



ORIGINAL COURSE IMPLEMENTATION DATE: January 2001
 REVISED COURSE IMPLEMENTATION DATE: September 2018
 COURSE TO BE REVIEWED: (six years after UEC approval) March 2024
 Course outline form version: 09/15/14

OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

| | | | | | | | | | | | | | | | | | | | |
|--|-----------|---|----|------------------------------|--|------------------|--|------------------------|--|--|--|----------------------------|--|----------------------|--|--------------|-----------|--|--|
| Course Code and Number: KIN 470 | | Number of Credits: 3 Course credit policy (105) | | | | | | | | | | | | | | | | | |
| Course Full Title: Pathophysiology | | | | | | | | | | | | | | | | | | | |
| Course Short Title (if title exceeds 30 characters): | | | | | | | | | | | | | | | | | | | |
| Faculty: Faculty of Health Sciences | | Department (or program if no department): Kinesiology | | | | | | | | | | | | | | | | | |
| Calendar Description: <p>This human pathology course gives students a fundamental understanding of disease, allowing theoretical and practical applications. General and organ system pathologies are investigated using a progressive model.</p> <p>Note: Students with credit for KPE 470 cannot take this course for further credit.</p> | | | | | | | | | | | | | | | | | | | |
| Prerequisites (or NONE): | | KIN 272. | | | | | | | | | | | | | | | | | |
| Corequisites (if applicable, or NONE): | | NONE | | | | | | | | | | | | | | | | | |
| Pre/corequisites (if applicable, or NONE): | | NONE | | | | | | | | | | | | | | | | | |
| Equivalent Courses (cannot be taken for additional credit) Former course code/number: KPE 480, KPE 470 Cross-listed with: Equivalent course(s): KPE 470 <i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i> | | Transfer Credit Transfer credit already exists: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Transfer credit requested (OReg to submit to BCCAT): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (if yes, fill in transfer credit form) Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input type="checkbox"/> No To find out how this course transfers, see bctransferguide.ca . | | | | | | | | | | | | | | | | | |
| Total Hours: 45 Typical structure of instructional hours: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr><td>Lecture hours</td><td style="text-align: center;">45</td></tr> <tr><td>Seminars/tutorials/workshops</td><td></td></tr> <tr><td>Laboratory hours</td><td></td></tr> <tr><td>Field experience hours</td><td></td></tr> <tr><td>Experiential (practicum, internship, etc.)</td><td></td></tr> <tr><td>Online learning activities</td><td></td></tr> <tr><td>Other contact hours:</td><td></td></tr> <tr><td style="text-align: right;">Total</td><td style="text-align: center;">45</td></tr> </table> | | Lecture hours | 45 | Seminars/tutorials/workshops | | Laboratory hours | | Field experience hours | | Experiential (practicum, internship, etc.) | | Online learning activities | | Other contact hours: | | Total | 45 | Special Topics Will the course be offered with different topics? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, different lettered courses may be taken for credit: <input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit <i>Note: The specific topic will be recorded when offered.</i> | |
| Lecture hours | 45 | | | | | | | | | | | | | | | | | | |
| Seminars/tutorials/workshops | | | | | | | | | | | | | | | | | | | |
| Laboratory hours | | | | | | | | | | | | | | | | | | | |
| Field experience hours | | | | | | | | | | | | | | | | | | | |
| Experiential (practicum, internship, etc.) | | | | | | | | | | | | | | | | | | | |
| Online learning activities | | | | | | | | | | | | | | | | | | | |
| Other contact hours: | | | | | | | | | | | | | | | | | | | |
| Total | 45 | | | | | | | | | | | | | | | | | | |
| | | Maximum enrolment (for information only): 36 | | | | | | | | | | | | | | | | | |
| | | Expected frequency of course offerings (every semester, annually, every other year, etc.): twice annually | | | | | | | | | | | | | | | | | |
| Department / Program Head or Director: Alastair Hodges | | Date approved: October 2017 | | | | | | | | | | | | | | | | | |
| Faculty Council approval | | Date approved: October 2017 | | | | | | | | | | | | | | | | | |
| Campus-Wide Consultation (CWC) | | Date of posting: November 24, 2017 | | | | | | | | | | | | | | | | | |
| Dean/Associate VP: Joanne MacLean | | Date approved: October 2017 | | | | | | | | | | | | | | | | | |
| Undergraduate Education Committee (UEC) approval | | Date of meeting: March 23, 2018 | | | | | | | | | | | | | | | | | |

Learning Outcomes

Upon successful completion of this course, students will be able to:

1. Apply the DEPICT model: definition (and diagnosis), etiology, pathogenesis, pathology, clinical features, and treatment (or prognosis) to pathologies studied.
2. Describe the physiology that relates to human pathologies
3. Explain the most common general and organ system pathologies
4. Explain differential diagnosis and its clinical applications
5. Explain the most common treatments for each of the pathologies studied

Prior Learning Assessment and Recognition (PLAR)

Yes No, PLAR cannot be awarded for this course because

Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Lecture, discussions and class presentations.

Grading system: Letter Grades: Credit/No Credit: Labs to be scheduled independent of lecture hours: Yes No

NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.

Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

| Author (surname, initials) | Title (article, book, journal, etc.) | Current ed. | Publisher | Year |
|----------------------------|--|--------------------------|-----------|------|
| 1. Damjanov, I. | Pathology for the Health-Related Professions | <input type="checkbox"/> | | 2016 |
| 2. | | <input type="checkbox"/> | | |
| 3. | | <input type="checkbox"/> | | |
| 4. | | <input type="checkbox"/> | | |
| 5. | | <input type="checkbox"/> | | |

Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**Typical Evaluation Methods and Weighting**

| | | | | | | | |
|--------------------------------|-----|--------------|-----|-----------------------|-----|------------|------|
| Final exam: | 25% | Assignments: | 10% | Midterm exam (2x25%): | 50% | Practicum: | % |
| Quizzes/tests: | 10% | Lab work: | % | Field experience: | % | Shop work: | % |
| Participation/time management: | 5% | Other: | % | Other: | % | Total: | 100% |

Details (if necessary):

Typical Course Content and Topics**1. General Pathologies**

- a. Cell pathologies
- b. Inflammation
- c. Immunopathology
- d. Neoplasms
- e. Genetic and developmental diseases
- f. Fluid and hemodynamic disorders

2. Selected Organ System Pathologies

- a. Cardiovascular
- b. Respiratory
- c. Bones and joints
- d. Muscles
- e. Nervous system
- f. Endocrine system