

The Learning Company
Musculoskeletal Anatomy 1 – Student Outline

COURSE DESCRIPTION:

This course will provide an understanding of the skeletal system and its development, along with identification of bony landmarks. As well, the articulations of the skeletal system will be studied along with the relevant ligaments, the nerve supply of the upper and lower extremity. All of the above will be taught in a manner that introduces and reinforces proper anatomical and medical terminology necessary for professional practice.

***Students must pass both the lecture and the lab component of MSA 1 to progress to MSA 2**

DURATION: 75 Hours

TEXTBOOK/RESOURCES:

- *Principles of Anatomy and Physiology*, John Wiley & Sons, Inc
- *Atlas of Human Anatomy*, Elsevier
- Materials as provided by the Instructor

COURSE OBJECTIVES:

After completing this course, you will be able to:

- Know and explain the use of anatomical terminology as it relates to body position, direction, region, planes, cavities and movement
- Know the classification and structure of bone
- Explain the development of bone over the lifespan along with affecting factors
- Examine the bones of the axial and appendicular skeleton along with their landmarks
- Describe the articulations of the skeleton and the function of their relevant ligaments
- Know the brachial plexus, lumbar plexus, and sacral plexus, their pathways, and the nerves they create.
- Palpate a given bony structure
- Display use of proper anatomical terminology in practice including accurate directional and relational terms

KEY TOPICS:

- The Skeletal System
- Articulations
- Innervation

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EVALUATION:

Each student's performance is evaluated based on the satisfactory completion of all exercises and assignments to the standard set by the instructor as well as achieving a passing grade on all tests. The passing grade for this subject is 70%. *Students must pass both the lecture and the lab component of MSA 1 to progress to MSA 2

Quizzes	25%
Tests	45%
Final Exam	30%