# Biol&241 Unit 3, Lab 1

**MUSCLES OF THE AXIAL SKELETON**

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You must know ACTION, ORIGIN, and INSERTION of all muscles marked with **“\*”.**....know ACTION of all others and be able to identify ALL muscles on models and charts. Refer to Muscle list provided. Muscles marked by a **“C”** indicate muscles that can be observed and tested on the cadavers.

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**MUSCLES OF THE HEAD AND NECK:**

(Movements related to facial expression)

  **Epicranius** (Occipitalis & **(C)** Frontalis) **Orbicularis oris**

 **Zygomaticus major Levator labii superioris**

 **Depressor labii inferioris Buccinator**

 **Mentalis Platysma**

 **Risorius Orbicularis oculi**

 **Corrugator supercilii Levator palpebrae superioris**

(Movement of the eyeball)

 **Superior rectus Inferior rectus**

 **Lateral rectus Medial rectus**

 **Superior oblique Inferior oblique**

(Movement of mandible, tongue and pharynx

 **\*Masseter \*Temporalis**

 **Medial pterygoid Lateral pterygoid**

 **\*Genioglossus Styloglossus**

 **\*Stylohyoid Hyoglossus**

 **\*Digastric**

(Movement of the head and neck)

 **\*(C) Sternocleidomastoid (C) Splenius capitis**

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**MUSCLES OF THE TRUNK:**

(Muscles of breathing)

 **\*Diaphragm \* (C) External intercostals**

 **\* (C) Internal intercostals**

(Muscles of the abdominal wall)

 **\*(C) Rectus abdominis \* (C) External oblique**

 **\*(C) Internal oblique \* (C) Transversus abdominis**

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(Deep muscles of the back)

  **Quadratus lumborum**

 **(C) Erector spinae (Sacrospinalis) muscles:**

 **1) Spinalis (capitis, cervicis, thoracis)**

 **2) Longissimus (capitis, cervicis, thoracis)**

 **3) Iliocostalis (cervicis, thoracis, lumborum)**

(Muscles of the pelvic floor and perineum)

  **Levator ani Bulbospongiosus**

 **Coccygeus Ischiocavernosus**

 **External anal sphincter**

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