MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE
COURSE OUTLINE

Faculty members are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT. RADT COURSE NUMBER: 2230

NUMBER OF CREDITS: 2 credits Lecture: 2 Lab: 0 OJT NA

Course Title:
Radiological Pathology

Catalog Description:
This course is designed to introduce theories of disease causation and the pathophysiologic disorders that compromise health systems. Etiology, pathophysiologic responses, clinical manifestations, radiographic appearance and management of alterations in body systems will be presented.

Prerequisites or Necessary Entry Skills/Knowledge:
RADT1140 & BIOL2202

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)
Goal 1: Communication: ____ by meeting the following competencies:
Goal 2: Critical Thinking: ____ by meeting the following competencies:
Goal 3: Natural Sciences: ____ by meeting the following competencies:
Goal 4: Mathematics/Logical Reasoning: ____ by meeting the following competencies:
Goal 5: History and the Social and Behavioral Sciences: ____ by meeting the following competencies:
Goal 6: The Humanities and Fine Arts: ____ by meeting the following competencies:
Goal 7: Human Diversity: ____ by meeting the following competencies:
Goal 8: Global Perspective: ____ by meeting the following competencies:
Goal 9: Ethical and Civic Responsibility: ____ by meeting the following competencies:
Goal 10: People and the Environment: ____ by meeting the following competencies:
### Topics to be Covered (General)

Specialized Imaging Techniques, Respiratory System, Skeletal System, GI System, Urinary System

### Student Learning Outcomes

1. Define basic terms related to pathology.
2. Describe the basic manifestations of pathological conditions and their relevance to radiologic procedures.
3. Describe the various systemic classifications of disease in terms of etiology, types, common sites, complications, and prognosis.
4. Describe the radiographic appearance of diseases.
5. Identify imaging procedures and interventional techniques appropriate for diseases common to each body system.

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**Is this course part of a transfer pathway:** Yes ☐ No ☒

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Revised Date: 08/19/20