Course Outline

UNIVERSITY STUDIES

PEDS 100
Structural Anatomy
Fall, 2014

3 CREDITS
5 HOURS PER WEEK

INSTRUCTOR: Michael Scarlett
INSTRUCTOR: Michael Scarlett

PHONE NUMBER: (780) 791-4824

E-MAIL: michael.scarlett@keyano.ca

OFFICE NUMBER: S213E

OFFICE HOURS:
Tuesday 1500-1550
Wednesday 1500-1550
Thursday 0900-1050
Friday 0900-0950

HOURS OF INSTRUCTION:
Monday 1000-1150 LAB S107
Tuesday 1100-1250 LEC 233
Thursday 1200-1250 LEC 215

COURSE DESCRIPTION:
Introductory study of human anatomy. Students learn structural and functional components of selected systems of the human body.

COURSE OUTCOMES:
Through a combination of lectures, readings, and laboratory experiences, successful students will:

1. Develop a general knowledge of anatomical terminology for use in the description of human structure and movement;
   Evaluation in Class and Lab with quizzes, exams and assignments.

2. Develop a foundation knowledge of selected anatomical structures; and
   Evaluation in Class and Lab with quizzes, exams and assignments.

3. Develop the ability to use anatomical reference sources to assist in the further study of sports injuries, sports reconditioning, strength training, human structure and body function.
   Evaluation in Class and Lab with quizzes, exams and assignments.
REQUIRED RESOURCES (Textbook and Study Guides):


RECOMMENDED RESOURCES (Textbook):


Contreras, B. Body Weight Strength Training Anatomy. Windsor, ON. Human Kinetics.

TOPICS TO BE COVERED:

**Please Note:**
This course outline may be modified to facilitate unforeseen time constraints. Date and time allotted to each topic is subject to change.

Class Schedule

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Organisation of the Human Body Chemical &amp; Cellular level of organisation</td>
<td>Chapter 1 &amp; 2</td>
<td>Chapters 1,2,3 &amp; 29</td>
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<tr>
<td>2</td>
<td>Tissues</td>
<td>Chapter 1 &amp; 2</td>
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<tr>
<td>3</td>
<td>Joints Upper Extremity: Shoulder</td>
<td>Chapter 3</td>
<td>Chapter 9, Chapter 8 pg243-250, Chapter 11 pg358-369</td>
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<tr>
<td>4</td>
<td>Upper Extremity: Elbow and Forearm</td>
<td>Chapter 4</td>
<td>Chapter 8 pg243-250, Chapter 11 pg358-369</td>
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<tr>
<td>5</td>
<td>Upper Extremity: Elbow and Forearm Upper Extremity: Wrist and Hand Midterm #1 (Week 1-3)</td>
<td>Chapter 4 &amp; 5</td>
<td>Chapter 8 pg243-250, Chapter 11 pg358-369</td>
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<tr>
<td>6</td>
<td>Upper Extremity: Blood Vessels and Nerves The Pelvis Lab Bell Ringer</td>
<td>Chapter 6 &amp; 8 (pg 159-164)</td>
<td>Chapter 8 pg250-253, Chapter 13 pg442-447, Chapter 21 Pg755-771</td>
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<tr>
<td>7</td>
<td>Lower Extremity: Hip and Thigh Lower Extremity: Knee</td>
<td>Chapter 11 &amp; 12</td>
<td>Chapter 8 pg254-259, Chapter 11 pg369-379</td>
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<tr>
<td>8</td>
<td>Lower Extremity: Lower Leg, Ankle &amp; Foot</td>
<td>Chapter 13</td>
<td>Chapter 8 pg254-259, Chapter 11 pg369-379</td>
</tr>
</tbody>
</table>
### Week 9
- **Lower Extremity: Blood Vessels and Nerves**
  - Chapter 14
- Functional Anatomy Reading: **The Outer Unit**
  - **Midterm #2 (Week 4-9)**
  - Chapter 8, 9 & 10
  - Chapter 7 pg226-237
  - Chapter 11 pg351-357
  - Chapter 13 pg430-441
  - Chapter 7 Pg207-226
  - Chapter 20 Pg685-700

### Week 10
- **The Spinal Column and Thorax**
- **Lab Bell Ringer**
  - Chapter 7 & 10
  - Chapter 20 Pg685-700
  - **Anatomy only**

### Week 11
- **The Head**
  - Chapter 7 & 10

### Week 12
- **Cardiovascular: Heart**
  - Chapter 10

### Week 13
- **Cardiovascular: Blood System and Lungs**
  - Chapter 10

### Week 14
- **Lymphatic, Digestive and Urinary Systems**
  - -
  - Chapter 22
  - Chapter 24
  - Chapter 26
  - **Anatomy only**

### Lab Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1</td>
<td>No labs</td>
<td>-------</td>
</tr>
<tr>
<td>2</td>
<td>Lab 1 - Terminology, Osteology and Arthrology</td>
<td>-------</td>
</tr>
<tr>
<td>3</td>
<td>Lab 2 - Upper Appendicular 1</td>
<td>-------</td>
</tr>
<tr>
<td>4</td>
<td>Lab 3 - Upper Appendicular 2</td>
<td>-------</td>
</tr>
<tr>
<td>5</td>
<td>Lab 4 - Upper Appendicular 3</td>
<td>-------</td>
</tr>
<tr>
<td>6</td>
<td>Bell Ringer</td>
<td>-------</td>
</tr>
<tr>
<td>7</td>
<td>No labs</td>
<td>-------</td>
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<tr>
<td>8</td>
<td>Lab 5 - Lower Appendicular 1</td>
<td>-------</td>
</tr>
<tr>
<td>9</td>
<td>Lab 6 - Lower Appendicular 2</td>
<td>-------</td>
</tr>
<tr>
<td>10</td>
<td>Lab 7 - Trunk</td>
<td>-------</td>
</tr>
<tr>
<td>11</td>
<td>Lab X – The Outer Unit</td>
<td>-------</td>
</tr>
<tr>
<td>12</td>
<td>Bell Ringer</td>
<td>-------</td>
</tr>
<tr>
<td>13</td>
<td>Lab 8 - Skull &amp; CNS</td>
<td>-------</td>
</tr>
<tr>
<td>14</td>
<td>Lab 9 – Cardio-Respiratory Systems</td>
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EVALUATION:

Tests 45%
Test #1- 20% Thursday Oct 2nd
Test #2- 25% Thursday Nov 6th

Labs 25% (10 x 1% in class Bell Ringers, 2 x 7.5% Exam Bell Ringers)

Final 30%
Will be during the final exam week

Lab Policy

Attendance is taken at each lab period. It is **MANDATORY** that you attend every lab throughout the Term. There will be a **5% deduction** from the final portion of the overall mark **for every missed lab up to 3 labs. After three absences a student will be given a zero on the lab portion of the class.** Students are able to miss labs with a written reason. I.e. death in the family, extreme sickness. Athletics is NOT a reason to miss labs. If you have a Huskies Athletics event on a Monday then it must be brought to the instructor at least 1 WEEK prior to the lab in order to make special arrangements.

Students who do not complete all the required work should not expect to pass the course.

GRADING SYSTEM:

<table>
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<tr>
<th>Letter Grade</th>
<th>Description</th>
<th>Grade Points</th>
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<tr>
<td>A+</td>
<td>Excellent</td>
<td>4</td>
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<tr>
<td>A</td>
<td></td>
<td>4</td>
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<tr>
<td>A-</td>
<td></td>
<td>3.7</td>
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<tr>
<td>B+</td>
<td>Good</td>
<td>3.3</td>
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<tr>
<td>B</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>B-</td>
<td></td>
<td>2.7</td>
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<tr>
<td>C+</td>
<td>Satisfactory</td>
<td>2.3</td>
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<tr>
<td>C</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>C-</td>
<td></td>
<td>1.7</td>
</tr>
<tr>
<td>D+</td>
<td>Minimal Pass</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0</td>
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Students intending to transfer to other institutions require a ‘C-’ as a minimum.
Transfer information on each course is available at the [Alberta Council on Admission and Transfers](http://www.alberta.ca/).
MOODLE 7 Go to http://ilearn.keyano.ca
This course is supported through Moodle 7. Assignments, readings and handouts will be posted on Moodle 7. Login information will be provided by your instructor. For further instructions please see the Moodle 7 handout.

Students who do not complete all the required work should not expect to pass the course. 
Students should consult:

http://www.keyano.ca/current_students/examinations/index.htm

IMPORTANT DATES:

<table>
<thead>
<tr>
<th>Date</th>
<th>Action Description</th>
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<tbody>
<tr>
<td>September 16, 2014</td>
<td>Courses dropped by this date will be designated “W” and you will receive a full refund. (A withdrawal “W” is not reflected in your GPA)</td>
</tr>
<tr>
<td>October 10th, 2014</td>
<td>Courses dropped by this date will be designated “W” and you will receive a 50% refund.</td>
</tr>
<tr>
<td>November 26th, 2014</td>
<td>Courses dropped by this date will be designated “W”.</td>
</tr>
<tr>
<td>December 8th - 17th, 2014</td>
<td>Final Exams</td>
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</table>

COLLEGE POLICIES

Equality, Equity and Respect
The Keyano College is committed to providing an environment of equality, equity and respect for all people within the College community. All members of this community are considered partners in developing teaching and learning contexts that are welcoming to all. Faculty, staff, and students are encouraged to use inclusive language to create a classroom atmosphere in which students' experiences and views are treated with equal respect and valued in relation to their gender, ethnic and cultural background, and sexual orientation.

Students should consult:
http://www.keyano.ca/Committees/IRA/Individual_Rights_Policy.asp

Plagiarism and Cheating
Every student expects to be treated and evaluated fairly in a course. Plagiarism and cheating robs everyone of this right.

No student may submit words, ideas or data of another student or person as his or her own in any writing, project, assignment, quiz, electronic presentation, exam etc. Any work used that is not the student's own must be clearly cited as belonging to someone else. There are penalties for using other's work and not citing it. The Student's Rights & Responsibilities document clearly outlines these penalties and the appeal process.

- No learner can obtain information from another student during an exam.
- No learner can bring unauthorized information (paper or electronic) into an exam or quiz.
- No student can submit work done in another course for grading in this course without the written prior approval of the course instructor.
No student can submit copyright protected or commercially produced materials as part or all of an assignment without proper citation & permission.

**Student Rights & Responsibilities**
Students should consult the Keyano College Credit Calendar or online at: http://www.keyano.ca/Media/Collections/Calendars/Keyano.Calendar1112-10-full.pdf

**Specialized Supports and Duty to Accommodate**

*Disability Support Services: Learner Assistance Program*
If you have a documented disability or you think that you would benefit from some assistance from a Disabilities Counsellor, please call or visit the Disability Supports Office 780-792-5608 to book an appointment (across from the library). Services and accommodations are intended to assist you in your program of study, while maintaining the academic standards of Keyano College. We can be of assistance to you in disclosing your disability to your instructor, providing accommodations, and supporting your overall success at Keyano College.

*Specialized Supports and Duty to Accommodate*
Specialized Support and Duty to Accommodate are aligned with the office of Disability Support Services: Learner Assistance Program (LAP) guided by federal and provincial human rights legislation, and defined by a number of Keyano College policies. Keyano College is obligated by legislation to provide disability-related accommodations to students with identified disabilities to the point of undue hardship.
Course Outline

UNIVERSITY STUDIES

PEDS 100
Structural Anatomy
Fall, 2014

#3 CREDITS
#5 HOURS PER WEEK

Michael Scarlett, Instructor  Date

Reviewed and approved by:

Vincella Thompson, Dean  Date