication administration, dosage calculations, and intravenous therapy. The course is designed to prepare the student to apply critical thinking and the nursing process to hospitalized clients/families and/or groups experiencing recurring common health problems and stress of illness. Curriculum concepts reflected throughout include growth & development, nutrition, pharmacology, safety, delegation, and safe patient assignment. Communication skills as well as ethical/legal implications are integrated throughout the course. The nurse as a professional is emphasized in the professional roles of nursing: provider of patient-centered care, patient safety advocate, member of health care team, and member of the profession. Emphasis is placed on the unifying concepts of basic human needs, roles of the nurse, and professional nursing practice. Emphasis is also placed in critical thinking and the nursing process is applied to the adult experiencing the bio-psycho-socio-spiritual stressors of illness. Through simulated and actual experiences, the student learns to apply the nursing process to the adult client and to function in the professional role of nursing practice.

## **STUDENT LEARNING OUTCOMES—based on the 2020 Differentiated Essential Competencies (DECs) by the Texas Board of Nursing**

**At the completion of the semester, students will demonstrate proficiency as a**

### **I. Member of a Profession**

A licensed nurse who exhibits behaviors that reflect commitment to the growth and development of the role and function of nursing consistent with state and national regulations and with ethical and professional standards; aspires to improve the discipline of nursing and its contribution to society; and values self-assessment, self-care, and the need for lifelong learning.

A. Function within the nurse's legal scope of practice and in accordance with the policies and procedures of the employing health care institution or practice setting.

B. Assume responsibility and accountability for the quality of nursing care provided to patients and their families

C. Participate in activities that promote the development and practice of professional nursing.

D. Demonstrate responsibility for continued competence in nursing practice, and develop insight through reflection, self-analysis, self-care, and lifelong learning

### **II. Provider of Patient-Centered Care**

A licensed nurse who, based on educational preparation and scope of practice, accepts responsibility for the quality of nursing care and provides safe, compassionate nursing care using a systematic process of assessment, analysis, planning, intervention, and evaluation that focuses on the needs and preferences of patients and their families. The nurse incorporates professional values and ethical principles into nursing practice. The patients for ADN educated RNs include individual patients and their families.

A. Use clinical reasoning and knowledge based on the associate degree nursing program of study and established evidence-based practice as the basis for decision making in nursing practice.

*B. Determine the physical and mental health status, needs, and preferences influenced by culture, spirituality, ethnicity, identity, and social diversity of patients and their families, and the interpretation of comprehensive health assessment findings compared with evidence-based health data derived from the associate degree nursing program of study.*

*C. Analyze comprehensive assessment data to identify problems, formulate goals/outcomes, and develop plans of care for patients and their families using information from evidence-based practice in collaboration with patients, their families, and the interdisciplinary health care team*

*D. Provide safe, compassionate, comprehensive nursing care to patients and their families through a broad array of health care services.*

*E. Implement the plan of care for patients and their families within legal, ethical, and regulatory parameters and in consideration of disease prevention, wellness, and promotion of healthy lifestyles.*

*F. Evaluate and report patient outcomes and responses to therapeutic interventions in comparison to benchmarks from evidence-based practice, and plan follow-up nursing care.*

*G. Develop, implement, and evaluate teaching plans for patients and their families to address health promotion, maintenance, and restoration.*

*H. Coordinate human, information, and physical resources in providing care for patients and their families*

### **III. Patient Safety Advocate**

A licensed nurse who promotes safety in the patient and family environment by: following scope and standards of nursing practice; practicing within the parameters of individual knowledge, skills, and abilities; identifying and reporting actual and potential unsafe practices; and implementing measures to prevent harm.

*A. Demonstrate knowledge of the Texas Nursing Practice Act and the Texas Board of Nursing Rules that emphasize safety, as well as all federal, state, and local government and accreditation organization safety requirements and standards*

*B. Implement measures to promote quality and a safe environment for patients, self, and others.*

*C. Formulate goals and outcomes using evidence-based data to reduce patient risks.*

*D. Obtain instruction, supervision, or training as needed when implementing nursing procedures or practices.*

*E. Comply with mandatory reporting requirements of the Texas Nursing Practice Act*

*\* F. Accept and make assignments and delegate tasks that take into consideration patient safety and organizational policy.*

### **IV. Member of a Profession**

A licensed nurse who provides patient-centered care by collaborating, coordinating, and/ or facilitating comprehensive care with an interdisciplinary/multidisciplinary health care team to determine and implement best practices for the patients and their families.

*A. Coordinate, collaborate, and communicate in a timely manner with patients, their families, and the interdisciplinary health care team to plan, deliver, and evaluate patient-centered care.*

*B. Serve as a health care advocate in monitoring and promoting quality and access to health care for patients and their families*

*C. Refer patients and their families to resources that facilitate continuity of care; health promotion, maintenance, and restoration; and ensure confidentiality.*

*D. Communicate and manage information using technology to support decision-making to improve patient care.*

*\*E. Assign and/ or delegate nursing activities to other members of the health care team based upon an analysis of patient or workplace need.*

*\*F. Supervise nursing care provided by others for whom the nurse is responsible by using evidence-based nursing practice.*

*G. Participate with health care teams during local or global health emergencies or pandemics to promote health and safety and prevent disease.*

**COURSE OBJECTIVES - Based on the DEC's [noted in blue]** and SCANS (C-1, C-5, C-6, C-7, C-8, C-9, C-12, C-13, C-14, C-18, C-20; F-1, F-2, F-5, F-7, F-8, F-9, F-11, F-12, F-13, F-16, F-17) The complete knowledge portion of the DEC's appears at the end of this syllabus

**At the end of the course, the student will fulfill the student learning outcomes through meeting these objectives:**

1. Integrate ethical and legal responsibility and accountability for one's nursing practice. I.A.1-4, B.1-2
2. Demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills. I.A.1-4, B.4,7
3. Evaluate one's own caring behavior when interacting with patients, families, and members of the health care profession. I.B 1-2, 3, 5; II.D, 1,3
4. Integrate the roles of the professional associate degree nurse in the provision of care for adult patients and families. I.C. 1-5; II B. 11
5. Evaluate the responsibility for professional and personal growth and development. I. D.1-5
6. Integrate theoretical concepts with nursing knowledge and skills to meet the basic needs of patients, families, and/or groups throughout the life span in a variety of settings. II. A. 1.a.b; 2.c; C. 5 a. considers cultural, religious, spiritual, and social justice concepts in the delivery of professional nursing care II.A.2.b; B.5; C.5
7. Utilize critical thinking and systematic problem-solving process (nursing process) as a framework for providing care for adult patients in structured health care setting with complex health care needs. II. B. 1-3, C.2
8. Utilize critical thinking and problem-solving skills in prioritizing the management and coordination of all aspects of care. II.B. 6-9; C.4
9. Incorporate effective skills of communication and collaboration with patients, families, and/or groups in a variety of settings. II.C.1-2 a. integrates technology and its use in providing patient care appropriately. II. B. 10
10. Communicate in the appropriate language of the profession and the health care industry. II.D. 3-5
11. Maintain confidentiality of the patient, family, and health profession in accordance with federal statutes, BON rules and regulations, agency policies and SPC policies. I.B. 7
12. Integrate characteristics, concepts, and processes related to patients, including: anatomy and physiology; physical and psychosocial growth and development; pathophysiology and psychopathology; ethical reasoning; and cultural and spiritual beliefs and practices related to health, illness, birth, death and dying. II. B. 4, 9, 11
13. Integrate characteristics, concepts, and processes related to disease transmission, risk factors, preventive health practices and their implications for selected populations and community resources. II. B. 6
14. Demonstrate understanding of disease processes, pharmacotherapeutics, and other therapies and treatments. Safely administer medications and treatments within the plan of care. II. B. 7; C.11 a. utilizes structured assessment tools and concept maps to direct patient care II.B. 3
13. Integrate principals of teaching-learning in providing information to patients, families, and/or groups regarding promotion, maintenance, and restoration of health or the process of death and dying. II. G. 1-2
14. Integrate principals of advocacy to provide quality health care for patients, families, and/or groups. III.B. 1-3
15. Integrate actions and act as a health care advocate to provide quality health care for patients, families, and/or groups III. B. 3,4; C.2
16. Coordinate appropriate referral sources to meet the needs of patients, families, and/or groups. Evaluate the effectiveness of community resources in the deliver of health care to patients, families and/or other groups. II. G. 3
17. Delegates appropriate assignments to members of the health care team. IV. A.2-3
19. Coordinate health care team in delivering care to patients, families, and/or groups. IV. E. 1-4
20. Formulate safe cost-effective nursing care in collaboration with members of health care team using critical thinking, problem- solving and the nursing process in a variety of settings through direct care, assignment, or delegation of care. II.B. 12; C. 5

21. *Apply the theory, concepts, and skills involving specialized materials, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the nursing profession and health care industry. II.D. 2*

22. *Evaluate clinical data, current literature, responses, and outcomes to therapeutic interventions to make appropriate nursing practice decisions. I.B.5, D.3, II.A. 3*

## **COURSE OBJECTIVES**

DECs (Differentiated Essential Competencies) are attached in the student handbook.

## **EVALUATION METHODS**

The evaluation methods in this course will include computer-based exams and Course Point Plus assignments. Teaching methods: lecture, simulation scenarios, case studies, focus learning groups and possible online learning via: Zoom, Blackboard Collaborate and/or Microsoft Teams. This course will offer **face-to-face instruction** with online instruction provided to supplement and enhance learning. This course may take on a different format such as:

I. Lecture online with lab components face-to-face

Web Based: online assignment submissions, blackboard, ATI testing and learning modules, Lippincott's Course Point Plus pre-lecture quizzes, interactive case studies, interactive tutorials, content mastery and virtual simulations.

## **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 a student to present his or her own work which he or she has not honestly performed is regarded by the faculty and administration as a serious offense and renders the offender liable to serious consequences, including possible 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 all phases of coursework, including all quizzes, exams, and all assignments.

**Plagiarism** - Offering the work of another as one's own, without proper acknowledgment, is plagiarism. Any student who fails to give credit for quotations or essentially identical expression of material taken from books, encyclopedias, magazines, websites such as: blogs, journals, or articles, other referenced works, from themes, reports, and/or other writings of a fellow student, is guilty of plagiarism. If there is any suspicion of work completed by Artificial Intelligence (A.I.), the student and their work may be questioned, and if proven that A.I. was used will be considered guilty of plagiarism.

## **VERIFICATION OF WORKPLACE COMPETENCIES**

No external learning experiences are provided in this course but learning experiences in the lab provides the setting in which the student applies workplace competencies. Successful completion of the designated RNSG 2307 course outcomes will allow the student to continue to advance within the program. Successful completion of RNSG 2307 meets the requirements as stated in the Differentiated Essential Competencies of Graduates of Texas Nursing Program.

## 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.

## FACEBOOK

The nursing program has a Facebook page at <https://www.facebook.com/SPCNursing17/> In addition to the South Plains College website; this Facebook page will be used to keep students up-to-date on program activities, weather delays, South Plains College announcements and will help with program recruitment. “Liking” the South Plains College Nursing Facebook page is not mandatory, nor are personal Facebook accounts, to access this page.

## SCANS and FOUNDATION SKILLS

Refer also to Course Objectives. Scans and Foundation Skills attached.

### SPECIFIC COURSE INFORMATION TEXT AND MATERIALS (If a newer edition is available, the newer is the book of choice)

**You may purchase the physical text listed below in addition to Course Point Plus listed above if you prefer to have the physical textbook. You must have either the electronic text or physical textbook.**

Harrington, N. & Terry, C.L. (2019). *LPN to RN Transitions: Achieving Success in Your New Role*. (5<sup>th</sup> ed.). Philadelphia: Wolters Kluwer. ISBN: 9781496382733 (Book or Vital Source Ebook)

Hinkle, J., & Cheever, K. (current). **Lippincott Course Point Plus Enhanced Brunner & Suddarth's textbook of medical-surgical nursing** (current ed.). Wolters Kluwer Health: Lippincott Williams & Wilkins. ISBN: 9781975186777

Frandsen, G, & Pennington, S. (current). **Lippincott Course Point Plus Enhanced Abrams' Clinical Drug Therapy** (current ed.). Wolters Kluwer. ISBN: 9781975155995

Taylor, C., Lynn, P., & Bartlett, J. (current edition). *Taylor's Clinical Nursing Skills: A Nursing Process Approach (current edition)*. Wolters Kluwer. (Book or Vital Source Ebook)

A, Lopez. (current). *Fundamentals for Arithmetic Nursing Workbook*. Math for Nurses Course.

Nurse Think CJSim Access. <http://nursetim.com/package/south-plains-college-adn>. Select package for Transition semester students. This will not be available to purchase until school starts and final roster is submitted.

## RECOMMENDED TEXTS

Hinkle, J., & Cheever, K. (current). *Brunner & Suddarth's textbook of medical-surgical nursing* (current ed.). Wolters Kluwer Health: Lippincott Williams & Wilkins. ISBN: 9781975161033

Frandsen, G, & Pennington, S. (2020). *Abrams' Clinical Drug Therapy* (current ed.). Wolters Kluwer. ISBN:

9781975136130

American Psychological Association. (2020). *Publication manual of the American Psychological Association* (7th ed.). Washington, DC: Author. ISBN: 1433832178

Houghton, P., & Houghton, T. (2009). *APA: The easy way* (current ed.). XanEdu. ISBN: 9780923568962

Ogden, S. & Fluharty, L. (12th ed). *Calculations of Drug Dosages*. Mosby. ISBN 9780323826228

## **ADDITIONAL CLASSROOM ITEMS**

Students should come to class prepared. Power point lecture notes should be viewable during lecture. Students will be required to use a laptop computer or similar technology for exams and quizzes in the classroom. Students may use pen and paper or a laptop computer/tablet to take notes during lecture. Students are responsible to purchase a Blood Pressure Cuff, Stethoscope, Pen Light, and Pulse Oximeter. Students should be prepared to take notes over lecture material if they choose. Students may use personal laptops in the classroom to take notes if desired. An iPad will be checked out to each student for school use.

## **ATTENDANCE POLICY (\*READ CAREFULLY)**

### **Class Attendance**

Students are expected to attend all classes 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.

[http://catalog.southplainscollege.edu/content.php?catoid=47&navoid=1229#Class\\_Attendance](http://catalog.southplainscollege.edu/content.php?catoid=47&navoid=1229#Class_Attendance)

The SPC ADNP policy must be followed. Refer to the SPC ADNP Nursing Student Handbook to review this policy. In addition, refer to the attendance policy found in the South Plains College Catalog.

Punctual and regular class attendance, as stated in the SPC handbook, is required of all students attending South Plains College. According to SPC Student Handbook, there are no excused absences. The Instructor/course leader has the prerogative of dropping the student from the course for any absences.

Students are expected to attend all lecture days. In the event of illness, it is the student's responsibility to notify his/her instructor via email. Students are expected to attend all scheduled lab days; including but not limited to,

skills demonstrations, mass check off days, and scheduled recording sessions. **The student can miss no more than four (4) hours or one day of classroom lecture or lab hours.** Review table below for occurrences and consequences of absences and tardies. The course leader may initiate the withdrawal of the student for any absences from RNSG 2307, 2260, and 1115. Reinstatement is handled on an individual basis. Do not be tardy for lecture. Cellphones must be turned off during the lecture period or while in the NLRL (nursing learning resource lab).

Occurrence	Consequence
1st Absence	Will not be able to make up assignments or tests assigned that day.
2nd Absence	As Above. Will no longer be eligible for Final Exemption.
3rd Absence or 2 Absences + any Tardy	Dismissal from RNSG 2307,2260, and 1115.
1st Exam missed	Final Grade will substitute for the Exam grade. Will no longer be eligible for Final exemption.
2nd and subsequent Exam missed	Will receive Zero "0" for the grade.
Tardy after Announced start time	Tardy x 3 will be the same as an Absence
Failure to sign in on arrival to class	Will result in student being counted as absent for the day.
Use of cell phone without instructor approval	Will result in student being counted as absent for the day.
Leaving Class more than 1 hour early	Will result in student being counted as absent for the day.
Failure to follow dress code in class	Will result in student being counted as absent for the day.

### Dropping a Class

Dropping a class will be initiated by the instructor. If a student is not successful in one or more of the following courses: RNSG 1115, RNSG 2307, or RNSG 2260. The instructor will meet with the student to discuss which class(es) will be dropped and which class(es) a grade will be assigned. (RNSG 1115, RNSG 2307, and/or RNSG 2260). Last day to drop is April 27<sup>th</sup>, 2023.

### Withdrawing from All Classes

If a student wishes to withdraw from all courses, they should initiate that process with the Advising Office. They can schedule an appointment with an advisor by visiting <http://www.southplainscollege.edu/admissionaid/advising/spcadvisors.php> or by calling 806-716-2366.

### Schedule Change (after late registration and before census date)

To make a schedule change after late registration (September 3<sup>rd</sup>) and before the census date (September 20<sup>th</sup>), students should submit a [Schedule Change Form](#). After late registration, adding a class requires instructor approval. If a student is requesting to be added to one of your courses and you approve, please email [registrar@southplainscollege.edu](mailto:registrar@southplainscollege.edu) with your approval. This can take the place of signature on the Schedule Change Form that we have required in the past. For additional information regarding schedule changes, drops and withdrawals, [click here](#).

### COMPUTER USAGE

As computer technology in the field of health occupations continues to be a necessity, computers will be used in this course almost exclusively, except for a few assignments. All students have access to 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, the student should check this email regularly. To take exams, students must have their username and password. All students are expected to know their SPC student username and password.

## COMPUTER LAB USAGE

The 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.

## ASSIGNMENT POLICY

**All assignments must be completed by the assigned due date. Failure to complete any assignment by due date will result in a 15-point deduction each day late up to 2 days, at which time the student will receive a zero.** Assignments, quizzes, exams, and skills missed due to an unexcused absence may not be made up. Assignments are due by the assigned dates and by 2300 Central Standard Time (CST) on the course calendar. Students should contact faculty prior to the due date and time if they anticipate material will be late. Please note, contacting faculty will not guarantee the receipt of an extension for the assignment. Please allow enough time for preparation and submission of each assignment prior to the scheduled due date. Students will be asked to scan and upload documents into Blackboard. Scanners are in several locations on campus. Students may also choose to use their cellphone using the notes section (iPhone/iPad) or an app of choice (I-scan, etc.). Assignments must be uploaded as a PDF.

## Lippincott's Course Point +

**Course Point Plus will be included in the Course Assignment average worth 10% of your course average.** Student will complete assignments in Lippincott's Course Point +. These assignments link directly back to Brunner's and Suddath and Abrams pharmacology of Nursing text. Reading and comprehending this text will be crucial to your success in this course. These assignments will include pre-lecture quizzes, interactive case studies, tutorials, and/or virtual simulations. Students must complete the assignment in its entirety, including any documentation and reflection, which will be uploaded to Blackboard, if applicable. Students have unlimited attempts to achieve the highest grade desired on pre-lecture quizzes, interactive tutorials, and interactive case studies. Review schedule for all due dates on calendar. Failure to complete any assignment by due date will result in a 15-point deduction each day late up to 2 days, at which time the student will receive a zero. Access codes will be on Blackboard. Please see course calendar for due dates on Blackboard.

## CASE STUDY ASSIGNMENT

**The Case Study will be included in the Course Assignment average worth 10% of your course average** This assignment will be accounted as part of 10% of course assignments. The case study assignment is a group project for students to work together and present case to class. All information needed by the student will be followed by a rubric. A rubric will be presented on Blackboard with case study and students must follow to receive full credit for case study. This assignment will be presented on a PowerPoint and presented to a discussion board and to class. The student will also be given a in class quiz that correlates to case study via

Course Point Plus for a grade. All assignments will need references and citations within PowerPoint. All students from each group must sign contract on what they are responsible for doing on presentation and students must communicate with each other throughout project. Failure to complete any assignment by due date will result in a **15-point deduction** each day late up to 2 days, at which time the student will receive a zero. Please see course calendar for due dates on Blackboard.

## **CJ SIMULATION ASSIGNMENTS**

**CJ Sims maybe used as a grade, if so, it will be included in the Course Assignment average worth 10% of your course average.** CJ Sims maybe used as a grade. CJ Sims will be used for class assignments or activities, class teaching tools, Benchmark remediation, quizzes, or for simulation purposes. Students must follow due dates and class instruction to receive full credit if needed for each exercise. Please refer to your calendar for dates

## **QUIZZES**

**Quizzes maybe included in the Course Assignment average worth 10% of your course average.** Students are required to complete scheduled quizzes and unscheduled quizzes (pop-quizzes). If a student is late for a quiz or not in attendance in any way while a quiz is being conducted the student will not be able to take quiz and receive a zero. All quizzes will be taken on Exam soft platform. If not able to take quiz on Exam Soft only then will quiz be taken on Blackboard. Please refer to your calendar for dates

## **VOICEOVERS**

**Voiceovers maybe included in the Course Assignment average worth 10% of your course average.** Students may be required to use voiceovers to help them for pre-lecture assignments, if assigned. If lecture has to be cancelled due to increment weather or any other reason voiceovers may be used as supplemental lecture and participation is mandatory. Students will be required to listen to voiceover by due date and provide a reply that the student understands material or the student can ask questions to discuss during class lecture. Please refer to your calendar for dates

## **SKILLS**

**Skills are worth 10% in course assignment for course average.** All skills listed in RNSG 2307 skills that will be demonstrated by instructor and students to show competency. **All skills must be PASSED by the due date before going to clinical RNSG 2260.**

## **Skills LAB COMPONENT & CHECK-OFF**

**Skill grade will be 10% of the Final Course Grade.** Each skill must be passed per skill rubric listed on Blackboard by the assigned date. Failure to validate skill competency by the assigned date will result in failure of RNSG 2307. All required skills will be demonstrated during class time. Students are required to stay during practice time to practice skills demonstrated. All skills will be demonstrated and recorded by student, following rubric provided for each skill. The student may not have rubric in recording room with them, this time is considered testing. Students will need to be in full uniform and have 2 attempts 15 minutes to prep and 45 minutes to get the best recording per Main Attempt. It is the student's responsibility to be prepared to demonstrate all skills at all times according to list and given rubric. Student must be in full uniform for every checkoff. Please refer to your calendar for dates

**\*\*\*All skills will be graded per grading scale:**

1<sup>st</sup> Passed Main Attempt: 100%

2<sup>nd</sup> Passed Main Attempt: 87%

3<sup>rd</sup> Passed Main Attempt: 77%

3<sup>rd</sup> Failed Main Attempt: Failure of RNSG 2307

Skills grade will be determined by the average of Main Skills, IV, and Medication administration.

**LIVE INTRAVENOUS (IV) SKILLS CHECKOFF**

Students will initiate and discontinue an intravenous (IV) catheter on another student. This skills checkoff will be completed after the student has completed the IV demo and practice. This will be done in instructor led groups. Students must review, agree, and sign a consent form before the IV can be initiated and discontinued. The student may opt out of participation; however, the student must still demonstrate competency to pass the IV therapy portion of the skills. Please refer to your calendar for dates

**INTRAVENOUS (IV) THERAPY ADMINISTRATION**

Students will receive an instructor demonstration on how to complete IV drip rate, IV push through line, and how to set up a hospital pump. Students will be expected to demonstrate all 3 skills back to instructor with minimal to no instruction via rubric. Please refer to your calendar for dates

**Main Skills:**

1) Nasogastric Tube Insertion and Care 2) Sterile urinary catheter 3) Sterile CVL dressing change 4) Tracheostomy care & suctioning 5.) Wound Care	Show competency for all 5 skills via live checkoff 1 <sup>st</sup> time student will receive a scenario to tape and record. 2 <sup>nd</sup> and 3 <sup>rd</sup> will be recorded in Levelland Sim lab
IV Insertion/Discontinuation and IV therapy administration	Levelland Live IV Skills Checkoff 2 <sup>nd</sup> and 3 <sup>rd</sup> will be recorded in Levelland Sim lab
Medication (PO, IM, SQ, TD, IVP) Administration	1 <sup>st</sup> time student will receive a scenario to tape and record 2 <sup>nd</sup> and 3 <sup>rd</sup> will be recorded in Levelland Sim lab

**SKILLS REMEDIATION POLICY**

Students who are not successful in their skills will receive a Skill Enhancement Sheet with the following: 1) additional lab practice hours for each failed rubric/skill, 2) additional assignment(s) on failed skill(s). Students MUST complete assigned remediation plan according to Skill Enhancement Sheet prior to second or third attempt/recording and upload with next rubric attempts, failure to upload will cause a delay in grading process. Specific Skill Enhancement Sheet instructions are as follows: Please complete remediation as follows: Must complete remediation time that you are instructed to do. Practice Date/Time/Initials must be filled out by Lab instructor or course instructor at the beginning and at the end. Practice time begins after you have all supplies ready at bedside. Once you have completed practice time, and remediation sheet is signed by student and instructor, only then you will be able to sign up for another taping. Failure to produce this documentation will result in the inability to retape. All 2nd and 3rd attempts will need to be taped in full SPC uniform. Skills uploaded after the due date and time will not be watched, the student will receive a remediation form without feedback to be completed prior to recording for the second attempt. This will also apply for any attempts

submitted late. **Failure to complete remediation or pass the skill before the assigned due date per calendar will result in unsatisfactory of skill and student will fail RNSG 2307 and 2260.** Please refer to your calendar for dates

## EXAMS

**Unit exams will consist of 60% of the final course grade.** If students make less than a 77% on any exam, the student must make an appointment with an instructor to remediate (See Exam Remediation). Cell phones, smart watches, athletic Fitbits, student badges, personal calculators or any electronic learning device of any kind are not allowed in the computer lab at any time during testing, unless specified by instructor. Ball caps and large heavy jackets are to be left in the classroom during testing. Backpacks, handbags, food or drink not allowed in the computer lab at any time. All Exams may be taken on Exam Soft testing platform and students are expected to be taken on iPads. Students are responsible for coming to Exams with iPads charged, if iPad is not charged or student forgets to bring iPad, 15 points will be deducted from exam grade. Exam scores will not be rounded. Students are allowed to miss one test, if absent. **If the student misses a test they will have to take the final to replace test grade. Only one test can be missed to have Final Exam replace grade. If a student misses more than one test each additional test will be counted as a zero and student may be dismissed from RNSG 2307 and 2260.** Please refer to your calendar for dates

## EXAM REMEDIATION

### Remediation Policy

**Remediation is an essential component to ensure student success. Therefore, any student scoring below 77% on any exam has mandatory remediation and those who score above a 77% remediation is optional.** Planned class remediation will be given after lecture day. Student is required to complete a Review Questionnaire, Why Did I Miss This Question worksheet, and use remediation time to review own test. During this review student will be provided with a sheet of paper to write rationale of question from book or eBook (school iPad only). During remediation all personal electronic devices (iPhones and Apple Watches) and personal items will be set at the front of the classroom or will be set out in the hallway. All instructions will need to be completed and student must sign remediation sheet. Students will be expected to write out correct rationale to each question(s) missed on paper provided per instructions. Once everything has been reviewed, the student may receive 0.25 points for each question reviewed and written to exam grade. Student will only be able to remediate exams on test remediation days and only able to review the last exam given. If student does not choose to remediate and time as passed the student will need to make an appointment to review exam but will not receive points and will not get to complete rationale work. This is due to keeping the integrity of the test. Please refer to your calendar and Blackboard Announcements for dates.

## LETTER OF SUCCESS

Students who have less than an 83% course average may be given a letter of success during certain times of the semester to highlight students' needs and concerns. Students who are unsuccessful on exams and assignments will be at risk for failure of the course. To enhance student success in the program, students may self-refer or be referred to the retention counselor by faculty via letter of success for reasons other than exam success, such as time management, test-taking skills or test anxiety. Please refer to your calendar for dates

## EXAMSOFT BENCHMARK STANDARDIZED EXAMS

**The Exam Soft Med/surg and Pharmacology Benchmark I will separately be averaged in Course Assignments and worth 10% of your overall grade. Med/Surg and Pharmacology Benchmark II will**

separately be averaged in Exam average which is worth 60% of the course average. The Open Check exam will be a non-proctored exam and maybe taken remotely or in classroom. Open Check is used as a baseline for students understand Benchmark testing standards. Transition students will take Med/surg and Pharmacology Benchmark I and Benchmark II which will be proctored in house by instructors. Both Pharmacology and Medsurg Benchmark I will have Benchmark remediation to complete before completing Benchmark II. The Benchmark I and II have its own grade configuration with the National Average. The algorithm will be used to configure students' grade, see algorithm below. Please refer to your calendar for dates.

**Student Benchmark Exam grade figuration: (Student % / Benchmark National Standard (BNS) %) X 100 = Student Benchmark grade. Example: (Student 33% (0.33) / BNS 47% (0.47)) X 100 = 70.21**

## **EXAMSOFT BENCHMARK REMEDIATION**

**All remediation and Learning Contract will need be completed and uploaded by due date to receive 100%. If this assignment is not complete the expected grade will be a zero.** Student will use Benchmark Remediation Chart and Learning Contract found under Benchmark Remediation on Blackboard, to remediate weak sections of the Benchmark they were not successful on or did not score a percentage of 50 or more. The chart has specific assignments for each Benchmark. This grade will be added to Course Assignments. If assignment is incomplete or late there will be 15 points deducted for each day incomplete and late up to 2 days. Please refer to your calendar for dates

## **MIDTERM EXAM**

**Midterm will be included into the Exams average of 60%.** Midterm exam is a comprehensive test from half of the semester's exams (Exam 1-3). Students will have a chance to review test immediately after exam but will not receive a formal review to receive points back. This is to help with the integrity of the test and for students to prepare for their Final.

## **FINAL EXAM**

**Comprehensive (Entire semester) final will consist of 20% of the final grade. Students must have a minimum of 88% on Exam Average prior to the final, no missed tests, and no more than one absence in order to opt out of the final.** The final will not have a review at the end. Student will come to Final Exam with only pencil and iPad. No cell phones, smart watches, athletic Fitbits, student badges, personal calculators or any electronic learning device of any kind are not allowed in the computer lab at any time during testing, unless specified by instructor. Ball caps and large heavy jackets are to be left in the classroom during testing. Backpacks, handbags, food or drink not allowed in the computer lab at any time. Final Exam scores will not be rounded. Please refer to your calendar for dates.

## **GRADING POLICY**

There is a total of 100% to obtain in this course. **You must have a minimum of a 77% to pass the course. You must have a minimum of 88% Exam Average prior to the final, no missed tests, and no more than one absence in order to opt out of the final.** In this course there will not be any extra points, extra credit, or curves given on any grades. All grades uploaded to Blackboard will not rounded.

Grading Scale:

- A = 90-100%
- B = 80-89.99%
- C = 77-79.99%
- D = 70-76.99%
- F = 69% or below

**Students with 88% or higher on Exam Average before the final, no missed tests, and evidence of no more than one absence will be exempt from the Final Exam. The final exam grade will be from the average of all unit major exams and then will take place of the final exam grade. Grades on exams or averages will never be rounded up.**

All Unit Exams Benchmark II Med/surg Benchmark II Pharm Midterm Exam	60%
Final Exam	20%
<u>Course Assignments:</u> Lippincott Course Point Plus Assignments Exam Soft: Med/surg and Pharmacology Benchmark I Benchmark Remediation Case Study Project Class Quizzes CJ Simulation Assignments Voiceovers	10%
Skills Check off average (Main Skills, IV, and Pharm)	10%
Total	100%

**TO CALCULATE YOUR OVERALL AVERAGE: DO NOT ROUND**

- A. Add all unit **exams and Benchmark Med/Surg and Pharm II**, take your **average** and multiply it by 0.6.  
Example:  $81 \times 0.6 = 48.6$
  - B. Then take your **Final Grade** and multiply it by 0.2. Example:  $84 \times 0.2 = 16.8$
  - C. Then take your **Course Assignments** and multiply it by 0.1. Example:  $88 \times 0.1 = 8.8$
  - D. Then take your **Skills Check off** and multiply it by 0.1. Example:  $88 \times 0.1 = 8.8$
- ADD:  $A + B + C + D$  together to get your overall course average:  $48.6 + 16.8 + 8.8 + 8.8 = 83 = B$

**\*\*\*In order to be successful in RNSG 2307 the student must have a 77% or greater on the didactic component and pass all skills. Failure of RNSG 2307, 2260, and/ or 1105 will necessitate repeating all Transition courses. When repeating any course, the student is required to complete all aspects of the course including the required written work.**

## **COMMUNICATION POLICY**

Electronic communication between instructor and students in this course will utilize the South Plains College “My SPC” and email systems. The instructor will not initiate communication using private email accounts.

**Students are encouraged to check SPC email and Blackboard Announcements on a regular basis** each week of class. Students will also have access to assignments, web-links, handouts, and other vital material which will be delivered via the classroom website. Any student having difficulty accessing the classroom website or their email should immediately contact their instructor for direction. The instructor will work with any student to ensure the student has access to a computer on campus and can obtain the needed class content that is located on the course website. Communication is imperative to your success in this course and is highly encouraged.

## **STUDENT CONDUCT**

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.

## **GENERAL ATTITUDE AND INSUBORDINATION**

The conduct of the student reflects upon the individual, agency, school and the nursing profession as a whole. Students are required to conduct themselves in a professional, mature manner at all times. Students are required to adhere to the policies of the school and institution they are attending. Failure to comply with policies will result in disciplinary action up to and including dismissal from the program.

Students are expected to follow all directions closely and immediately, as given by instructors, preceptors, medical staff, and clinical site management. Failure to communicate, respond to or follow directions from such individuals can result in disciplinary action up to and including dismissal from the program. Any behavior viewed as unprofessional or detrimental to the reputation of the program and/or program faculty, may result disciplinary action up to and including dismissal from the program. Any concerns about the program or program faculty may be addressed with program faculty or administration through the proper chain of command. Discussion of any such concerns with clinical staff or other faculty not involved in the class will not be tolerated.

## **SPECIAL REQUIREMENTS (\*Read Carefully)**

### **SPECIAL INSTRUCTIONS FOR CLASSROOM, SKILLS CHECK OFFS, RECORDING OF SKILLS, SIMULATION AND CLINICAL SITES**

1. Classroom uniform will be any regular medical scrubs and tennis shoes. Certain days students can wear a SPC nursing t-shirt with scrub bottoms.
2. Students must arrive in **full SPC uniform for skills check off, recording of skills, Reese simulation, and clinical sites.**
3. Cell Phones: Cell Phones are permissible, kept on silent mode, and should not be used in patient areas, hallways, or nurses' stations. Cell phones may be used on you lunch break. Issued iPads will be used can be used during class and will be used during exams.
4. Students assumes responsibility for loss or damage to their property, such as iPads.
5. Failure to comply with the SPC Uniform Policy in classroom or clinical may result in a deduction for any assignments due that day (clinical daily attendance and evaluations) or student will be sent home.
6. The instructor will remove the student from the clinical setting if the student demonstrates unsafe clinical performance. Unsafe clinical performance may result in clinical failure and/or dismissal from the ADN. Examples of unsafe clinical performance include, but are not limited to the following:
  - a. Failure to complete assigned clinical paperwork
  - b. Placing a patient in physical or emotional danger
  - c. Assuming inappropriate independence
  - d. Failure to accept moral and legal responsibility for his/her own actions
  - e. Violation of professional integrity as expressed in the ANA Code of Ethics
  - f. Performing invasive procedures or giving medications without an instructor.
7. All invasive procedures must be observed by the instructor. Students will comply with Health Insurance Portability and Accountability Act (HIPAA) in and out of the clinical/simulation setting. HIPAA violations are subject to grade deductions and/or the student's removal from the SPC nursing program
8. **Students must complete the syllabus quiz for each course.** This indicates that the student acknowledges they have read and understand the content of syllabus, program and clinical handbook, grievance policy, and appeals process.

## **COURSE DISCLAIMER**

Working within the healthcare field can be stressful and requires a mentally tough individual to provide medical care in the hospital environment. To better prepare students for a career in the healthcare profession, there will be times during this course where students will be exposed to training scenarios and situations that will be unpleasant to the average college student. If the student does not feel they can tolerate this type of learning environment, they should discuss this with me immediately before continuing the course. Additionally, enrollment in this course does not guarantee a passing grade, successful completion of the nursing curriculum, or NCLEX- RN examination.

## **GRIEVANCE POLICY**

The student is responsible for scheduling an appointment with the course leader to discuss the final grade or discipline action. If the student is not satisfied, he/she should schedule an appointment with the Director of the Associate Degree Nursing Program, following that would be the Health Sciences Dean. The procedure will follow the same guidelines that are found in the ADN student handbook.

### **4.1 Course Syllabi**

The syllabus for each course should be reviewed annually and revised as appropriate by the faculty. Instructors are encouraged to think and plan course and units of instruction, i.e., content, methods of presentation, teaching aids, student roles and tests in terms of student behavioral objectives. Student participation in planning, where practical, and their orientation about course plans tend to enhance course relevancy. Copies of syllabi should be filed with the department chairperson and the appropriate dean.

#### **4.1.1 Syllabus Statements**

Each syllabus should include the following Diversity Statement, Disabilities Statement, Non-Discrimination Statement and Title IX Pregnancy Accommodations Statement appropriate to the location of the course.

##### **4.1.1.1. Diversity Statement**

In this class, the teacher will establish and support an environment that values and nurtures individual and group difference 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.

##### **4.1.1.2. 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, Lubbock Centers (located at the Lubbock Downtown Center) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

##### **4.1.1.3 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.

##### **4.1.1.4 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 Health and Wellness Center. 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 Health and Wellness Center at 806-716-2529 or email [dburleson@southplainscollege.edu](mailto:dburleson@southplainscollege.edu) for assistance.

##### **4.1.1.5 Campus Concealed Carry Statement**

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.

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## 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 selfcontrol.

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

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## 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 adjusts 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.