

**The Learning Company**  
**Musculoskeletal Anatomy 3 – Student Outline**

**COURSE DESCRIPTION:**

The goal of this course is to create a detailed understanding of the muscular system of the vertebral column, thorax, abdominal wall, abdominopelvic cavity, and the perineum. This will include a thorough examination of the location, origin, insertion, action, and nerve supply of each muscle. Along with the above, accurate palpation of accessible muscles will be demonstrated with guided practice of proper techniques.

**DURATION:**               **90 Hours**

**TEXTBOOK/RESOURCES:**

- *The Muscular System Manual*, Muscolino
- *Principles of Anatomy and Physiology*, Tortora.
- *The Atlas of Human Anatomy*, Netter

**PRE-REQUISITES:** Musculoskeletal Anatomy 2

**COURSE OBJECTIVES:**

After completing this course, you will be able to:

- Understand the muscles of the vertebral column, abdominal wall, abdominopelvic cavity, and the perineum
- Re-examine muscles of the upper limb, lower limb, and skull in terms of location, origin, insertion, and action
- Continue the use of proper anatomical terminology
- Palpate a given muscular or bony structure
- Safely resist the prime action of a particular muscle
- Use anatomical terminology properly in practice including accurate directional and relational terms

**KEY TOPICS:**

- Muscular System of:
  - The Vertebral Column
  - The Thorax
  - The Abdominal Wall
  - The muscles of facial expression
  - Nerve plexuses and Cranial Nerve

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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%.

Tests and quizzes	60%
Final written exam	30%
Assignment	10%