

PT 660J: GRADUATE PHYSICAL THERAPY SEMINAR IJ: ADV. BIOMECHANICS I

In Workflow

1. PT Committee Chair (kbaxter@csus.edu)
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Approval Path

1. Mon, 25 Feb 2019 22:26:55 GMT
William Garcia (william.garcia): Approved for PT Committee Chair
2. Tue, 12 Mar 2019 22:14:57 GMT
Michael Mckeough (mckeough): Approved for PT Chair
3. Tue, 02 Apr 2019 22:20:01 GMT
Kisun Nam (knam): Approved for HHS College Committee Chair
4. Wed, 03 Apr 2019 01:28:28 GMT
Mary Maguire (maguirem): Approved for HHS Dean
5. Wed, 08 May 2019 15:04:08 GMT
212408496: Approved for Academic Services
6. Wed, 15 May 2019 19:25:36 GMT
Katherine Chalmers (chalmers): Rollback to Initiator
7. Tue, 22 Oct 2019 22:09:06 GMT
Heide Katrin Mattern-Baxter (kbaxter): Approved for PT Committee Chair
8. Tue, 22 Oct 2019 22:13:23 GMT
Michael Mckeough (mckeough): Approved for PT Chair
9. Tue, 05 Nov 2019 23:40:16 GMT
Kisun Nam (knam): Rollback to Initiator
10. Thu, 05 Dec 2019 23:21:41 GMT
Heide Katrin Mattern-Baxter (kbaxter): Rollback to Initiator
11. Tue, 10 Dec 2019 22:39:17 GMT
Heide Katrin Mattern-Baxter (kbaxter): Rollback to Initiator
12. Thu, 12 Dec 2019 17:40:51 GMT
Heide Katrin Mattern-Baxter (kbaxter): Approved for PT Committee Chair
13. Fri, 13 Dec 2019 19:27:11 GMT
Heather Crummett (crummetth): Approved for PT Chair
14. Sun, 15 Dec 2019 06:16:15 GMT
Kisun Nam (knam): Approved for HHS College Committee Chair
15. Tue, 17 Dec 2019 02:54:27 GMT
Mary Maguire (maguirem): Approved for HHS Dean

New Course Proposal

Date Submitted: Thu, 12 Dec 2019 16:46:47 GMT

Viewing: PT 660J : Graduate Physical Therapy Seminar IJ: Adv. Biomechanics I

Last edit: Thu, 12 Dec 2019 16:46:46 GMT

Changes proposed by: Heather Crummett (210174092)

Contact(s):

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Catalog Title:

Graduate Physical Therapy Seminar IJ: Adv. Biomechanics I

Class Schedule Title:

Graduate PT Seminar IJ

Academic Group: (College)

HHS - Health & Human Services

Academic Organization: (Department)

Physical Therapy

Will this course be offered through the College of Continuing Education (CCE)?

No

Catalog Year Effective:

Spring 2020 (2020/2021 Catalog)

Subject Area: (prefix)

PT - Physical Therapy

Catalog Number: (course number)

660J

Course ID: (For administrative use only.)

TBD

Units:

2

In what term(s) will this course typically be offered?

Fall, Spring

Does this course require a room for its final exam?

Yes, final exam requires a room

Does this course replace an existing experimental course?

Yes

This course replaces the following experimental course:

PT 696J - Graduate Physical Therapy Seminar IJ Adv. Biomechanics I

This course complies with the credit hour policy:

Yes

Justification for course proposal:

I was advised by CHHS Academic Council to deactivate the 696J proposal, and resubmit a new proposal to convert 696J in to 660J. The experimental course (PT696J) was quite successful, and many students opted for this elective. Therefore, the course should be moved from an experimental course listing to a regular course catalog number (PT660J). This course is the first course, in a two semester lecture series– it is followed by PT660K.

Course Description: (Not to exceed 80 words and language should conform to catalog copy.)

This elective is designed to prepare students to run a gait analysis clinic. The course covers the topics of assessment of balance, lower extremity strength assessment, special tests, and running analysis from both the research “gold standard” as well as the clinically feasible perspective with a particular focus on running. This course satisfies one of two requirements for selected electives in the curriculum. (Fall Semester Only)

Are one or more field trips required with this course?

No

Fee Course?

No

Is this course designated as Service Learning?

No

Does this course require safety training?

No

Does this course require personal protective equipment (PPE)?

No

Course Note: (Note must be a single sentence; do not include field trip or fee course notations.)

Open to Physical Therapy majors only.

Does this course have prerequisites?

Yes

Prerequisite:

BIO 633, PT 600, PT 602, PT 608, PT 630, PT 604, PT 606, PT 614, PT 618, PT 620, PT 622, PT 632, PT 634, PT 638

Prerequisites Enforced at Registration?

Yes

Does this course have corequisites?

Yes

Corequisite:

PT 624, PT 625, PT 626, PT 636, PT 640, PT 646

Corequisites Enforced at Registration?

Yes

Graded:

Letter

Approval required for enrollment?

No Approval Required

Course Component(s) and Classification(s):

Lecture

Lecture Classification

CS#02 - Lecture/Discussion (K-factor=1 WTU per unit)

Lecture Units

2

Is this a paired course?

No

Is this course crosslisted?

No

Can this course be repeated for credit?

No

Can the course be taken for credit more than once during the same term?

No

Description of the Expected Learning Outcomes: Describe outcomes using the following format: "Students will be able to: 1), 2), etc."

Course objectives reference the overall educational goals and outcomes of the Department of Physical Therapy, including co-requisites, as is required by our accrediting body Commission in Accreditation of Physical Therapy Education. At the conclusion of this course, the student is expected to be able to:

Student Learning Outcome 1.0: Demonstrate professional physical therapist effectiveness by creating and documenting a comprehensive physical therapy patient management process, including determination of the physical therapy needs of any individual, designing a plan of care that synthesizes best available evidence and patient preferences, implementing safe and effective psychomotor interventions, and determining the efficacy of patient outcomes.

1.1 Compare and contrast normal biological, physiological, and psychological mechanisms of the human body with pathophysiological factors that lead to impaired body functions and structure.

1.2 Determine the physical therapy needs of any individual seeking services.

1.2.1 Perform an effective and efficient systems review screen.

1.2.1.1 Recognize when a client is seeking wellness services as opposed to rehabilitation services.

1.2.3 Carry out appropriate and comprehensive patient examinations including tests and measures in a safe and client-centered manner.

1.2.3.1 Establish a baseline measures of fitness and exercise capability

1.2.12 Identify and prioritize body function and structure impairments to determine specific activity limitations towards which interventions will be directed.

1.2.12.1 Recognize the client's area of greatest need when prescribing strength and conditioning exercise programs

1.2.15 Adapt delivery of physical therapy services with consideration for patients' differences, values, preferences and needs.

1.2.15.1 Evaluate the wide spectrum of general conditioning and attitudes

toward exercise in individuals.

1.3 Develop a plan of care based on the best available evidence and that considers the patient's personal and environmental factors

1.3.1 Prioritize patient/client problems taking into consideration the patient/client's needs and goals, health condition, physiological and biological mechanisms within the constraints of the environment and resources.

1.3.1.1 Understand concepts and applications of the exercise sciences

1.3.1.2 Understand appropriate testing and evaluation procedures related to strength and conditioning

1.3.1.3 Learn exercise techniques for strength and conditioning exercises commonly employed by athletes in sports

1.3.1.4 Prescribe aerobic and anaerobic exercise training programs

1.3.1.5 Understand and be able to apply exercise prescription principles

1.3.1.6 Be able to organize and administrate a strength and conditioning facility

1.6 Develop a plan of care based on the best available evidence and that considers the patient's personal and environmental factors

1.6.1 Prioritize patient/client problems taking into consideration the patient/client's needs and goals, health condition, physiological and biological mechanisms within the constraints of the environment and resources.

1.6.2 Write measurable, functional goals that are time referenced with expected outcomes in a culturally and age sensitive manner.

1.6.3 Determine a patient prognosis by predicting the level of optimal improvement in function and the amount of time required to achieve that level.

Student Learning Outcome 2.0: Demonstrate the ability to plan, organize, administer, direct, and supervise human and fiscal resources for physical therapy practice management, and to communicate effectively with patients, families, other health care professionals and the public.

2.2 Engage in education activities consistent with imparting information and knowledge unique to the expertise of physical therapists to individuals or groups using relevant and effective teaching methods.

2.2.1 Promote health behaviors through educational interventions and modeling.

2.2.2 Apply basic educational concepts of teaching to the practice of physical therapy.

2.2.4 Present topics/issues using current evidence and sound teaching principles (i.e. case studies, in-service, journal article review, etc.).

Student Learning Outcome 3.0: Demonstrate professional behaviors by reflecting on personal and professional development, and by integrating cultural, ethnic, age, economic, and psychosocial considerations in the communication and delivery of clinical services.

3.1 Recognize cultural, ethnic, age, economic, and psychosocial differences and apply a humanistic and holistic approach to the delivery of a clinical service.

3.1.3 Respect personal space of patients/clients and others.

3.1.4 Demonstrate behaviors that are non-judgmental with regards to patients/clients' lifestyles.

3.1.5 Respect roles of support staff and delegate appropriately.

3.2 Communicate effectively for varied audiences and purposes.

3.2.1 Demonstrate effective interpersonal (verbal, nonverbal, electronic) communication skills considering the diversity of populations and environments.

3.2.4 Appropriately utilize communication technology efficiently, professionally, and effectively.

3.2.5 Respect roles of support staff and communicate appropriately.

3.3 Participate in professional activities that serve the community and advance the profession of physical therapy.

3.3.1 Participate in community service activities.

3.3.2 Recognize the importance of participation in professional association activities.

3.4 Recognize the need for personal and professional development.

3.4.1 Participate in self-assessment to improve clinical and professional performance.

3.4.2 Welcome and seek new learning opportunities.

3.4.3 Assume responsibility for professional lifelong learning.

3.4.4 Accept responsibility and demonstrate accountability for professional decisions.

- 3.5 Demonstrate entry level generic abilities, including:
- 3.5.1 Professional accountability and commitment to learning.
 - 3.5.2 Recognition of one's own limitations.
 - 3.5.4 Effective use of time and resources.
 - 3.5.5 Demonstrate integrity, compassion, and courage in all interactions.

Attach a list of the required/recommended course readings and activities:

DPT-SLO_Letter.pdf
PT 660J Syllabus DPT February 2020_121219.docx

Assessment Strategies: A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above.

Grades will be awarded on the following:

Attendance and Participation 40% of grade (ELOs 1.0, 2.0 & 3.0)

Presentation During Journal Club (3 20% each) 60% of grade (ELOs 1.0, 2.0 & 3.0)

≥93.0% = A; 93.0% > A- ≥ 90.0%; 90.0% > B+ ≥ 87.0%; 87.0% > B ≥ 83.0%; 83.0% > B- ≥ 80.0%; 80.0% > C+ ≥ 77.0%; 77.0% > C ≥ 73.0%; 73.0% > C- ≥ 70.0%; 70.0% > D ≥ 60.0%; <60.0% = F

For whom is this course being developed?

Majors in the Dept

Is this course required in a degree program (major, minor, graduate degree, certificate?)

No

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer)?

No

Will there be any departments affected by this proposed course?

No

I/we as the author(s) of this course proposal agree to provide a new or updated accessibility checklist to the Dean's office prior to the semester when this course is taught utilizing the changes proposed here.

I/we agree

Attach Accessibility Checklist: (Optional at submission. Fulfills requirement to file with Dean's office.)

Course-Accessibility-Checklist_102318-1.pdf

University Learning Goals

Doctorate Learning Goal(s):

Critical thinking/analysis
Communication
Information literacy
Disciplinary knowledge
Intercultural/Global perspectives
Professionalism
Research

Is this course required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?

No

Reviewer Comments:

Janett Torset (torsetj) (Wed, 06 Mar 2019 00:31:13 GMT):Added appropriate Catalog Number (660J) at the request of the author.
212408496 (Wed, 08 May 2019 15:03:38 GMT):Fall 2019 CMS Entry deadline has passed. Effective term changed to next available, Spring 2020.

Katherine Chalmers (chalmers) (Wed, 15 May 2019 19:25:36 GMT):Rollback: Your assessment strategies were not tied to your expected learning outcomes. This can be done quite easily by numbering the ELOs and including them in parentheses after the relevant assessment strategy. The number of course objectives is quite daunting and the subcommittee wondered how all of this could be achieved in a 3 unit course? Is this ELO list realistic? Perhaps it might benefit from revision for clarity? As you revise your ELOs, please make sure that they are measurable

Kisun Nam (knam) (Tue, 05 Nov 2019 23:40:16 GMT):Rollback: Committee approved the form with pending changes. Please refer to the discussion during meeting. Committee members from the department will provide the detailed changes to the chair/author. Once re-submitted, the chair may approve the proposal immediately

Heide Katrin Mattern-Baxter (kbaxter) (Thu, 05 Dec 2019 23:21:41 GMT):Rollback: as discussed

Heide Katrin Mattern-Baxter (kbaxter) (Tue, 10 Dec 2019 22:39:17 GMT):Rollback: Please attach the most recent version of the course syllabus from Toran. I will send it to you via email also. Thanks.

Key: 13954