

COURSE: VNSG 1171 IV Therapy
 SEMESTER: Summer 2022
 CLASS DAYS: Wednesday
 CLASS TIMES: 1:00 pm - 4:00 pm

Name	Phone Numbers	Email	Office	Office Hours
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“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.

Please Note: The COVID-19 crisis may change the lecture format and lab associated with the class including the syllabus. Please refer to the 2022 Student Handbook for the complete COVID POLICY.

COURSE DESCRIPTION

This course is an introduction to and application of primary nursing skills. An emphasis is given on utilization of the nursing process and related scientific principles.

STUDENT LEARNING OUTCOMES

At the completion of the semester students will:
A. Be able describe the underlying principles of selected nursing skills and their relationship to client health status by using clinical reasoning and knowledge based on the vocational nursing program of study and EBP as the basis for decision making.
B. Be able to demonstrated satisfactory performance of selected nursing skills utilizing principles of safety
C. Be able to demonstrate accurate dosage calculation
D. Be able to discuss the principles of medication administration safety
E. Be able to identify the elements of accurate documentation of medication administration

COURSE OBJECTIVES - Outline form (C-1, C-2, C-3, C-4, C-9, C-10, C-11, C-12, C-13, C-14, C-15, C-16, F-1, F-2, F-3,

F-4, F-5, F-6, F-7, F-8, F-9, F-10, F-11, F-12, F-13, F-14, F-15, F-16, F-17

At the completion of this course the student will:
F. Relate current knowledge into advanced nursing studies
G. Use basic nursing skills and knowledge to meet individualized patient needs
H. Employ plans for intelligent safe nursing care of the patient within the Holistic Nursing concept
I. Identify the patient as a unique individual who needs assistance during illness regardless of age or degree of infirmity
J. Display good interpersonal relationships between nurse and patient; nurse and co-workers, and nurse and family
K. Consider the common needs of the patient and the Vocational Nurse's responsibility for the patient's environment, safety and well-being based on vocational nursing program of study and Evidence Based Practice.
L. Recognize the importance of observation and communication regarding patient and co-worker interactions and charting. Assemble information using the Nursing Process as a nursing assessment of each patient
M. Demonstrate principles of asepsis related to IV Therapy using Evidence Based Practice
N. Demonstrate knowledge of basic interventions to support the patient and family during life stages, including death and dying
O. Demonstrate methods for promoting safety in the work environment by including facility policies and procedures.
P. Utilize terminology and rationale for performing basic nursing skills
Q. Identify appropriate equipment needed for each nursing skill performed
R. Identify, assess and evaluate the patient's response to the procedure, documenting accurately and completely.
S. Discuss the necessity for the patient/family education regarding the specific skill
T. Correctly use abbreviations, definitions, prefixes, suffixes, verbs, adjectives, and words in the nursing profession

EVALUATION METHODS

Computer-based exams, written exams, written assignments, quizzes, skills check-offs, and other projects as assigned. In addition, methods of instruction may include but are not limited to lecture, discussion, required reading, charts/posters, Power Point, lab demonstration/return demos and audio/visual presentation

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.

VERIFICATION OF WORKPLACE COMPETENCIES

There will be external clinical and simulation learning experiences provided in this course, as well as learning experiences in the lab which provides the setting in which the student applies workplace competencies.

Successful completion of the designated course outcomes will allow the student to continue to advance within the program. Successful completion of VNSG 1402 meets the requirements as stated in the Differentiated Essential Competencies (DECS) of Graduates of Texas Nursing Program as:

1. Member of a Profession
2. Provider of Patient Centered Care
3. Patient Safety Advocate
4. Member of the Health Care Team

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.

SCANS and FOUNDATION SKILLS

Refer also to Course Objectives. Scans and Foundation Skills attached

SPECIFIC COURSE INFORMATION

TEXT AND MATERIALS

TEXTBOOK	Publisher	ISBN#
<u>Fundamentals of Nursing Care, Concepts, Connections & Skills 3rd Edition</u>	F. A. Davis	978-0-8036-6906-2
<u>Manual of I.V. Therapeutics, 7th Edition</u>	F. A. Davis	978-0-8036-3846-4
<u>Calculating Drug Dosages: A Patient-Safe Approach to Nursing and Math 2nd Edition</u>	F. A. Davis	978-0-8036-2496-2

ADDITIONAL CLASSROOM ITEMS

Students should come to class prepared with pens, pencils, and a spiral notebook for taking notes or completed quizzes or assignments in class. Students should be prepared to take notes over lecture material if they choose. In addition, students should refer to Black Board for other course required materials.

Each student will need to bring 3 (100) Scantron on the second day of class.

ATTENDANCE POLICY (*READ CAREFULLY)

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.

Roll is taken for each class by signature page; it may be taken several times during a class period. A student who is not present when roll is taken is “absent.” A student is not allowed to disrupt the class for tardiness. A student who is late may come into the classroom after a break to hear the lecture, BUT the student will still be marked as “absent.” Learning is fostered in the classroom environment. Missing even one lecture/class activity can negatively impact student performance; therefore, classroom attendance is mandatory and students are accountable to attend and be on time for class.

Students are expected to do all classwork at the time scheduled, whether the class is “live,” per pre-recorded lecture or via Zoom—this means the students should be “in class” during this time, not working, driving, shopping or doing some other activity.

ZOOM classes/meetings: Zoom meetings are considered formal classes. Therefore, the student must be present in stationary environment—not working, driving, shopping or engaged in some other activity. There should be no TV, cell phones or other distractors during the meeting. The student’s camera must be on for the entire time of the class/meeting. The microphone should be muted unless the student is answering a question, presenting information, or otherwise engaged in the course discussion. The student **MUST BE ON TIME** for the zoom meeting; once the course instructor has started the lecture/meeting, the late student **WILL NOT** be allowed in and will be counted as absent.

Students must attend all live classroom presentations and all Zoom meetings. **A student who exceeds more than 1 absence in this course will be withdrawn from the program with an “F” except in the case of a documented Covid exposure.**

Please see student handbook for COVID Policy.

LIVE classroom: students must be in their seat ready for class at the scheduled time. Most often during this flex period, live classes will be held on scheduled exam days with lectures to immediately follow the exam. Students who leave after the exam are counted as “absent.”

Roll may be taken at any time during the class. Anytime the student is not present, the student is counted as a full absence. Breaks are given during the lecture time. Because we must closely monitor student movement in the building, you may only have a break when one is given. If you leave the classroom for any reason, you may not return and are counted absent. Students should use break times wisely—going to the bathroom, getting refreshment, etc. rather than spending time on cell phones and then wanting to go to the bathroom when class starts.

Covid Exposure: Please see student handbook for COVID Policy

Students who exceed the allowable absence no longer meet the course criteria and must withdraw. Absences are recorded for the whole day if a class is scheduled for the whole day. If a student leaves before the end of the class period, the student is marked “absent” for the day. A student who misses the morning session may attend the afternoon session to get the information, but the student is still marked as “absent” for the day. There are no “half-day” absences. If the student is asked to leave the classroom for any reason (sleeping, talking

or other inappropriate behavior), the student is given an absence and the subsequent point deduction. Attendance is most often taken by a sign in sheet. Students who “forget” to sign in are counted as absent.

Students are given numerous days off for holidays and Spring/Fall breaks, not including weekends. In addition, classes are over by 4:00 p.m. This should give students ample time to take care of business, schedule medical and other necessary appointments.

As a matter of courtesy and professional behavior, a student who is going to be absent should email or call the course instructor and inform the instructor of the pending absence.

4.1-B Tardy: Tardiness is not accepted in the Vocational Nursing Program. Students are either present on time or they are absent.

4.1-C. ATTENDANCE RECORDS: Because the student is an adult learner, each student should keep his/her own record of absence. Faculty is under NO obligation to inform a student of absences; the student will be notified when he/she no longer meets program objectives because of excessive absences and the student is being withdrawn. *Should the student believe a discrepancy exists, the student should submit the notice in writing to the Program Director within 24 hours of notification.*

4.1-D. RELIGIOUS HOLY DAYS ABSENCES: In accordance with Section 51.911, Texas Education Code, SPC will allow a student who is absent from class for the observance of a religious holy day to take an examination or complete an assignment scheduled for that day within seven calendar days after the absence.

Students are required to file a written notification of absence with each instructor within the first fifteen (15) days of the beginning of the semester in which the absence will occur. Forms for this purpose are available in the office of the Director of Special Services along with instructions and procedures. “Religious holy days” means a holy day observed by a religion whose place of worship is exempt from property taxation under Section 11.20, Tax Code.

DROPPING A CLASS

Students should submit a [Student Initiated Drop Form](#) online.

Students will not be required to obtain an instructor signature to drop, however, we do encourage students to communicate with instructors or advisors prior to dropping a course when they are able. **There will be no charge for drops for the fall or spring semesters.**

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/admission-aid/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 and before the census date, 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 with your approval. This can take the place of signature on the Schedule Change Form that we have required in the past.

ASSIGNMENT POLICY

It is the responsibility of the student to be informed of class progress and assignments and to come to class prepared to participate in discussion, to turn in any assignments due, and/or take the quiz or test scheduled for that day.

Assignments may include but are not limited to discussion boards, Vocabulary, Pop quizzes and group projects, skills check-offs.

Reading any assigned material assists the student to listen to the lecture with a higher degree of acuity and to participate in class discussion more effectively. A student cannot expect to understand what is being said in class when she/he has had no previous contact with the ideas or terms related to the topic.

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 that are missed due to an unexcused absence may not be made up.

A Class Day Consists Of:

1:00 P.M. TO 4:00 P.M.

COMPUTER USAGE

As computer technology in the field of health occupations continues to become more popular, computers may 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.

EXAM Policy

1. There will be a unit exam over each lectured unit and upon instructor's discretion one calculations exam. **Students are expected to read the information prior to coming to class and are expected to participate in class through discussion and answering questions.**
All unit exams will be given on Scantron on the date scheduled. If absent on exam day, the **Final Exam** will take the place of the missed Exam (**For The First Missed Exam Only**), **if an additional exam should be missed a grade of "0" will be recorded.**
2. There will be in class labs/exams over the IV skills. The written lab exams are to assure safety in the IV labs and are a requirement to complete the lab. There will be questions on the unit exams that pertain to the skills.
3. IV rate calculation homework is due on the assigned date. For the LATE homework points will be deducted. **All Math homework is due on the scheduled date at 0800 - 0815. After 0815 until 1150 10 points will be deducted from each math homework turned in at that time. If turned in after 1150 there will be a grade of "0" for each homework turned in.**
4. **The math homework will be averaged along with an in class Math Exam. The math homework will count 50% and the Math exam will count the other 50%; both averaged together will count as Exam #3.**
5. Labs include venipuncture using arms, IVPB and IV push. The student must pass the written lab exams that will be done at home prior to the lab experience. This is to assure student safety. Students who pass each lab and demonstrate competent skill ability may **with strict supervision** DC IV/INTs and perform venipuncture at designated sites that permit.

MISSED EXAMS/MAKEUP WORK:

Students are expected to take all examinations for each nursing course. There are NO makeup exams for this course. Since the final exam is comprehensive (meaning that it covers the entire course), the final exam will be the missed exam **FOR THE MISSED EXAM ONLY**. If any additional exams are missed, a grade of "0" will be recorded.

NO exams will be given prior to the originally scheduled exam. Please do not ask.

Any action interpreted as cheating by facilitating instructor may result in immediate removal from the testing area, a zero recorded for the test grade and possible removal from SPC nursing prog

GRADING POLICY

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

To Pass the Course Must Have a “75” or Better

Unit Exams (3)	60%
Final Exam	40%
	100%

Course grades are based on the following scale:

A = 90-100%

B = 80-89

C = 75-79

D = 70-74

F = 69 and below

The final exam grade will not be posted; only the final letter grade.

All exams taken during this course will be averaged for the student’s FINAL LETTER GRADE which is posted on Black Board

ADDITIONAL INFORMATION:

ATTENTION: CELL PHONES ARE NOT ALLOWED DURING CLASS. The following penalties apply to students who choose to sneak in their phones: (1) If a cell phone rings during an exam, that student’s exam will end immediately with a “50” recorded for the exam grade, even if the student was answering the last question. There is no makeup for this grade. (2) If a cell phone goes off during lecture, the cell phone will be taken up and left in the Director’s office till 4:00 p.m.

The student is allowed to use the cell phone only during breaks, please keep cell phones in your locker or car.

For Test Security, no hats, caps, backpacks or purses are permitted in the classroom during exams. No drinks or food may be brought into the classroom during an exam.

Bottled drinks with a screw top lid may be brought into the classroom during lecture **only**. Food and drink not allowed in the classroom during an exam.

Competencies are defined as effective demonstration of basic nursing skills, knowledge, and judgment as taught and demonstrated in the nursing lab and classroom.

The student's performance of the competencies will demonstrate and describe the desired outcome of learning at the conclusion of the nursing skills course.

DO NOT write on test papers unless otherwise informed.

Excessive talking in class will not be allowed; the student may be asked to leave, with an absence given for the day.

The Nursing Laboratory is provided to enhance the learning experience. It is the student's responsibility to keep the lab clean and tidy at all times. If it is necessary to utilize the lab after hours, arrangements must be made with the faculty.

Classroom rules also apply to the laboratory classes.

Radios will not be allowed in the classroom at any time.

Tablets and cell phones are not allowed during classroom lecture.

COURSE GOALS TO EXIT IV Therapy:

To complete this course the Student Must Have A “75” or Better In the Course and Meet Objectives:

Objectives	Method of Instruction & Evaluation	1	2	3	4
1. Identify the legal parameters for IV therapy, identify INS standards, EBNP, and standards of care	Lecture, PPP Examination	x			
2. Identify IV related infections and discuss infection control measures for IV therapy	Lecture, PPP, group project Examination		x		
3. Relate fluid and electrolytes and the need for IV therapy	Lecture, PPP Examination		x	x	
4. Identify types of solutions, catheters, and tubing used for IV therapy	Lecture, PPP, lab Examination		x	x	
5. Identify and perform techniques for venipuncture and discontinuing the IV/INT	Lecture, PPP, Lab Virtual IV Examination		x	x	
6. Identify IV complications and discuss how to prevent and/or treat them.	Lecture, PPP Group project Examination		x	x	
7. Identify appropriate IV medication administration skills.	Lecture, PPP, Lab Computer program Examination		x	x	
8. Discuss the basics of blood transfusions, identify the skills need to monitor transfusions and identify transfusion complications and appropriate nursing interventions	Lecture, PPP Examination		x	x	
9. Calculate IV drip rates correctly.	Lecture, PPP, math homework, lab Examination		x	x	
10. Perform basic IV skills accurately and safely	Lecture, PPP, lab Examination		x	x	
11. Be present and punctual for class with no more than 1 absence	Sign in sheet	x			

The nurse providing infusion therapy shall be proficient in its clinical aspects, shall have validated competency in clinical judgment and practice, and shall practice in accordance with the Texas Nurse Practice Act, rules and regulations promulgated by the state Board of Nursing, organizational policies and procedures and practice guidelines. (Phillips, 2010 [INS, 2006, 5])

The nurse administering parenteral medications and solutions should have knowledge of indications for therapy, side effects, potential adverse reactions, and appropriate interventions. (Phillips, 2010 [INS 2006, 68])

COURSE SCHEDULE POSTED ON BLACKBOARD

COMMUNICATION POLICY

Electronic communication between instructor and students in this course will utilize the South Plains College “My SPC” and email systems. Students are encouraged to check SPC email on a daily basis. Students will also have access to assignments, web-links, handouts, and other vital material which will be delivered via Blackboard. Any student having difficulty accessing Blackboard 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.

Students are expected to read and, if needed, respond in a timely manner to college emails. It is suggested that students check college email daily to avoid missing time-sensitive or important college messages. Students may forward college emails to alternate email addresses; however, SPC will not be held responsible for emails forwarded to alternate addresses. A student’s failure to receive or read official communications sent to the student’s assigned email address in a timely manner does not absolve the student from knowing and complying with the content of the official communication. The official college email address assigned to students can be revoked if it is determined the student is utilizing it inappropriately. College email must not be used to send offensive or disruptive messages nor to display messages that violate state or federal law.

Mrs. Trull will answer all emails in a timely manner. If a student emails the instructor prior to 4:00 pm Monday- Friday, the student can expect to receive a response via email the same day. If email is sent after 4:00 pm, the student can expect to receive a response the next business day. Emails will not be checked or answered on the weekend. Any email sent after 4:00 pm on Friday will be answered the following Monday.

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.

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.

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, Reese Center (Building 8) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

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 Director of Health and Wellness. Once approved, notification will be sent to the student and instructors. It is the student's responsibility to work with the instructor to arrange accommodations. Contact the Director of Health and Wellness at 806-716-2362 or [email cgilster@southplainscollege.edu](mailto:cgilster@southplainscollege.edu) for assistance.

IV Therapy Contract

Print Name: _____

I have read the syllabus for VNSG 1171 IV therapy.

I understand the course requirements, exams, grading and student behavior.

I understand that in addition to exams and homework, my course grade will also reflect my participation in the course and that the final course grade will be the totality of my graded work and participation.

I understand that as a vocational nursing student, I am responsible and accountable for my own actions and decisions. I understand that roll will be taken for each class period, I also understand the attendance policy stated in the syllabi. I agree to be fully engaged in the course and will not work on other course material, sleep or text as this would intentionally disrupt the class.

I have had the opportunity to have my questions answered and I agree to the terms of the course as found in the syllabus.

Student Signature: _____ Date: _____