Course Outline

EXSCI1101 ANATOMICAL BASIS OF HUMAN MOVEMENT PE

Title: ANATOMICAL BASIS OF HUMAN MOVEMENT PE

Code: EXSCI1101

Formerly: HM515

School / Division: School of Health Sciences

Level: Introductory

Pre-requisites: Nil

Co-requisites: Nil

Exclusions: (HM515) (EXSCI1102 and HM513 and HM515)

Progress Units: 10

ASCED Code: 10913

Objectives:

After successfully completing this course, students should be able to:

Knowledge:

- Define and describe the structure and functions of the systems of the human body
- Describe the location of selected anatomical structures and features at the cellular, tissue and organ-system levels of the human body
- Analyse relevant relationships between different body structures in support and movement functions in the human body
- Identify the developmental changes that occur in anatomical structures across the lifespan

Skills:

- Integrate anatomical language in describing the structures and functions of the human body
- Display and develop proficiency in study strategies and techniques that promote knowledge acquisition and retention

Values:

- Identify the purpose of Anatomy as a foundation study in physical education and exercise science
- Acknowledge and compare the complexity and diversity of structure across body systems
- Be aware of how race, sex and socio-cultural factors impact on anatomical development and demonstrate respect for the sensitivities of others, especially in cadaver work

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Content:

This course uses a systemic approach to the study of anatomy

Topics may include:

- Introduction & Orientation: Anatomical language; foundational studies of cell biology and histology
- Support and Movement: Skeletal & articular systems; muscular system
- Regulation and Integration: Nervous system; endocrine system
- Maintenance of the Body: Circulatory systems; respiratory system; digestive system; uro-genital systems

Learning Tasks & Assessment:

Learning Task	Assessment	Weighting
Attendance and participation in practical laboratory sessions	At least 90% attendance in practical sessions	S/U
Attendance and participation in practical laboratory sessions	Laboratory Manual workbook	S/U
Participation in all learning activities (scheduled classes and on-line) and review theoretical material	Mid-semester exam	25%
Participation in all learning activities (scheduled classes and on-line) and review theoretical material	Final theory exam	40%
Participation in all learning activities (scheduled classes and on-line) and review theoretical material	Practical laboratory exam	35%

Adopted Reference Style:

APA

Handbook Summary:

This course aims to provide an introduction of the study of human anatomy and its terminology. Students will be provided with a basic understanding of the development and structure of the human body and it's interrelationship with function. The content covers all systems and incorporates special emphasis on those relevant to movement - the skeletal, articular, muscular, nervous and cardio-respiratory systems.