



BROWARD COMMUNITY COLLEGE COURSE OUTLINE

LAST REVIEW: 2006-2007
(i.e. 2003-2004)

NEXT REVIEW: 2011-2012
(i.e. 2008-2009)

STATUS: A
(A, I, D)

COURSE TITLE: Anatomy for the PT Assistant Lab

COMMON COURSE NUMBER: PHT 1103L

CREDIT HOURS: 1

CONTACT HOUR BREAKDOWN
(per 16 week term)

CLOCK HOURS:
(Voc. Course ONLY)

Lecture: Lab: **32**
Clinic: Other:

PREREQUISITE(S):

COREQUISITE(S):

PRE/COREQUISITE(S): PHT 1103 and PHT 1200L

COURSE DESCRIPTION (750 characters, maximum):

Laboratory sessions for Anatomy for PTA (PHT 1103) are designed to provide the students with an opportunity to identify, with accuracy, a variety of bones, bony landmarks, muscles, ligaments and other soft tissue structures using graphics and various anatomical specimens/models. Basic palpation skills are developed.

UNIT TITLES

- 1.0 Orientation to the Course**
- 2.0 Anatomical Terms and Movements**
- 3.0 Head, Neck and Face Palpation and Osteology**
- 4.0 Head, Neck and Face Myology**
- 5.0 Spine and Thorax Palpation and Osteology**
- 6.0 Spine and Thorax Myology**
- 7.0 Shoulder and Arm Palpation and Osteology**
- 8.0 Shoulder and Arm Myology**
- 9.0 Forearm and Hand Palpation and Osteology**
- 10.0 Forearm and Hand Myology**
- 11.0 Pelvis and Thigh Palpation and Osteology**
- 12.0 Pelvis and Thigh Myology**
- 13.0 Leg and Foot Palpation and Osteology**
- 14.0 Leg and Foot Myology**



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ASSESSMENT:

Please provide a brief description (250 characters maximum) that details how students will be assessed on the course outcomes.

1. Assessment of reading and online assignments via submission of homework projects;
2. Pre-lab exercises;
3. Participation in Discussion Forums on the WebCT site;
4. Practical Examinations to assess knowledge

**** Complete the following only if course is seeking general education status ****

GENERAL EDUCATION Competencies and Skills *:

Please highlight in green font all Competencies/Skills from the list below that apply to this course. In the box to the right of the Competency/Skill, enter all specific learning outcome numbers (i.e. 1.1, 2.7, 5.12) that apply.

1. Read with critical comprehension	
2. Speak and listen effectively	
3. Speak and listen effectively	
4. Think creatively, logically, critically, and reflectively (analyze, synthesize, apply, and evaluate)	
5. Demonstrate and apply literacy in its various forms: (highlight in green ALL that apply) (1. technological, 2. informational, 3. mathematical, 4. scientific, 5. cultural, 6. historical, 7. aesthetic and/or 8. environmental)	
6. Apply problem solving techniques to real-world experiences	
7. Apply methods of scientific inquiry	
8. Demonstrate an understanding of the physical and biological environment and how it is impacted by human beings	
9. Demonstrate an understanding of and appreciation for human diversities and commonalities	
10. Collaborate with others to achieve common goals.	
11. Research, synthesize and produce original work	
12. Practice ethical behavior	
13. Demonstrate self-direction and self motivation	
14. Assume responsibility for and understand the impact of personal behaviors on self and society	
15. Contribute to the welfare of the community	

** General Education Competencies and Skills endorsed by '05-'06 General Education Task Force*



BROWARD COMMUNITY COLLEGE COURSE OUTLINE

Common Course Number: PHT 1103L

UNITS

Unit 1 Orientation to the Course

General Outcome:

- 1.0 The student will be able to understand the expectations within the laboratory section of this course.

Specific Instructional Objectives:

Upon successful completion of this unit, the student will be able to:

- 1.1 Understand expectations of student performance while participating in laboratory sessions and related activities.
- 1.2 Complete an assigned lab activity.



Common Course Number: PHT 1103L

Unit 2 Anatomical Terms and Movements

General Outcome:

- 2.0 The student will be able to understand anatomical terms and demonstrate movements along specific planes and axes.

Specific Instructional Objectives:

Upon successful completion of this unit, the student will be able to:

- 2.1 Complete an assigned lab activity.
- 2.2 Identify the anatomical position and movements that occur at each joint.
- 2.3 Identify the various planes of the body and the joint movements that occur on each plane.
- 2.4 Identify the axes of motion for the major joints of the body.
- 2.5 Identify major bony structures and key parts of the axial and appendicular skeleton.
- 2.6 Determine which bones are components of the major joints of the body..
- 2.7 Classify the major joints of the body and their axes of motion, location and degrees of freedom.



Common Course Number: PHT 1103L

Unit 3 Head, Neck and Face Palpation and Osteology

General Outcome:

- 3.0 The student will be able to identify major bones and joints as well palpate bony landmarks of the head, neck and face.

Specific Instructional Objectives:

Upon successful completion of this unit, the student will be able to:

- 3.1 Complete an assigned lab activity.
3.2 Identify bony prominences and structures related to the head, face and neck.
3.3 Palpate specific bony prominences related to the head, neck and face on self and partner.
3.4 Analyze models of the head, neck and face – including the joints in which this area of the body is incorporated, any ligamentous structures that are related to this area of the body and movements that occur at the joint(s) in which this are of the body is involved.
3.5 Relate the head, neck and face to the human skeleton.



Common Course Number: PHT 1103L

Unit 4 Head, Neck and Face Myology

General Outcome:

- 4.0 The student will be able to identify major muscles, their actions, their locations and their innervations of the head, neck and face.

Specific Instructional Objectives:

Upon successful completion of this unit, the student will be able to:

- 4.1 Complete assigned lab activities.
4.2 Recognize major head, neck and face muscles' origins, insertions and normal alignment/orientation in the human body.



Common Course Number: PHT 1103L

Unit 5 Spine and Thorax Palpation and Osteology

General Outcome:

- 5.0 The student will be able to identify major bones and joints as well palpate bony landmarks of the spine and thorax.

Specific Instructional Objectives:

Upon successful completion of this unit, the student will be able to:

- 5.1 Complete an assigned lab activity.
5.2 Identify bony prominences and structures related to the spine and thorax.
5.3 Palpate specific bony prominences related to the spine and thorax on self and partner.
5.4 Analyze models of the spine and thorax – including the joints in which this area of the body is incorporated, any ligamentous structures that are related to this area of the body and movements that occur at the joint(s) in which this are of the body is involved.
5.5 Relate the spine and thorax to the human skeleton.



Common Course Number: PHT 1103L

Unit 6 Spine and Thorax Myology

General Outcome:

- 6.0 The student will be able to identify major muscles, their actions, their locations and their innervations of the spine and thorax.

Specific Instructional Objectives:

Upon successful completion of this unit, the student will be able to:

- 6.1 Complete assigned lab activities.
6.2 Recognize major spine and thorax muscles' origins, insertions and normal alignment/orientation in the human body.



Common Course Number: PHT 1103L

Unit 7 Shoulder and Arm Palpation and Osteology

General Outcome:

- 7.0 The student will be able to identify major bones and joints as well palpate bony landmarks of the shoulder and arm.

Specific Instructional Objectives:

Upon successful completion of this unit, the student will be able to:

- 7.1 Complete an assigned lab activity.
7.2 Identify bony prominences and structures related to the shoulder and arm.
7.3 Palpate specific bony prominences related to the shoulder and arm on self and partner.
7.4 Analyze models of the shoulder and arm – including the joints in which this area of the body is incorporated, any ligamentous structures that are related to this area of the body and movements that occur at the joint(s) in which this are of the body is involved.
7.5 Relate the shoulder and arm to the human skeleton.



Common Course Number: PHT 1103L

Unit 8 Shoulder and Arm Myology

General Outcome:

- 8.0 The student will be able to identify major muscles, their actions, their locations and their innervations of the shoulder and arm.

Specific Instructional Objectives:

Upon successful completion of this unit, the student will be able to:

- 8.1 Complete assigned lab activities.
8.2 Recognize major shoulder and arm muscles' origins, insertions and normal alignment/orientation in the human body.



Common Course Number: PHT 1103L

Unit 9 Forearm and Hand Palpation and Osteology

General Outcome:

- 9.0 The student will be able to identify major bones and joints as well palpate bony landmarks of the forearm and hand.

Specific Instructional Objectives:

Upon successful completion of this unit, the student will be able to:

- 9.1 Complete an assigned lab activity.
9.2 Identify bony prominences and structures related to the forearm and hand.
9.3 Palpate specific bony prominences related to the forearm and hand on self and partner.
9.4 Analyze models of the forearm and hand – including the joints in which this area of the body is incorporated, any ligamentous structures that are related to this area of the body and movements that occur at the joint(s) in which this are of the body is involved.
9.5 Relate the forearm and hand to the human skeleton



Common Course Number: PHT 1103L

Unit 10 Forearm and Hand Myology

General Outcome:

- 10.0 The student will be able to identify major muscles, their actions, their locations and their innervations of the forearm and hand.

Specific Instructional Objectives:

Upon successful completion of this unit, the student will be able to:

- 10.1 Complete assigned lab activities.
10.2 Recognize major forearm and hand muscles' origins, insertions and normal alignment/orientation in the human body.



Common Course Number: PHT 1103L

Unit 11

Pelvis and Thigh Palpation and Osteology

General Outcome:

- 11.0 The student will be able to identify major bones and joints as well palpate bony landmarks of the pelvis and thigh.

Specific Instructional Objectives:

Upon successful completion of this unit, the student will be able to:

- 11.1 Complete an assigned lab activity.
- 11.2 Identify bony prominences and structures related to the pelvis and thigh.
- 11.3 Palpate specific bony prominences related to the pelvis and thigh on self and partner.
- 11.4 Analyze models of the pelvis and thigh – including the joints in which this area of the body is incorporated, any ligamentous structures that are related to this area of the body and movements that occur at the joint(s) in which this are of the body is involved.
- 11.5 Relate the pelvis and thigh to the human skeleton



Common Course Number: PHT 1103L

Unit 12 Pelvis and Thigh Myology

General Outcome:

- 12.0 The student will be able to identify major muscles, their actions, their locations and their innervations of the pelvis and thigh.

Specific Instructional Objectives:

Upon successful completion of this unit, the student will be able to:

- 12.1 Complete assigned lab activities.
12.2 Recognize major pelvis and thigh muscles' origins, insertions and normal alignment/orientation in the human body.



Common Course Number: PHT 1103L

Unit 13 Leg and Foot Palpation and Osteology

General Outcome:

- 13.0 The student will be able to identify major bones and joints as well palpate bony landmarks of the leg and foot.

Specific Instructional Objectives:

Upon successful completion of this unit, the student will be able to:

- 13.1 Complete an assigned lab activity.
13.2 Identify bony prominences and structures related to the leg and foot.
13.3 Palpate specific bony prominences related to the leg and foot on self and partner.
13.4 Analyze models of the leg and foot – including the joints in which this area of the body is incorporated, any ligamentous structures that are related to this area of the body and movements that occur at the joint(s) in which this are of the body is involved.
13.5 Relate the leg and foot to the human skeleton



Common Course Number: PHT 1103L

Unit 14 Leg and Foot Myology

General Outcome:

- 14.0 The student will be able to identify major muscles, their actions, their locations and their innervations of the leg and foot.

Specific Instructional Objectives:

Upon successful completion of this unit, the student will be able to:

- 14.1 Complete assigned lab activities.
14.2 Recognize major leg and foot muscles' origins, insertions and normal alignment/orientation in the human body.