## Levelland Campus

## **Course Syllabus**

COURSE: RNSG 1115 (1:0:4) Health Assessment

SEMESTER: Fall 2019

CLASS DAYS: See course calendar CLASS TIMES: See course calendar

FACEBOOK: <a href="https://www.facebook.com/SPCNursing17/">https://www.facebook.com/SPCNursing17/</a>

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CPN, Semester I Course	, ,			
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<sup>&</sup>quot;South Plains College improves each student's life."

### GENERAL COURSE INFORMATION

### COURSE DESCRIPTION

Development of skills and techniques required for a comprehensive nursing health assessment within a legal/ethical framework. This course lends itself to a blocked approach. Topics include knowledge, skills and professional values. Through classroom and interactive experiences the students explores basic concepts and skills related to physical assessment of diverse clients. The student will describe the components of a comprehensive health assessment and demonstrate competency performing an adult physical assessment. Prerequisites: Psychology 2314, Biology 2401, English 1301, and Biology 2420. Concurrent enrollment of RNSG 1105, RNSG 1144, RNSG 1160, and RNSG 1413. Failure of RNSG 1115 will require repeating all Level I Semester I courses.

#### STUDENT LEARNING OUTCOMES

At the completion of the semester students will:

- 1. Provide care based on current knowledge, theory, and research.
- 2. Assume accountability and responsibility for practice.
- 3. Utilize principles of therapeutic communication with individuals.
- 4. Perform complete health assessments and documentation on individual clients.
- 5. Utilize information technologies to enhance knowledge base, retrieve information to support nursing practice and document nursing actions.

**COURSE OBJECTIVES** - SCANs (Secretary's Commission on Attaining Necessary Skills) Competencies found within this course are C1-14, C16, C18, C19, F6-9, F11-13, F15, & F16. SPC ADNP Graduate Outcomes: 1-5. DECs (Differentiated Essential Competencies) are attached at the end of the syllabus and listed in each blackboard module.

<sup>\*</sup>It is the responsibility of each student to be familiar with the content and requirements listed in the course syllabus.\*

### **EVALUATION METHODS**

Teaching methods: clinical instruction, simulation, clinical lab, scenarios, focus learning groups, ATI skills modules

Evaluation methods: demonstration, individual assignments, lab practicum, ATI skills module pre/post testing Web based: ATI skills modules, online quizzes, and assignment submissions

### **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.

**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.

Students are expected to adhere to the professional standards set forth in the Associate Degree Nursing Program School of Nursing Student Handbook, as well as the American Nurses Association Code of Ethics for Nurses. It is the responsibility of the School of Nursing to teach and model professional behaviors, and it is the responsibility of the student to demonstrate professional and academic integrity. The student is representing the School of Nursing and are expected to maintain the highest standards. Any point deductions will be taken from the final course average.

Professional Integrity	Point deduction from final	
	course grade	
Applies legal and ethical standards	- 1 point per variance	
Maintains patient confidentiality	- 1 point per variance	
Professional Behaviors		
Exhibits professional attitude	- 0.5 points per variance	
Accountable for learning	- 0.5 points per variance	
Responds to faculty/staff contact within 24 hours	- 0.5 points per variance	
Attends all appointments, including appointments	- 0.5 points per variance	
with faculty and retention counselors		
Scheduling and Attendance		
Adheres to institutional policies and procedures	- 0.5 points per variance	
related to scheduling		
Accountable for developing and adhering to	- 0.5 points per variance	
schedule		

### 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 Semester X course outcomes will allow the student to continue to advance within the program. Successful completion of RNSG 1115 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, in order to access this page.

#### SCANS AND FOUNDATION SKILLS

Refer also to Course Objectives. Scans and Foundation Skills attached

### SPECIFIC COURSE INFORMATION

#### TEXT AND MATERIALS

ATI Nursing Education. (2016). Fundamentals for Nursing: Review module (9<sup>th</sup> ed.). Assessment Technologies Institute, LLC.

Taylor, C., Lillis, C., & Lynn, P. (2019). Fundamentals of Nursing: The art and science of person-centered nursing care (9<sup>th</sup> ed.). Wolters Kluwer. ISBN: 9781496362179

### RECOMMENDED TEXTS

Any health assessment handbook and a medical dictionary of choice.

### ADDITIONAL CLASSROOM ITEMS

Students should come to class prepared. Power point lecture notes should be printed prior to lecture if desired. Students may use pen and paper or a laptop computer/tablet to take notes during lecture.

## ATTENDANCE POLICY (\*READ CAREFULLY)

### **Class Attendance**

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.

(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. The student can miss no more than two (2) hours of classroom lecture. A student missing more than two (2) classroom lecture hours will be dropped from RNSG 1115. The course leader may initiate the withdrawal of the student for any absences. Reinstatement is handled on an individual basis. Do not be tardy for lecture; students late to class may receive deductions on professional standards. Cellular phones must be turned off during the lecture period or while in the NLRL (nursing learning resource lab). Failure to turn off phone before class may result in deductions on professional standards.

### **ASSIGNMENT POLICY**

All assignments must be completed by the assigned due date. Late and/or incomplete work will not be accepted and a grade of zero will be recorded. Assignments, quizzes, exams, and skills missed due to an unexcused absence may not be made up. Assignments are due by the assigned dates and times in Central Standard Time (CST) on the class schedule. 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. Failure to complete any assignment by due date will result in professional standard point deductions on final grade. Student must scan required documents before uploading into Blackboard. Scanners are located in the classroom and the video reviewing room. Students may also choose an app of choice (I-scan, etc.). Assignments must be uploaded as a PDF.

# **QUIZZES**

Student will be required to complete three quizzes listed on the class schedule for 40% of the final course grade. Failure to obtain a 77% or greater quiz average will result in an F for this course. Quizzes vary in the number of questions; however, the student will receive 1 minute per question to complete the exam. Quizzes are located under the Quiz tab in Blackboard. Any quiz not completed during the assigned time frame will receive a zero. During the quiz NEVER click the Back, Forward, or the Refresh buttons. Let the screen resolve when saving an answer before clicking next. Quiz reviews may be completed by the retention counselor per the student's request. There are no "dropped" grades or extra credit assignments in this course.

## Policy on Quiz Administration:

Quizzes will be administered according to the schedule set by the course facilitator documented in the course syllabus. Any changes to the quiz schedule will be at the discretion of the course facilitator.

To better prepare the student for the licensure exam testing format, unit, and quizzes will be administered as follows:

- Questions will be given to the student one at a time.
- The student must answer and save the answer before going to the next question.

- The student will not be allowed to return to previous questions.
- Any question not saved by the student will be marked wrong.

Remediation is one essential component to ensure student success. Therefore, any student scoring below 77% on any quiz is encouraged to make an appointment with the retention counselor as designated by the instructions of the course facilitator.

### SIMULATION PHYSICAL ASSESSMENT

Student will be required to complete a head to toe physical assessment in the Center for Clinical Excellence simulation lab on Reese campus. Students unsuccessful in obtaining a 77% will be required to remediate and record a physical assessment on a peer in the nursing learning lab. If remediation is required the maximum score possible will be an 87. The remediation grade will be recorded as the final grade for the Simulation Physical Assessment; the two grades will not be averaged. Failure to obtain a 77% on the Simulation Physical Assessment will result in an F for this course. The Simulation Physical Assessment will account for <u>45%</u> of the final course grade. Review grading rubric and additional instructions under Simulation Physical Assessment learning module located under course content in Blackboard.

## SPECIAL INSTRUCTIONS FOR SIMULATION

Students must arrive in full SPC uniform to test for the simulation physical assessment. A student may receive deductions and/or be sent home for noncompliance of the SPC Uniform Policy. Cell phones or smart watches are not allowed in the clinical setting. Failure to comply will result in the student being sent home, resulting in a zero for the simulation physical assessment.

## SIMLATION PHYSICAL ASSESSMENT DOCUMENTATION

Students will complete a client database documentation packet immediately after completion of the physical assessment. The Simulation Physical Assessment Documentation will account for <u>2.5%</u> of the final course grade. Review grading rubric and additional instructions under Simulation Physical Assessment learning module located under course content in Blackboard. Documentation will be submitted under the assignment link in blackboard by the due date specified on the class schedule.

# **HEALTH HISTORY DOCUMENTATION**

Students will complete a health history on a peer. Health history components are found on page 127-129 in the ATI fundamentals textbook. Health History Documentation will be submitted under the assignment link in blackboard by the due date specified on the class schedule. The Health History Documentation will account for 2.5% of the final course grade.

### PRE-CLASS ASSIGNMENTS

Student will complete 3 pre-class assignments prior to class day 2-4. Pre-class assignments will account for <u>5%</u> of the final course grade. There are no late assignments; failure to complete pre-class assignment by the due date will result in a zero.

### ATI SKILLS MODULES

Students will be required to complete the ATI pretest, learning module and post-test for the physical assessment of an adult module. Failure to complete pretest and learning module will result in a 10-point deduction on the final posttest. Pretest and lesson must be completed by 2300 the day prior to the last lecture day. Posttest must be completed by 2300 on the last day of lecture. ATI posttests will account for <u>5%</u> of the final course grade.

ATI Skills Topic	Pre-test due date by 2300	Post-test due date by 2300
Physical Assessment of an Adult	9/2	9/5

### ADDITIONAL PRACTICE

At any time a faculty member can require a student to complete additional practice in the simulation lab to ensure student and client safety in clinical. If not completed, the student will receive deductions on professional standards.

## **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 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 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.

### **GRADING POLICY**

The grade for this course will be determined upon completion of the following components:

Quizzes (3)	
Simulation Physical Assessment	
Simulation Physical Assessment Documentation	2.5%
Health History Assignment	
Pre-Class Assignments	
ATI Module Posttest	
Course Total	100%

<sup>\*</sup>Additional assignments will not be included until a 77% quiz average is obtained and students have obtained a 77% on the Simulation Physical Assessment. Failure to obtain a 77% on the Simulation Physical Assessment and/or quiz average will result in an F for this course.

Course grades are based on the following scale:

A = 90-100%

B = 80-89.99%

C = 77-79.99%

D= 60-76.99%

F = below 60%

### **COURSE SCHEDULE**

Date	Topic	Required Readings	<b>Assignment Due By</b>
9/2	Scrubs are required at all times at		Pre-Class
	Reese CSC		Assignment 1 due
	Begin working on the ATI module		by 2300
9/3	Syllabus Review	Taylor: Chapters 25 (625-636),	Simulation
0830-12	Introduction to Health Assessment	20 (467-468),	Orientation
Reese	Purpose of Physical Assessment	45 (1713)	documents (bring to
	Health History	ATI: Chapter 26 (127-130)	class signed)
	Preparation and Organization of Exam		
	Skills of Physical Assessment		Pre-Class
	(Bring pen light & stethoscope)		Assignment 2 due by 2300
13-1630	General Survey	Taylor: Chapter 25 (636-648)	
Reese	V/S	ATI: 26 (130-131), 27 (133-	
	Skin, Hair, and Nails	140), 28, 30	
	Head and Neck		
	Quiz 1		
9/4	Heart & Vascular System	Taylor: Chapter 25 (648-662)	Health History
0830-12	Thorax and Lungs	ATI: 29	Documentation due
Reese	Abdomen		by @ 2300
	Female and Male Genitalia, including		D C1
	Breast		Pre-Class
	Rectum and Anus		Assignment 3 &
	2		ATI pretest and
0.17	Quiz 2	F 1 C1 + 25 ((C2 (F1)	module due by 2300
9/5	Neurological System	Taylor: Chapter 25 (662-671)	ATI Physical
0830-1230	Musculoskeletal Systems	ATI: 31	Assessment Module
Reese	Pain		Posttest due by 2300
	Putting It All Together		
	Quiz 3		
9/9, 9/10,	Simulation Physical Assessment		Simulation
9/11	Check-Off (see student schedule,		Assessment Rubric
08-1700	students will be assigned one time)		& Documentation
Reese	Documentation is due the day the		Due by 2300
	assessment is completed		
	Full SPC uniform required		
9/13	Remediation if needed		Faculty Assessment
09-12			Due by 2300

## **COMMUNICATION POLICY**

Electronic communication between instructor and students in this course will utilize the South Plains College "My SPC" and email systems. I will utilize text messaging and you may communicate with me this way also. The instructor will not initiate communication using private email accounts. Students are encouraged to check SPC email 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.

#### **CAMPUS CARRY**

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.

### 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.

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

- Students must present the signature page acknowledging that the student has read and understands the content of syllabus, program and clinical handbook, grievance policy, and appeals process.
- Cell Phones Cell phones are to be turned <u>OFF or silenced</u> during scheduled class periods. Text messaging is not allowed during scheduled class/lab times. Cell phones are to be used <u>outside</u> the classroom or lab only on designated breaks. <u>Students are not allowed to have cell phones on their person during exams.</u>

## **COURSE DISCLAIMER**

Working within the healthcare field can be stressful and requires a mentally tough individual to provide medical care in the hospital environment. In order 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 instructor/course leader to discuss the final grade or discipline action. If the student is not satisfied, he/she should schedule an appointment with the Level I Semester I Course Leader. The next chain of command is to make an appointment with the Director of the Associate Degree Nursing Program, following that would be the Health Occupations Dean. The procedure will follow the same as found in the student handbook.

#### **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 Center 806-716-2577, Reese Center (also covers ATC) Building 8: 806-716-4675, Plainview Center Main Office: 806-716-4302 or 806-296-9611, or the Health and Wellness main number at 806-716-2529.

#### 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. Students who wish to request accommodations must contact the Health and Wellness Center at 806-716-2529 to initiate the process.

## 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.