

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: HCAR 350 Department: Interdisciplinary Health

Course Title: Pathological Conditions Semester: Fall Year: 2001

Objectives/Competencies

| Course Objective | Competencies |
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| 1. Diagnostic Procedures | <ol style="list-style-type: none">1. Name and describe diagnostic testing procedures.2. Explain the type of information each diagnostic procedure can provide. |
| 2. Integumentary System | <ol style="list-style-type: none">1. Name three variations of fungal infections of the skin.2. Name three differences between a boil and acne.3. Name the ABCDE's of melanoma.4. Name three dangers associated with the long-term use of corticosteroid creams.5. Explain and figure the "Rule of Nines." |
| 3. Muskuloskeletal System | <ol style="list-style-type: none">1. Name and identify eight different types of fractures.2. Explain the differences between osteoarthritis, rheumatoid arthritis, and gouty arthritis.3. Describe the difference between structural and functional problems in postural deviations.4. Explain the difference between a sprain and a strain. |

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| 4. Nervous System | <ol style="list-style-type: none"> 1. Name two different types of seizures. 2. Name six different symptoms of stroke. 3. Differentiate between TIA and a stroke. 4. Identify the etiology and signs and symptoms of each condition studied. |
| 5. Circulatory System | <ol style="list-style-type: none"> 1. List the risk factors associated with heart disease. 2. Identify the etiology, signs and symptoms of diabetes. 3. Name the primary danger for complications of DVT. 4. Describe the structural differences between veins and arteries. |
| 6. Lymph and Immune System | <ol style="list-style-type: none"> 1. Identify risk factors for HIV and AIDS. 2. List secondary complications of AIDS. 3. Name three criteria, besides fatigue, necessary for a positive diagnosis of chronic fatigue syndrome. 4. Name two examples of edema that contraindicate circulatory massage. 5. Identify what Lupus can do to the musculoskeletal system. 6. Name the type of immunity supplied to T cells and B cells. |
| 7. Respiratory System | <ol style="list-style-type: none"> 1. Describe the basic mechanics of breathing. 2. Name three risk factors for emphysema. 3. Identify the etiology, signs and symptoms of the conditions studied. |

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| 8. Digestive System | <ol style="list-style-type: none"> 1. Name five complications of cirrhosis. 2. Name three functions of the liver. 3. Name two complications that gallstones can cause. 4. Name three conditions that mimic symptoms of appendicitis. 5. Differentiate between the types of hepatitis. |
| 9. Urinary System | <ol style="list-style-type: none"> 1. Identify the etiology, signs, and symptoms for chronic renal failure. 2. Name four possible causes for kidney stones. 3. Explain the differences between interstitial cystitis and urinary tract infection. 4. Identify three problems that could be present if red blood cells are found in the urine. |
| 10.Reproductive System | <ol style="list-style-type: none"> 1. Name the two most common types of breast cancer. 2. List four treatment options for breast cancer. 3. Name four risk factors for ovarian cancer. 4. Name two types of ovarian cysts. |
| 11.Miscellaneous Conditions | <ol style="list-style-type: none"> 1. Name three criteria for diagnosing alcoholism. 2. Identify risk factors for cancer. 3. Explain the grading system of tumors. 4. Name three consequences of sleep deprivation. |
| 12.Professional Growth | <ol style="list-style-type: none"> 1. Distinguish which conditions are systemically or locally |

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| | <p>contraindicated for massage.</p> <ol style="list-style-type: none">2. Demonstrate the ability to choose and interpret professional literature.3. Demonstrate the ability to research and present a topic applicable to pathology. |