KINESIOLOGY AND HEALTH SCIENCE DEPARTMENT
KIN 417L-023: ANALYSIS OF MOVEMENT
Spring 2018

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Course Time & Location: EDAN 111 R 12:30-1:45
Office Hours: M 3:00-4:00, T 3:00-4:00, W 11:00-12:00
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I. Course Description:

KIN 417L. Analysis of Movement Laboratory. KIN 417L (laboratory) is a co-requisite for KIN 417 lecture. Laboratory and lecture grades will be computed into one grade and the same final grade will be counted for both lecture and lab. This course contains a critical assignment (Motion Analysis Project) related to accountability and accreditation.

II. Intended Learning Outcomes/Goals/Objectives:

This course is one of the core courses that make-up the scientific foundations area for kinesiology and all movement related fields. It prepares an individual to be able to evaluate and analyze human movement with the intent of influencing improvement. Studying the anatomical and mechanical factors that influence human movement gives an individual the background knowledge to be able to accomplish this goal. This course has been designed to help students in movement related fields to achieve professional excellence and to help the Kinesiology and Health Science Department and the College of Education at SFASU to provide an exemplary program which is recognized at the state, national, and international levels. This is in alignment with the Vision of the College of Education as stated in the COE Conceptual Framework, which can be viewed at http://www.sfasu.edu/education/about/accreditations/ncate/conceptual/.

Program Learning Outcomes:

1. The student will identify and analyze critical components of physical movement.
2. The student will demonstrate knowledge of kinesiological principles and content.
3. The student will demonstrate an understanding of basic principles of physical fitness concepts and the utilization of available technology in assessing fitness levels, performance, and physiological effects during various levels of physical stress.

Student Learning Outcomes:

1. The student will be able to accurately describe a movement.
2. The student will be able to identify the anatomical and mechanical factors that most influence a performance.
3. The student will be able to evaluate and analyze a performance using technology with the intent of influencing improvement.

The following NASPE Standards are covered in this course:

Standard 1: Content Knowledge Physical education teachers understand physical education content and disciplinary concepts related to the development of a physically educated person.

1.1 Teacher candidates can satisfactorily demonstrate the ability to identify critical elements both verbally and by written analysis.
1.3 Teacher candidates demonstrate an understanding of concepts and strategies related to skillful movement through accurate analysis of “why” movement performance occurs as it does, and by the identification of factors that distinguish novice from expert movement performance.
1.4 Teacher candidates demonstrate bioscience knowledge and use this knowledge appropriately to plan and teach skillful movement, physical activity, and fitness.

Standard 7: Student Assessment Physical education teachers understand and use assessment to foster physical, cognitive, and emotional development of students in physical activity.

7.2 Teacher candidates use a variety of appropriate authentic and traditional assessment techniques to assess student performance, provide feedback, and communicate student progress (i.e., for both formative and summative purposes).

Standard 9: Technology
Physical education teachers use information technology to enhance learning and to enhance personal and professional productivity.

9.1 Teacher candidates demonstrate knowledge of current technologies and their application to physical education.
9.3 Teacher candidates demonstrate a sufficient use of technologies to communicate, network, locate resources, and enhance continuing professional development.
III. Course Assignments, Activities, Instructional Strategies, use of Technology:

1. Instructional Strategies: Lecture, assignments, and class discussions.

2. Communication: All students should have access to Desire to Learn (D2L) and a SFASU student email address. Assignments, lecture notes and other pertinent information will be available on D2L. Student email addresses will be used to communicate with the class and individual students on an as needed basis.

3. Assignments: Practical application based problems to emphasize concepts from lectures.

4. Engagement: Successful completion of the requirements of this course requires student attendance and active engagement in the laboratory meetings.
   a. Students who are absent from a scheduled laboratory meeting without an official excuse will receive a 1-point deduction from overall course grade for each occurrence.
   b. Students who are tardy for a scheduled laboratory meeting without an official excuse will receive a 0.5-point deduction from overall course grade for each occurrence.

5. Qualitative Analysis of Motion Project: This project will allow each student the opportunity to apply the concepts learned from both laboratory and lecture to analyze a whole-body movement. Details regarding this project will be provided on D2L and also covered in class.

<table>
<thead>
<tr>
<th>Assessment/Assignment</th>
<th>Program Standards NASPE</th>
<th>CAEP Standards</th>
<th>ISTE Standards</th>
<th>InTASC Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualitative Analysis of Movement Project:</td>
<td>1.1, 1.5, 3.7, 4.2, 4.3</td>
<td>1.3, 1.5</td>
<td>1a, 1b, 1d, 2a, 2b, 2c, 2d, 3a, 3b, 3c, 3d</td>
<td>1a, 1c, 3g, 3m, 4l</td>
</tr>
</tbody>
</table>

IV. Evaluation and Assessments (Grading): Lecture and lab grades will be computed into one grade and the same final grade will be counted for both lecture and lab. Your grade for the course will be based on the following:

Assessments

<table>
<thead>
<tr>
<th>Assignments</th>
<th>40 points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>10 points</td>
</tr>
</tbody>
</table>

Grading Scale

<table>
<thead>
<tr>
<th>Points</th>
<th>Percent</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>45-50</td>
<td>90-100%</td>
<td>A</td>
</tr>
<tr>
<td>40-44</td>
<td>80-89%</td>
<td>B</td>
</tr>
<tr>
<td>35-39</td>
<td>70-79%</td>
<td>C</td>
</tr>
<tr>
<td>30-34</td>
<td>60-69%</td>
<td>D</td>
</tr>
<tr>
<td>&lt;30</td>
<td>&lt; 60%</td>
<td>F</td>
</tr>
</tbody>
</table>
V. Tentative Course Outline/Calendar: (The following content is expected to be covered on the following dates, but unforeseeable circumstances might necessitate a change in date for the content.)

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic / Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/15</td>
<td>Laboratory does not meet</td>
</tr>
<tr>
<td>2</td>
<td>1/22</td>
<td>Course syllabus and Introductions</td>
</tr>
<tr>
<td>3</td>
<td>1/29</td>
<td>Assignment 1 – Bone Identification. Assignment is due prior to the end of lab.</td>
</tr>
<tr>
<td>4</td>
<td>2/5</td>
<td>Assignment 2 – Skeletal Muscle Identification. Assignment is due prior to the end of lab.</td>
</tr>
<tr>
<td>5</td>
<td>2/12</td>
<td>Assignment 3 – Planes and Axes of Motion. Assignment is due prior to the end of lab.</td>
</tr>
<tr>
<td>6</td>
<td>2/19</td>
<td>Assignment 4 – References for Project. Assignment is due prior to the end of lab.</td>
</tr>
<tr>
<td>7</td>
<td>2/26</td>
<td>Assignment 5 – Collect Video Data. Assignment is due prior to the end of lab.</td>
</tr>
<tr>
<td>8</td>
<td>3/5</td>
<td>Assignment 5 – Collect Video Data. Assignment is due prior to the end of lab.</td>
</tr>
<tr>
<td>9</td>
<td>3/12</td>
<td>SPRING BREAK</td>
</tr>
<tr>
<td>10</td>
<td>3/19</td>
<td>Assignment 6 – Qualitative Analysis of Motion Checklist. Assignment is due prior to the end of lab.</td>
</tr>
<tr>
<td>11</td>
<td>3/26</td>
<td>Assignment 7 – Analysis of Video Data. Assignment is due prior to the end of lab.</td>
</tr>
<tr>
<td>12</td>
<td>4/2</td>
<td>Assignment 7 – Analysis of Video Data. Assignment is due prior to the end of lab.</td>
</tr>
<tr>
<td>13</td>
<td>4/9</td>
<td>Assignment 8 – Range of Motion Assessment. Assignment is due prior to the end of lab.</td>
</tr>
<tr>
<td>14</td>
<td>4/16</td>
<td>Study Day</td>
</tr>
<tr>
<td>15</td>
<td>4/23</td>
<td>Course Evaluations</td>
</tr>
</tbody>
</table>

*Schedule is subject to change.

VI. Textbook, Charts, and Supplies

Required Resources

2. This course collects assessments for students who are Perkins College of Education majors (undergraduate, graduate, and doctoral) or majors in other colleges seeking educator certification through the Perkins College of Education, using the LiveText data management system. Students who do not have an existing LiveText account will receive an access code via your SFA Titan email within the first week of class. You will be required to register your LiveText account, and you will be notified how to register your account. If you forward your SFA e-mail to another account and do not receive an e-mail concerning LiveText registration, please be sure to check your junk mail folder and your spam filter for these e-mails. If you have questions about LiveText, call ext. 1267 or e-mail SFALiveText@sfasu.edu.

VII. Course Evaluations:

Near the conclusion of each semester, students in the College of Education electronically evaluate courses taken within the COE. Evaluation data is used for a variety of important purposes including:

1. Course and program improvement, planning, and accreditation;
2. Instruction evaluation purposes; and
3. Making decisions on faculty tenure, promotion, pay, and retention.

As you evaluate this course, please be thoughtful, thorough, and accurate in completing the evaluation. Please know that the PCOE faculty is committed to excellence in teaching and continued improvement.

In the Perkins College of Education, the course evaluation process has been simplified and is completed electronically through MySFA. Although the instructor will be able to view the names of students who complete the survey, all ratings and comments are confidential and anonymous, and will not be available to the instructor until after final grades are posted.

VIII. Student Ethics and Other Policy Information:

Acceptable Student Behavior

Classroom behavior should not interfere with the instructor's ability to conduct the class or the ability of other students to learn from the instructional program (see the Student Conduct Code, policy D-34.1). Unacceptable or disruptive behavior will not be tolerated. Students who disrupt the learning environment may be asked to leave class and may be subject to judicial, academic or other penalties. This prohibition applies to all instructional forums, including electronic, classroom, labs, discussion groups, field trips, etc. The instructor shall have full discretion over what behavior is appropriate/inappropriate in the classroom. Students who do not attend class regularly or who perform poorly on class projects/exams may be referred to the Early Alert Program. This program provides students with recommendations for resources or other assistance that is available to help SFA students succeed.

Class Attendance and Excused Absence: Policy 6.7

Regular, punctual attendance, documented participation, and, if indicated in the syllabus, submission of completed assignments are expected at all classes, laboratories, and other activities for which the student is registered. Based on university policy, failure of...
students to adhere to these requirements shall influence the course grade, financial assistance, and/or enrollment status. The instructor shall maintain an accurate record of each student’s attendance and participation as well as note this information in required reports and in determining final grades. Students may be excused from attendance for student participation in approved university-sponsored events. However, students are responsible for notifying their instructors in advance, when possible, for excusable absences. Students will be allowed 2 free unexcused absences all year and any absence after that, other than school sanctioned events, will result in a deduction of 4 points from the “Attendance” category. Special accommodations may be allowed if approved by the instructor.

Documentation of attendance and participation will be accomplished through the submission of assignments each class. For reporting purposes, a student who does not attend class and/or show participation will be dropped from financial aid for that course.

Make-up Opportunities

Make-up work will be allowed for missed assignments/exams due to excused absences for student participation in approved university-sponsored events with appropriate documentation. All make-up work must be completed within seven days of the absence in order to receive any credit.

Academic Accommodation for Students with Disabilities: Policy 6.1 and 6.6

To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to http://www.sfasu.edu/disabilityservices/.

Penalties for Academic Dishonesty: Policy 4.1

Abiding by university policy on academic integrity is a responsibility of all university faculty and students. Penalties may include, but are not limited to: reprimand, no credit for the assignment or exam, re-submission of the work, make-up exam, failure of the course, or expulsion from the university.

Definition of Academic Dishonesty

Academic dishonesty includes both cheating and plagiarism. Cheating includes, but is not limited to:

- Using or attempting to use unauthorized materials on any class assignment or exam;
- Falsifying or inventing of any information, including citations, on an assignment; and/or;
- Helping or attempting to help another in an act of cheating or plagiarism.

Plagiarism is presenting the words or ideas of another person as if they were one’s own. Examples of plagiarism include, but are not limited to:

- Submitting an assignment as one’s own work when it is at least partly the work of another person;
- Submitting a work that has been purchased or otherwise obtained from the Internet or another source; and/or,
- Incorporating the words or ideas of an author into one's paper or presentation without giving the author credit.

Student Appeals

A student who wishes to appeal decisions related to academic dishonesty should follow procedures outlined in Academic Appeals by Students (6.3).

Withheld Grades: Policy 5.5

At the discretion of the instructor of record and with the approval of the academic unit head, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F, except as allowed through policy [i.e., Active Military Service (6.14)]. If students register for the same course in future semesters, the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.

Student Code of Conduct: Policy 10.4

Classroom behavior should not interfere with the instructor’s ability to conduct the class or the ability of other students to learn from the instructional program (see the Student Conduct Code, policy D-34.1). Unacceptable or disruptive behavior will not be tolerated. Students who disrupt the learning environment may be asked to leave class and may be subject to judicial, academic or other penalties. This prohibition applies to all instructional forums, including electronic, classroom, labs, discussion groups, field trips, etc. The instructor shall have full discretion over what behavior is appropriate/inappropriate in the classroom. Students who do not attend class regularly or who perform poorly on class projects/exams may be referred to the iCare: Early Alert Program at SFA. Information regarding the iCare program is found at https://www.sfasu.edu/judicial/earlyalert.asp or call the office at 936-468-2703.