

Healthcare and Clinical Services	Pearson Nursing Careers
MS Course 995105 -CTE:Healthcare & Clinical Services II	Page
UNIT 1: Course Orientation and Safety Review	
1. Describe the purpose of the course.	p. xviii
a. Identify student and course expectations.	p. xviii
b. Review the health science student organization (HOSA).	p. 57
c. Discuss leadership and personal development in accordance with HOSA guidelines.	p. 57, p. 72
2. Review and complete proper procedures for clinical site visits as needed.	p. xv
a. Research and identify local facility requirements and complete various tasks.	p. 72, p. 108, p. 114
b. Apply employability/career-readiness skills in healthcare.	p. 12, p. 43, p. 50
3. Review and demonstrate the proper safety procedures in the healthcare setting.	p. 79, p. 82, p. 117
a. Describe personal and environmental safety practices.	p. 151
b. Identify common safety hazards.	p. 151
c. Utilize emergency procedures and protocols.	pp. 168-169
UNIT 2: Employment Preparation and Embedded Work-Based Learning	
1. Research current available jobs across the healthcare field to develop a chart that compares specific elements.	p. 13, p. 16, pp. 34-35
a. Compare specific employment elements.	p. 3, p. 10, p. 13
2. Through a real job search, analyze differences in online application requirements of various job postings.	p. 62
3. Research and select a real job advertisement.	p. 42, p. 57
a. Develop a cover letter to fit the job advertisement using terminology that reflects the culture and values specific to that company or clinic.	p. 54, p. 58
b. Create a resumé with fabricated elements to fit the real job advertisement.	p. 54, p. 58
4. Identify the personal traits and attitudes desirable in a member of the career-ready healthcare team.	p. 22
a. Define and demonstrate desirable traits and attitudes of team members.	p. 22

Healthcare and Clinical Services	Pearson Nursing Careers
MS Course 995105 -CTE:Healthcare & Clinical Services II	Page
b. Summarize professional standards for hygiene, dress, language, confidentiality, verbal communication, and behavior.	p. 22
5. Demonstrate real-world interview skills led by the instructor and/or external supervisors.	p. 63
a. Include certain skills in the real-world demonstration.	p. 63
6. Write customized thank-you letters to each member of the interview committee and send them using available methods of delivery.	p. 54
7. Develop components of a work-based learning personal portfolio.	p. 54
a. Create a student personal profile on the state-approved digital platform.	p. 54
b. Develop and track the student project learning experiences.	p. 54
UNIT 3: Human Growth and Development	
1. Discuss the stages of growth and development across the lifespan.	p. 109, p. 186
a. Describe the four main types of growth and development (physical, mental, emotional, and social) that occur within the stages of life.	p. 109, p. 186
2. Describe Maslow's hierarchy of human needs.	p. 101
a. Identify and define the levels of need in the proper order.	p. 101
b. Discuss the importance of each level.	p. 101
3. Explain the concepts related to death and dying.	pp. 446-447
a. Describe Dr. Kubler Ross's five stages of grief.	pp. 446-447
4. Present on a topic related to the concepts of human growth and development.	p. 186
a. Research, develop, and deliver a presentation related to at least one of the topics in Competencies 1-3.	p. 186
5. Discuss methods of satisfying human needs.	p. 101
a. Differentiate between direct and indirect needs.	p. 101
UNIT 4: Nutrition and Dietetics	
1. Explore the field of nutrition and dietetic services.	pp. 331-332

Healthcare and Clinical Services	Pearson Nursing Careers
MS Course 995105 -CTE:Healthcare & Clinical Services II	Page
a. Research and describe the respective educational requirements, appropriate schools, licensure/certification/registration, work environment, job responsibilities, and salary information for various careers.	pp. 331-332
2. Describe the basic concepts and demonstrate skills related to the field of nutrition and dietetic services.	pp. 332-336
a. Differentiate between the six essential nutrient groups:	pp. 332-336
b. Define the following therapeutic diets and associated medical conditions.	pp. 332-336
3. Design a personal health meal plan utilizing online resources or applications.	p. 337, p. 344
UNIT 5: Emergency Services and Basic Life Support	
1. Explore careers in the field of emergency services.	p. 21, p. 33
a. Research and describe the respective educational requirements, appropriate schools, licensure/certification/registration, work environment, job responsibilities, and salary information for various careers.	p. 14
2. Perform skills obtained in training or certification for basic life support according to the latest information from the American Heart Association or American Red Cross.	p. 59, p. 171
a. Demonstrate the procedure for administering cardiopulmonary resuscitation (CPR) to infants, children, and adults.	p. 168
b. Demonstrate the procedure for administering CPR using an automated external defibrillator (AED) for infants, children, and adults.	p. 168
c. Demonstrate the procedure for removal of foreign-body airway obstruction for infants, children, and adults.	p. 168
UNIT 6: First Aid	
1. Discuss and demonstrate the necessary skills to provide first aid treatment.	p. 171
a. Describe the basic principles of first aid.	p. 171

Healthcare and Clinical Services	Pearson Nursing Careers
MS Course 995105 -CTE:Healthcare & Clinical Services II	Page
2. Describe and demonstrate the concepts for treatment of bleeding wounds and the application of dressing and bandages.	p. 171
a. Differentiate between arterial bleeding and venous bleeding.	p. 169, p. 171
b. Identify types of wounds.	p. 131, op. 171
c. Identify signs and symptoms of internal bleeding.	p. 96, p. 171
d. Apply the proper procedure for treating a major and minor wound.	p. 171
3. Describe the concepts for treating shock.	pp. 169-171
a. Differentiate between the types of shock.	pp. 169-171
b. Identify the general signs and symptoms of shock.	pp. 169-171
c. Apply the proper procedure for treating shock in various situations.	
4. Describe the concepts for treating skeletal injuries.	pp. 204-207
a. Identify and describe fractures and dislocations.	pp. 204-207
b. Describe the following types of immobilization devices and their proper use:	p. 171-172, pp. 204-207
c. Apply the proper procedure for treating a skeletal injury.	p. 203
5. Describe the concepts for treating injuries that result from exposure to extreme heat and cold.	p. 172
a. Differentiate between the types of heat/cold-related injuries/illnesses	p. 172
b. Apply the proper procedure for treating a heat/cold-related illness.	p. 172
6. Describe the concepts for treating burns.	p. 154, p. 168, p. 172
a. Differentiate between the types of burns.	p. 172
b. Apply the proper procedure for treating a burn.	p. 172
7. Describe the concepts for treating sudden illnesses.	pp. 171-174, p. 185, p. 282
a. Differentiate between emergency conditions.	p. 178, p. 210
b. Apply the proper procedure treating the above sudden illnesses.	p. 178, p. 210
8. Describe the concepts for treating specific injuries.	p. 155, p. 176
a. Identify the common injuries to specific body parts.	p. 155, p. 176
b. Apply proper treatment for specific injuries of the above body parts.	p. 155, p. 176
9. Describe the concepts for treatment of poisoning.	p. 154
10. In student groups, create scenarios and simulate any of the above first aid skills.	p. 171

Healthcare and Clinical Services	Pearson Nursing Careers
MS Course 995105 -CTE:Healthcare & Clinical Services II	Page
UNIT 7: Vital Signs	
1. Research key terms and concepts for recording vital signs.	pp. 237-238, p. 423
a. Define the key terms and concepts for recording vital signs.	p. 96, p. 243
2. Identify expected normal ranges and the implications of each.	pp. 237-254, p. 423
a. Research and define the current normal range for adult blood pressure according to the American Heart Association.	pp. 237-254, p. 423
b. Identify the expected normal ranges for adult pulse rate, oxygenation percentage, respiration rate, and temperatures.	pp. 237-254, p. 423
c. Discuss the factors that cause variations in adult pulse rate, oxygenation percentage, respiratory rate, temperatures, and blood pressure.	pp. 237-254, p. 423
3. Demonstrate proper procedures for measuring and recording vital signs according to HOSA standards.	pp. 237-254, p. 423
a. Measure and record oral, rectal, axillary, and tympanic temperatures accurately.	pp. 237-254, p. 423
b. Measure and record apical and radial pulse to an accuracy of + 2 beats per minute.	pp. 237-254, p. 423
c. Measure and record respirations to an accuracy of + 2 of instructor's count.	pp. 237-254, p. 423
d. Measure and record blood pressure to an accuracy of + 2 millimeters of actual reading.	pp. 237-254, p. 423
UNIT 8: Medical Services	
1. Explore the field of medical services.	p. 13, p. 19, p. 54
a. Research and describe the respective educational requirements, appropriate schools, licensure/certification/registration, work environment, job responsibilities, and salary information for various careers.	p. 13, p. 19, p. 54
2. Describe basic medical assistant concepts and procedures.	p. 135, p. 138, pp. 244-245
b. Identify the concepts related to physical exams.	p. 116, p. 397
c. Apply proper procedure.	p. 116, p. 397

Healthcare and Clinical Services	Pearson Nursing Careers
MS Course 995105 -CTE:Healthcare & Clinical Services II	Page
UNIT 9: Nursing Services	
1. Explore the field of nursing services.	p. 19, p. 34
a. Research and describe the respective educational requirements, appropriate schools, licensure/certification/registration, work environment, job responsibilities, and salary information for various careers.	p. 19, p. 34
2. Demonstrate basic nursing skills.	p. 184, p. 262, p. 317
a. Apply the proper procedures for the following:	p. 184, p. 262, p. 317
3. Acting as a CNA in a role-play simulation, apply the proper procedure for morning care on a patient in an occupied bed, including recording vital signs and any two of the above skills.	p. 290, p. 313
UNIT 10: Laboratory Services	
1. Explore the field of laboratory services.	pp. 361-363
a. Research and describe the respective educational requirements, appropriate schools, licensure/certification/registration, work environment, job responsibilities, and salary information of various careers.	pp. 361-363
2. Describe the basic concepts and skills of laboratory services.	pp. 361-363
a. Define basic laboratory diagnostic tests.	pp. 361-363
b. Describe methods of collecting various specimens.	pp. 361-363
UNIT 11: Medical Imaging Services	
1. Explore the field of medical imaging services.	p. 256
a. Research and describe the respective educational requirements, appropriate schools, licensure/certification/registration, work environment, job responsibilities, and salary information of various careers.	p. 256
2. Describe basic concepts and perform skills related to the field of medical imaging.	p. 256, p. 397
a. Define specific medical imaging procedures.	p. 256, p. 397
b. Demonstrate basic radiological positioning, including posterior-anterior, anterior-posterior, lateral, and oblique.	p. 256, p. 397

Healthcare and Clinical Services	Pearson Nursing Careers
MS Course 995105 -CTE:Healthcare & Clinical Services II	Page
UNIT 12: Healthcare Administration	
1. Explore the field of health information management.	p. 42, p. 115
a. Research and describe the respective educational requirements, appropriate schools, licensure/certification/registration, work environment, job responsibilities, and salary information of various careers.	p. 42, p. 115
2. Identify factors that affect healthcare systems, the services that are performed, and the quality of care.	pp. 32-33, p. 37
a. Research and discuss the impact of emerging issues on healthcare delivery systems.	pp. 32-33, p. 37
b. Review common healthcare payment methods.	pp. 32-33, p. 37
c. Describe the responsibilities of consumers within the healthcare system.	p. 116, p. 121
UNIT 13: Mental Health Services	
1. Explore the field of mental health services.	p. 213
a. Research and describe the respective educational requirements, appropriate schools, licensure/certification/registration, work environment, job responsibilities, and salary information of various careers.	p. 35, p. 118, p. 213
2. Describe the basic concepts related to the field of mental health.	pp. 213-216
a. Using resources from the National Alliance of Mental Illness (NAMI), differentiate between mental disorders.	pp. 213-216
Eating disorders	
b. Research and identify forms of therapy.	pp. 213-216, p. 442
3. Discuss the correlation between mental health issues and negative responses to those issues.	pp. 213-216, p. 442
a. Using resources such as NAMI and the Mississippi Department of Mental Health, research and evaluate the current state and national data on various topics.	pp. 213-216, p. 442
b. In a group setting, discuss the importance of the various topics below.	pp. 213-216, p. 442
UNIT 14: Sports Medicine	
1. Explore the field of sports medicine.	NA

Healthcare and Clinical Services	Pearson Nursing Careers
MS Course 995105 -CTE:Healthcare & Clinical Services II	Page
a. Research and describe the respective educational requirements, appropriate schools, licensure/certification/registration, work environment, job responsibilities, and salary information for various careers.	NA
2. Describe the basic concepts of assessment in sports medicine.	NA
a. Identify the components of a sports physical.	NA
b. Discuss the use of SOAP notes in injury assessment.	NA
c. Differentiate between the following types of body fat assessment techniques.	NA
3. Analyze and apply basic injury treatment modalities in sports medicine.	NA
a. Identify the following components of PRICE.	NA
b. Define terms and discuss the importance of vasodilation and vasoconstriction, each in relation to cold/heat application.	NA
c. Apply the proper procedure for applying heat and cold to injuries.	NA
UNIT 15: Rehabilitative Services	
1. Explore the field of rehabilitative services.	pp. 376-380
a. Research and describe the respective educational requirements, appropriate schools, licensure/certification/registration, work environment, job responsibilities, and salary information for various careers.	pp. 376-380
2. Describe and demonstrate the basic concepts of range of motion (ROM).	pp. 382-384
a. Differentiate between active and passive ROM.	pp. 382-384
b. Identify basic terminology related to ROM.	pp. 382-384
c. Demonstrate the proper procedure passive range of motion (PROM) for one knee, one ankle, and one shoulder.	pp. 382-384
3. Demonstrate the proper procedures related to ambulation and assistive devices, according to HOSA standards.	p. 260, pp. 275-279
a. Apply the proper procedure for fitting a patient with crutches and giving instruction for a three-point gait.	p. 260, pp. 275-279

Healthcare and Clinical Services	Pearson Nursing Careers
MS Course 995105 -CTE:Healthcare & Clinical Services II	Page
b. Apply the proper procedure for ambulating a patient with a gait belt.	p. 260, pp. 275-279
c. Apply procedure for fitting and ambulating a patient with a walker and cane.	p. 260, pp. 275-279
UNIT 16: Respiratory Care Services	
1. Explore the field of respiratory therapy.	pp. 191-192
a. Research and describe the respective educational requirements, appropriate schools, licensure/certification/registration, work environment, job responsibilities, and salary information for various careers.	pp. 191-192
2. Describe the basic concepts related to the field of respiratory therapy.	p. 414
a. Identify and provide the rationale for basic respiratory tests and procedures.	p. 161, p. 191, p. 249
b. Define medical conditions related to respiratory care.	p. 161, p. 191, p. 249
UNIT 17: Pharmacology	
1. Explore the field of pharmacological services.	NA
a. Research and describe the respective educational requirements, appropriate schools, licensure/certification/registration, work environment, job responsibilities, and salary information.	NA
2. Describe concepts and perform skills related to the field of pharmacology.	NA
a. Identify the proper components of a prescription.	NA
b. Differentiate between administration methods.	NA
c. Perform mathematical computations related to pharmacology.	NA
d. Given a teacher-created scenario, administer medication utilizing the Six Rights of Medication Administration.	NA
UNIT 18: Clinical Capstone Project	
1. Students will research and learn about common diseases and disorders that affect human beings, including symptoms, causes, and treatments.	NA

Healthcare and Clinical Services	Pearson Nursing Careers
MS Course 995105 -CTE:Healthcare & Clinical Services II	Page
a. Develop a fictional patient for the duration of the clinical capstone project, incorporating specific details and factors to characterize this individual.	p. 36
b. Select a disease or disorder that will be tracked in the fictional patient. See the table below for common disease and disorder ideas.	p. 191
c. Explore the five patient-centered steps in the patient care process and apply the process to the fictional patient by providing patient-centered care.	p. 112, p. 114, p. 117
d. Apply the patient care process to the fictional patient by providing patient-centered care as applicable.	p. 112, p. 114, p. 117
e. Report the outcome of the patient's problem in a mock scenario, illustrating the steps taken by the medical caretaker within a teacher-approved method.	p. 112, p. 114, pp. 117-118
f. Record the patient care process as needed in the state-approved digital portfolio.	p. 112, p. 114, pp. 117-118, p. 390