1. **Course Title, Credit Hours, Semester:** PHTH 791X, Seminar X, 1 credit

2. **Course Instructor:** Physical Therapy Faculty

3. **Prerequisites:** Students must be enrolled in the Physical Therapy Program at the University of Utah.

4. **Course Description:** This course provides students with an opportunity to apply the principles presented in PHTH 6090. Students will lead a seminar of at least 30 minutes in the area of 1) musculoskeletal physical therapy, 2) cardiopulmonary physical therapy (including wellness/prevention), 3) neuromuscular physical therapy or chronic diseases, or 4) lifespan changes or integumentary physical therapy. Over the course of four seminar courses, students will lead a seminar in at least two different areas.

5. **Course Objectives:**
   Upon successful completion of this course students should be able to:
   a) Discuss the methods and results of a research article related to physical therapy.
   b) Discuss how the methods and results of a research article relate to examination, evaluation, diagnosis, prognosis and/or intervention for a physical therapy client with pathology.
   c) Plan an examination, evaluation, diagnosis, prognosis and/or intervention for a physical therapy client with pathology based on the methods and results of a single research article.
   d) Plan an examination, evaluation, diagnosis, prognosis and/or intervention for a physical therapy client pathology based on the methods and results of multiple research articles.

6. **Course Concepts:**
   a) Evidence-guided practice is a critical component of physical therapy practice.
   b) Understanding and applying evidence-guided practice principles is a mandatory skill for professional physical therapy clinicians.

7. **Required Textbooks:**
   None, approximately 7-10 readings (primarily journal articles) will be determined prior to, or on, the first day of class.

8. **Learning Methods:**
   Reading
   Discussion
   Leading a seminar

9. **Performance Expectations:**
   a) Reading assignments: Students are expected to read the assigned readings prior to our class meetings. Please bring the required articles to class and come prepared to be an active participant.
   b) Class attendance and participation: Students are expected to attend class. If a student anticipates he/she will be unable to attend class, he/she is responsible for making up material that is missed. Also, if you know you will miss class prior to our meeting please let the instructor know. Students are expected to be active participants during each class period. Please arrive to class on time.
   c) Seminar presentation: Students are expected to lead one seminar of at least 30 minutes in the area of physical therapy. They are to present the methods and results of a research article in detail and present the background and discussion of a research article as
appropriate for the seminar discussion. They are to discuss how the methods and results of the article they are presenting relates to examination, evaluation, diagnosis, prognosis and/or intervention for physical therapy clients with pathology. Then they should plan an examination, evaluation, diagnosis, prognosis and/or intervention for a physical therapy client with pathology based on the methods and results of their single research article and for multiple research articles.

d) Seminar presentation preparation: Students are to give each seminar participant a copy of the article they are presenting one week before seminar. Students must prepare a one-page handout for the article they present. This handout is to be given to all seminar participants prior to the presentation. The handout should address the following points:
1) method (in depth)
2) results (in depth, use tables and graphs)
3) a discussion of the possible underlying mechanisms “causing” the results
4) how the methods and results of the article they are presenting relates to examination, evaluation, diagnosis, prognosis and/or intervention for physical therapy clients with pathology
5) a discussion of how clinically meaningful the results are
6) an examination, evaluation, diagnosis, prognosis and/or intervention for a physical therapy client with pathology based on the methods and results of their single research article
7) how the examination, evaluation, diagnosis, prognosis and/or intervention would be altered based on the methods and results of multiple research articles
8) a discussion of what I should do with this article (keep on desk, file away, trash)

10. Course Outline:
To be determined by individual faculty members.

11. Grading Policy:
Seminar Presentation 75%
Class Participation 25%
This course is graded pass/fail.

12. Office Hours:
To be determined by individual faculty members.
Office Telephone Number: TBA
E-mail: TBA

13. American Disabilities Act Information
The University of Utah Division of Physical Therapy seeks to provide equal access to its programs, services, and activities for people with disabilities. Reasonable prior notice is needed to arrange accommodations. This information is available in alternative format with prior notification.

14. The Code of Student Rights and Responsibilities
The code specifies student rights as well as conduct involving cheating, plagiarism, collusion, fraud, theft, etc. See http://www.saff.utah.edu/orient/code.htm for details.