PPNP-101 – Anatomy and Physiology for Practical Nursing

Health and Human Services

Effective Term & Year: Fall 2027
Course Outline Review Date: 2032-03-01

Program Area: Health

Description:

This course is designed to provide the student with an overview of the structure (anatomy) and function (physiology) of 12 body systems. Students also learn various health promotion strategies that assist in maintaining optimal function of these body systems. Healthcare terminology is introduced in this course.

Program Information:

This course can be taken prior to the start of the program, or it can be taken during the first level of the Practical Nursing Program. Satisfactory completion of this course is required to continue in Level 1 of the Practical Nursing Program.

Delivery Methods: On-campus (Face-to-Face)

Credit Type: College of the Rockies Credits

Credits: 3

Instructional Activity and Hours:

Activity	Hours
Classroom, Directed Studies or Online Instruction	72
Seminar/Tutorials	
Laboratory/Studio	
Practicum/Field Experience	
Co-op/Work Experience	

Other	
Total	72

Course Requisites:

- Completed the following:
  - ATPH 12 – Anatomy and Physiology 12
  - BIOL090 – Biology-Provincial Level (Human Biology) (0)

Prior Learning and Recognition: No

Course Transfer Credit:

For information about receiving transfer credit for courses taken at either British Columbia or Alberta institutions, please see https://www.bctransferguide.ca/ or https://transferalberta.alberta.ca . For more transfer credit information, please visit https://www.cotr.bc.ca/Transfer

All requests for course transfer credit from institutions in British Columba or elsewhere should go to the College of the Rockies Enrolment Services office.

Textbook Resources:

Textbook selection varies by instructor and may change from year to year. At the Course Outline Effective Date the following textbooks were in use:

Scanlon, V. C., & Sanders, T. (2019). *Essentials of anatomy and physiology* (8th ed.). F.A. Davis Company.

Scanlon, V. C., & Sanders, T. (2019). *Student workbook for essentials of anatomy and physiology* (8th ed.). F.A. Davis Company.

Please see the instructor's syllabus or check COTR's online text calculator https://textbook.cotr.bc.ca/ for a complete list of the currently required textbooks.

Learning Outcomes:

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

- identify and understand the basic structure and function of the body systems;
- define and use common medical and anatomical terminology related to the body systems;
- apply theoretical knowledge to authentic, real life experiences;
- develop a team approach to learning;
- set goals and priorities for your own learning;
- utilize information from a variety of sources to further increase knowledge of the subject;
- identify and understand the basic structure and function of cells, tissues and organs; and
- understand the interrelatedness of all body systems.

Course Topics:

- Medical and Anatomical Terminology
- Structure and Organization of the Human Body
- Integumentary System
- Skeletal System
- Muscular System
- Cardiovascular System and Blood
- Lymphatic System
- Immune System
- Respiratory System
- Urinary System
- Digestive System
- Nervous System
- Endocrine System
- Reproductive System
- Homeostasis

See instructor's syllabus for the detailed outline of weekly readings, activities and assignments.

Evaluation and Assessments

Assessment Type: On-Campus (face-to-face)

Assessment Type	% of Total Grade
Exam 1	30%
Quizzes (3 x 10%)	30%
Exam 2	40%
Total	100%

Grade Scheme

A+	A	A-	B+	B	B-	C+	C	C-	D	F
>=95	94-90	89-85	84-80	79-75	74-70	69-65				<65

Pass requirements:

An overall average of C (60%) or higher is required to pass this course.

Evaluation Notes: This course must be successfully passed with a minimum grade of 65% in order for a student to continue with Level 1 of the PN program.

Additional Evaluation Information:

No rewrites will be granted for any assignments or exams within this course.

Please see the instructor's syllabus for specific classroom policies related to this course, such as details of evaluation, penalties for late assignments and use of electronic aids.

Student Attendance/Absence

- As adult learners, students are expected to attend all classes. Attendance is taken as a means of monitoring student success. In the event of illness or other unavoidable cause of absence, the student should notify the appropriate instructor as soon as possible.
- Students must attend all clinical/preceptorship experiences. If illness or other unavoidable absence occurs, the student must notify the appropriate instructor prior to the time s/he is expected.
- Unexcused/excessive absences from clinical/preceptorship may mean students must withdraw from the program.

Written Assignments

- Assignments about clients must be written using the clients' INITIALS ONLY.
- A 15% penalty will be applied for each day past due date for late assignment submissions. If any assignment is more than three days late, it will be assigned a grade of "0".

Exam Attendance:

Students must attend all scheduled exams at the appointed time and place. Instructors may approve an alternate exam to accommodate an illness or personal crisis. Department heads will consider other written requests. Any student who misses a scheduled exam without prior approval will receive a "0" on the exam.

Academic Policies:

College of the Rockies policies related to courses can be found at https://cotr.bc.ca/about-us/college-policies/ and include the following:

- Policy 2.1.4 Course Audit
- Policy 2.4.1 Credential Framework
- Policy 2.4.3 Students with Documented Disabilities

- Policy 2.4.4 Student Rights, Responsibilities and Conduct
- Policy 2.4.8 Academic Performance
- Policy 2.4.9 Student Feedback and Concerns
- Policy 2.4.11 Storage of Academic Works
- Policy 2.5.3 Student Appeal
- Policy 2.5.5 Prior Learning Assessment and Recognition (PLAR)

Equivalent Course(s) and Course Code Changes

Prior Course Code: APNP 112/PNUR 103

Date changed: January 2012

Course Changes:

The College of the Rockies updates course outlines regularly to meet changing educational, employment and marketing needs. The instructor will notify students in writing of any updates to this outline during the semester. The instructor reserves the right to revise, add or delete material while meeting the learning outcomes of this course outline.