

SEPTEMBER
22, 2016
BOARD MEETING

DCA Lake Tahoe Conference Room
2005 Evergreen Street
Sacramento, CA 95815



Physical Therapy Board of California

THE PHYSICAL THERAPY BOARD OF CALIFORNIA

2005 Evergreen St. Suite 1350, Sacramento, California 95815

Phone: (916) 561-8200 Fax: (916) 263-2560

www.ptbc.ca.gov

PHYSICAL THERAPY BOARD OF CALIFORNIA NOTICE OF PUBLIC MEETING

September 22, 2016 9:00 a.m.

DCA Lake Tahoe Conference Room
2005 Evergreen Street
Sacramento, CA 95815

Action may be taken on any agenda item.
Agenda items may be taken out of order.

Unless otherwise indicated, all agenda items
will be held in **OPEN SESSION**. **THE PUBLIC
IS ENCOURAGED TO ATTEND**. Please refer
to the informational notes at the end of
the agenda.

BOARD MEMBERS

Katarina Eleby, M.A., *President*

Alicia K. Rabena-Amen, PT, MPT, *Vice President*

Debra Alviso, PT, DPT, *Member*

Jesus Dominguez, PT, Ph.D., *Member*

Daniel Drummer, PT, DPT, *Member*

TJ Watkins, *Member*

Tonia McMillian, *Member*

BOARD STAFF

Jason Kaiser, *Executive Officer*

Liz Constancio, *Manager*

Elsa Ybarra, *Manager*

Brooke Arneson, *Associate Analyst*



Physical Therapy Board of California



STATE OF CALIFORNIA

dca

DEPARTMENT OF CONSUMER AFFAIRS

Agenda

1. **Call to Order - 9:00 a.m.**
2. **Roll Call and Establishment of Quorum**
3. **Discussion and Possible Board Action Regarding Sunset Review Sub-Committee's Recommendation on Issues to be Identified on the Sunset Review Report Pursuant to Business and Professions Code (BPC) Section 2602 – Jason Kaiser**
 - (A) BPC Section 2688, raising statutory caps for fees
 - (B) BPC Section 2648.7, clarifying revisions to retired license status
 - (C) BPC Section 2653, addressing Coursework Tool 6 conflict
 - (D) BPC Section 2620.5, specialty certification in Clinical Electrophysiology
 - (E) BPC Section 2636, modification of the California Law Exam
 - (F) BPC Section 2689, technical corrections to a cross-reference
4. **Public Comment on Items Not on the Agenda**

Please note that the Board may not discuss or take action on any matter raised during this public comment section that is not included on this agenda, except to decide whether to place the matter on the agenda of a future meeting. [Government Code sections 11125 and 11125.7(a).]
5. **Agenda Items for Future Meeting – October 25, 2016**

DCA Hearing Room
2005 Evergreen Street
Sacramento, CA 95815
6. **Adjournment**

Informational Notes:

Times stated are approximate and subject to change. Agenda order is tentative and subject to change at the discretion of the Board; agenda items may be taken out of order. In accordance with the Bagley-Keene Open Meeting Act, all meetings of the Board are open to the public. Agenda discussions and report items are subject to action being taken on them during the meeting by the Board at its discretion. The Board provides the public the opportunity at the meetings to address each agenda item during the Board's discussion or consideration of the item. Total time allocated for public comment on particular issues may be limited.

**Government Code section 11125.7 provides the opportunity for the public to address each agenda item during discussion or consideration by the Board prior to the Board taking any action on said item. Members of the public will be provided appropriate opportunities to comment on any issue before the Board, but the Board President may, at her discretion, apportion available time among those who wish to speak. Individuals may appear before the Board to discuss items not on the agenda; however, the Board can neither discuss nor take official action on any matter not included in this agenda, except to decide to place the matter on the agenda of a future meeting. (Government Code sections 11125, 11125.7(a)).*

The meeting is accessible to the physically disabled. A person who needs disability-related accommodation or modification in order to participate in the meeting may make a request by contacting Brooke Arneson at (916) 561-8260, e-mail: brooke.arneson@dca.ca.gov, or send a written request to the Physical Therapy Board of California, 2005 Evergreen Street, Suite 1350, Sacramento, CA 95815. Providing your request at least five (5) business days before the meeting will help to ensure availability of the requested accommodations. TDD Line: (916) 322-1700.

Roll Call

**DCA Lake Tahoe Room
Sacramento, CA**

September 22, 2016

	Present	Absent
Katarina Eleby, President		
Alicia Rabena Amen, PT, MPT, Vice-President		
Debra Alviso, PT, DPT		
Jesus Dominguez, PT, Ph.D.		
Daniel Drummer, PT, DPT		
Tonia McMillian		
TJ Watkins		



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Briefing Paper

Date: 9/19/16

Prepared for: PTBC Members

Prepared by: Jason Kaiser

Subject: Sunset Sub-Committee's Recommendation to be identified on the Sunset Review Report Pursuant to Business and Professions Code (BPC) Section 2602

Purpose:

To update the Physical Therapy Board of California's (Board) Board Members on Sunset Committee's Recommendation to be identified on the Sunset Review Report Pursuant to Business and Professions Code (BPC) Section 2602

Background:

At the August 2016 meeting, the Board appointed a Sub-Committee to research issues to be identified in the PTBC's Sunset Review Report to the Senate Committee on Business, Professions and Economic Development and the Assembly Committee on Business and Professions, and to make recommendations for each issue to be reported to the full Board at the September 22, 2016 meeting. The Sunset Sub-Committee met on September 12th, 13th & 19th of 2016.

Analysis:

Please find the Sunset Sub-Committee's recommendations; Agenda Items 3 (A) through 3(F) along with supporting attachments.

Action Requested: None



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Briefing Paper

Date: 9/18/16

Prepared for: PTBC Members

Prepared by: Liz Constancio

Subject: Sunset Committee's Recommendation on BPC Section 2688, raising statutory caps for fees.

Purpose:

To update the Physical Therapy Board of California's (Board) Board Members on the Sunset Committee's Recommendation on BPC Section 2688, raising statutory caps for fees.

Attachments: 1. [Fund Condition \(DCA-Budget Office\)](#)

Background:

The PTBC's current application and licensing fees are set at the statutory caps; therefore, should the PTBC require the need to increase its fees to sustain ongoing operational costs, the PTBC will not have the statutory authority to do so.

In an effort to avoid an operational deficiency within the next 5 years or prior to PTBC's next Sunset Review (BY 2022/23), the PTBC suggest amending Business and Professions Code §2688 to an appropriate amount that would sustain the ongoing operations of the PTBC. It should be noted, should this action be approved through the Sunset Review process, the outcome will increase the licensing fee caps *only*. Should the PTBC require the need to increase its licensing fees to sustain ongoing operations, the PTBC would require a regulatory change through the rulemaking process, which includes various approvals, including board members.

Committee Recommendation:

The Sunset Committee recommends addressing this issue during the Board's Sunset process.

0759 - Physical Therapy Analysis of Fund Condition

9/19/2016

(Dollars in Thousands)

2016 Budget Act

	Actual 2015-16	Budget Act CY 2016-17	BY 2017-18	BY+1 2018-19	BY+2 2019-20	BY+3 2020-21
BEGINNING BALANCE	\$ 303	\$ 1,453	\$ 1,859	\$ 2,180	\$ 2,396	\$ 2,504
Prior Year Adjustment	\$ 1	\$ -	\$ -	\$ -	\$ -	\$ -
Adjusted Beginning Balance	\$ 304	\$ 1,453	\$ 1,859	\$ 2,180	\$ 2,396	\$ 2,504
REVENUES AND TRANSFERS						
Revenues:						
125600 Other regulatory fees	\$ 140	\$ 109	\$ 109	\$ 109	\$ 109	\$ 109
125700 Other regulatory licenses and permits	\$ 561	\$ 1,096	\$ 1,096	\$ 1,096	\$ 1,096	\$ 1,096
125800 Renewal fees	\$ 2,932	\$ 4,386	\$ 4,386	\$ 4,386	\$ 4,386	\$ 4,386
125900 Delinquent fees	\$ 20	\$ 30	\$ 30	\$ 30	\$ 30	\$ 30
141200 Sales of documents	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
142500 Miscellaneous services to the public	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
150300 Income from surplus money investments	\$ 32	\$ 8	\$ 22	\$ 24	\$ 25	\$ 25
160400 Sale of fixed assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
161000 Escheat of unclaimed checks and warrants	\$ 4	\$ 4	\$ 4	\$ 4	\$ 4	\$ 4
161400 Miscellaneous revenues	\$ 2	\$ 2	\$ 2	\$ 2	\$ 2	\$ 2
Totals, Revenues	\$ 3,691	\$ 5,635	\$ 5,649	\$ 5,651	\$ 5,652	\$ 5,652
Transfers from Other Funds						
GF Loan per item 1110-011-0759 BA of 2011 (repay)	\$ 1,500	\$ -	\$ -	\$ -	\$ -	\$ -
Totals, Revenues and Transfers	\$ 5,191	\$ 5,635	\$ 5,649	\$ 5,651	\$ 5,652	\$ 5,652
Totals, Resources	\$ 5,495	\$ 7,088	\$ 7,508	\$ 7,831	\$ 8,048	\$ 8,156
EXPENDITURES						
Disbursements:						
0840 State Controller (State Operations)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1110 Program Expenditures (State Operations)	\$ 4,035	\$ -	\$ -	\$ -	\$ -	\$ -
1111 Program Expenditures (State Operations)	\$ -	\$ 5,224	\$ 5,328	\$ 5,435	\$ 5,544	\$ 5,655
8880 Financial Information System for California (State Operations)	\$ 7	\$ 5	\$ -	\$ -	\$ -	\$ -
Total Disbursements	\$ 4,042	\$ 5,229	\$ 5,328	\$ 5,435	\$ 5,544	\$ 5,655
FUND BALANCE						
Reserve for economic uncertainties	\$ 1,453	\$ 1,859	\$ 2,180	\$ 2,396	\$ 2,504	\$ 2,501
Months in Reserve	3.3	4.2	4.8	5.2	5.3	5.2

NOTES:

- A. ASSUMES WORKLOAD AND REVENUE PROJECTIONS ARE REALIZED IN BY+1 AND ONGOING
- B. ASSUMES APPROPRIATION GROWTH OF 2% PER YEAR BEGINNING IN BY+2
- C. ASSUMES 1% GROWTH IN INCOME FROM SURPLUS MONEY



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Briefing Paper

Date: 9/18/16

Prepared for: PTBC Members

Prepared by: Brooke Arneson

Subject: Sunset Committee's Recommendation on BPC Section 2648.7, clarifying revisions to retired license status

Purpose:

To update the Physical Therapy Board of California's (Board) Board Members

- Attachments:
- 1) [BPC §2648.7](#)
 - 2) [Proposed Revisions to BPC §2648.7](#)
 - 3) [Text of AB 2859\(2016\)](#)
 - 3) [Proposed Language to Adopt Section 1399.56 in Article 10, Division 13.2, Title 16 of the California Code of Regulations](#)

Background:

SB 198 gave the Board authority to exempt renewal fees for those entering into Retired License Status; however, it did not authorize an administrative fee for processing.

Analysis:

The Sunset Review Committee identified three options to address the Board's authority for a retired license status.

Option 1: Repeal BPC §2648.7

Pro: Allows the Board to utilize the language in AB 2859 (2016), which establishes in the general provision of the Business & Professions Code authority to issue Retired License for all DCA Boards.

Con: Removes the only authority that the Board has currently. Requires promulgation of regulation.

Option 2: Amend Section 2648.7 incorporating language from AB 2859(2016).
Pro: Accomplish as part of the Board's Sunset Process with no regulation
Con: There is a risk that it may not be completed through Sunset.

Option 3: Continue using the authority in BPC §2648.7
Pro: Continue to promulgate regulation as previously planned.
Con: It is questionable if there is a conflict with the general provision and our existing authority, or if the two can used simultaneously.

Committee Recommendation:

The Sunset Committee is unresolved and requires further discussion by the Board.

State of California

BUSINESS AND PROFESSIONS CODE

Section 2648.7

2648.7. A licensee is exempt from the payment of the renewal fee and from meeting the requirements set forth in Section 2649 if he or she has applied to the board for retired license status. A holder of a license in retired status pursuant to this section shall not engage in the practice of, or assist in the provision of, physical therapy unless the licensee applies for renewal and meets all of the requirements as set forth in Section 2644.

(Added by Stats. 2013, Ch. 389, Sec. 41. (SB 198) Effective January 1, 2014.)

Proposed Revisions to Business and Professions Code section 2648.7

2648.7

- (a) The board may establish a retired license under which Aa licensee is exempt from the payment of the renewal fee and from meeting the requirements set forth in Section 2649 if he or she ~~has applied to the board for retired license status~~ meets the following criteria: -
- (1) Holds an active or inactive license that is not suspended, revoked, or restricted by the board or the subject of disciplinary action. [Prop. Regulation (a); AB 2859(a)(1)]
 - (2) Submits an application to the board for retired license status. [Prop. Regulation (c)]
 - (3) Discloses under penalty of perjury whether the licensee has any misdemeanor or other criminal offense for which he or she has been found guilty or to which he or she has pleaded guilty or no contest. [Prop. Regulation (d) modified per AB 2849.]
- (b) The board shall establish an appropriate application fee for a retired license to cover the reasonable cost of issuing a retired license. [Per AB 2859(b)(4)]
- (c) A license shall be considered retired upon approval of the request. [Prop. Regulation (e)]
- (d) The holder of a license in retired status shall comply with the Physical Therapy Practice Act, and is exempt from Business and Professions Code Sections 2644, 2649 and 2688. [Prop. Regulation (g)]
- (e) The board may upon its own determination, and shall upon receipt of a complaint from any person, investigate the actions of any licensee, including a person with a license that either restricts or prohibits the practice of physical therapy by that person, including, but not limited to, a license that is retired, inactive, canceled, revoked, or suspended. [AB 2859(c)]
- (f) A holder of a license in retired status pursuant to this section shall not engage in the practice of, or assist in the provision of, physical therapy ~~unless the licensee,~~
- (g) In order to request restoration of a license from retired status to active status, the licensee shall:
- (1) ~~applies for renewal~~ Submit to the board a written request to restore the license to active status and meets all of the requirements as set forth in Section 2644. ~~(Existing law; Prop. Regulation (h)(1))~~
 - (2) Pay the renewal fee. [Prop. Regulation (h)(2).]
 - (3) Certify, in a manner satisfactory to the board, that he or she has not committed an act or crime constituting grounds for denial of licensure. [AB 2859 (b)(5)9B]
 - (4) Comply with fingerprint submission requirements established by regulation. [AB 2859(b)(5)(C)]
 - (5) Satisfy continuing competency requirements pursuant to section 2649 of the Code.[Prop. Regulation (h)(3); AB 2859(b)(5)(D)]
 - (6) Complete any other requirements as specified by the board by regulation. [AB 2859(b)(5)(E)]
- (h) A person who fails to restore his or her retired license within five years of the approval of retired status is no longer eligible to restore it and the license shall be cancelled. The person may apply for a new license if he or she satisfies the requirements set forth in Article 3, of the Physical Therapy Practice Act. [Prop. Regulation (i)]
- (i) A licensee may be granted retired status on no more than two occasions. [Prop. Regulation (j)]
- (j) Failure to comply with this section constitutes unprofessional conduct. [Prop. Regulation (k)]

Text of AB 2859 (2016)

Section 464 is added to the Business and Professions Code, to read:

464.

(a) Any of the boards within the department may establish, by regulation, a system for a retired category of licensure for persons who are not actively engaged in the practice of their profession or vocation.

(b) The regulation shall contain the following:

(1) A retired license shall be issued to a person with either an active license or an inactive license that was not placed on inactive status for disciplinary reasons.

(2) The holder of a retired license issued pursuant to this section shall not engage in any activity for which a license is required, unless the board, by regulation, specifies the criteria for a retired licensee to practice his or her profession or vocation.

(3) The holder of a retired license shall not be required to renew that license.

(4) The board shall establish an appropriate application fee for a retired license to cover the reasonable regulatory cost of issuing a retired license.

(5) In order for the holder of a retired license issued pursuant to this section to restore his or her license to an active status, the holder of that license shall meet all the following:

(A) Pay a fee established by statute or regulation.

(B) Certify, in a manner satisfactory to the board, that he or she has not committed an act or crime constituting grounds for denial of licensure.

(C) Comply with the fingerprint submission requirements established by regulation.

(D) If the board requires completion of continuing education for renewal of an active license, complete continuing education equivalent to that required for renewal of an active license, unless a different requirement is specified by the board.

(E) Complete any other requirements as specified by the board by regulation.

(c) A board may upon its own determination, and shall upon receipt of a complaint from any person, investigate the actions of any licensee, including a person with a license that either restricts or prohibits the practice of that person in his or her profession or vocation, including, but not limited to, a license that is retired, inactive, canceled, revoked, or suspended.

(d) Subdivisions (a) and (b) shall not apply to a board that has other statutory authority to establish a retired license.

Physical Therapy Board of California

PROPOSED LANGUAGE

Adopt Section 1399.56 in Article 10, Division 13.2, Title 16 of the California Code of Regulations to read as follows:

(a) A physical therapist or physical therapist assistant who holds a current and valid license, and whose license is not suspended, revoked, restricted by the board or the subject of disciplinary action, may request retired status.

(b) A licensee shall be ineligible for retired license status if the license is suspended, placed on probation, revoked, or is otherwise the subject of disciplinary action.

(c) The request shall be on a form prescribed by the board titled "Request for Retired License Status (RS-112015)"

(d) The licensee shall disclose under penalty of perjury whether the licensee has any misdemeanor or other criminal offense for which he or she has been found guilty or to which he or she has pleaded guilty or no contest.

(e) A license shall be considered retired upon approval of the request.

(f) A licensee in retired status shall not engage in any activity for which a current and valid license is required.

(g) A licensee in retired status shall comply with the Physical Therapy Practice Act, and is exempt from Business and Professions Code Sections 2644, 2649 and 2688.

(h) In order to request restoration of a license from retired status to active status, the licensee shall:

(1) Complete a form prescribed by the board titled "Request to Restore License to Active Status (AS-112015)".

(2) Shall disclose under penalty of perjury submit true certified copies of all court records and documentation.

(3) Pay the renewal fee.

(4) Satisfy continuing competency requirements pursuant to section 2649 of the Code.

(i) A person who fails to restore his or her retired license within five years of the approval of retired status is no longer eligible to restore it and the license shall be cancelled. The person may apply for a new license if he or she satisfies the requirements set forth in Article 3, of the Physical Therapy Practice Act.

(j) A licensee may be granted retired status on no more than two occasions.

(k) Failure to comply with this section constitutes unprofessional conduct.



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Briefing Paper

Date: 9/18/16

Prepared for: PTBC Members

Prepared by: Brooke Arneson

Subject: Sunset Committee's Recommendation on BPC Section 2653, addressing Coursework Tool 6 conflict

Purpose:

To update the Physical Therapy Board of California's (Board) Board Members

Attachments: 1) [CWT 1-6](#)
2) [BPC §2653](#)

Background:

The Coursework Tools for Foreign Educated Physical Therapists (CWT) were developed by the Federation of State Boards of Physical Therapy (FSBPT) in response to the needs of its member jurisdictions for a standardized method to evaluate the educational equivalence of foreign educated physical therapists. Prior to CWT 6 which is based upon the Commission on Accreditation of Physical Therapy Education (CAPTE) Evaluative Criteria for PT Programs August 2014, applicants were evaluated on CWT 1-5 (retro tools). It was adopted by the FSBPT board of directors to use CWT 6 beginning January 1, 2017.

Analysis:

With the FSBPT board of directors adopting the use of CWT 6 beginning January 1, 2017 it is in direct conflict with BPC §2653(a). BPC §2653(a) states; in part, "Furnish documentary evidence satisfactory to the board, that he or she has completed a professional degree in a physical therapist educational program substantially equivalent at the time of his or her graduation..." Therefore, unless the Board seeks to amend §2653(a), the Board has no authority to require an evaluation based on CAPTE's 2014 accreditation criteria.

Committee Recommendation: Not to pursue as an issue in the Boards Sunset Report.

Agenda Item # 3 (C)



FSBPT Coursework Tool For Foreign Educated Physical Therapists Who Graduated before 1978

CWT 1

Federation of State Boards of Physical Therapy
124 West Street South Third Floor Alexandria, VA 22314
Telephone: 703.299.3100 Fax: 703.299.3110
Copyright © 2004 FSBPT

**COURSEWORK TOOL 1
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INTRODUCTION

The Coursework Tools for Foreign Educated Physical Therapists (CWT) were developed by the Federation of State Boards of Physical Therapy (FSBPT) in response to the needs of its member jurisdictions for a standardized method to evaluate the educational equivalence of foreign educated physical therapists. Each CWT reflects the minimum general and professional educational requirements for substantial equivalence at the time of graduation with respect to a US first professional degree in physical therapy. Adoption of the tools would allow the same mobility of foreign educated physical therapists as that afforded to US educated graduates. Coursework Tools should not be interpreted as the sole determinant of an individual's educational preparation or competence to practice. CWT 1 is based upon the 1955 educational criteria established by the American Medical Association.

The CWT that reflects current standards may be used to determine qualifications for prescreening certification for the United States Citizenship and Immigration Services (USCIS). They are also designed to be used by credentialing organizations and education programs. In addition, the CWTs may be used as a self-evaluation method to guide foreign educated physical therapists in comparing their education to US standards.

OVERVIEW

Summary

The applicant must meet the requirement of not less than 105 semester credit hours. The 105 semester credits do not meet the minimal requirement of a BS degree, thus electives could be included to meet the minimum of 120 credit hours and the baccalaureate degree. The minimum coursework requirements, in and of themselves, do not necessarily satisfy the requirements of the baccalaureate degree. The applicant must have completed sufficient credit to satisfy the requirement for a baccalaureate degree. The applicant must also meet any jurisdiction-specific requirements.

General Education

General education in the areas of humanities, physical science, biological science, social science, behavioral science, and mathematics, must be identified. A minimum of a one-semester course must be successfully completed in each area of general education unless otherwise noted.

Note: Some jurisdictions may require a specific number of semester credits. The applicant must meet the specific requirements in the jurisdiction where they are seeking licensure.

1. Humanities

- | | |
|--|---------------|
| a. English | e. Literature |
| b. English composition | f. Art |
| c. Speech or oral communication | g. Music |
| d. Foreign language (other than native language) | |

2. Physical Science

- a. Chemistry with laboratory (recommended)
- b. Physics with laboratory (recommended)
- c. Geology
- d. Astronomy

3. Biological Science

- | | |
|-----------------------------|-----------------|
| a. Biology | e. Kinesiology |
| b. Anatomy (recommended) | f. Neuroscience |
| c. Physiology (recommended) | g. Genetics |
| d. Zoology | |

4. Social Science

- | | |
|--------------|----------------------|
| a. History | d. Economics |
| b. Geography | e. Political science |
| c. Sociology | f. Religion |

5. Behavioral Science

- | | |
|-----------------------------|---------------|
| a. Psychology (recommended) | c. Philosophy |
| b. Anthropology | d. Ethics |

6. Mathematics

No Requirement or Recommendation

Professional Education

Forty-five semester credits shall be the minimum required in professional education, reflecting no less than 12 months of study.

1. Basic Health Science

Content area is required in each topic listed (a through d) under basic health sciences.

- a. Human anatomy: may have been taken pre-PT (specific to physical therapy)
- b. Human physiology: may have been taken pre-PT (specific to physical therapy)
- c. Kinesiology or functional anatomy
- d. Pathology

2. Medical and Clinical Science

To prepare a competent physical therapist practitioner, the education must incorporate the essential elements of Examination and Intervention. Therefore, educational coursework must contain all of the following:

- a. Clinical medicine pertinent to physical therapy. This must include but not be limited to:
 1. General Medical Surgical Conditions
- b. Physical therapist coursework must include but not be limited to:
 1. Musculoskeletal System
 2. Neuromuscular System
 - a. Examination
 - a. Examination
 3. Tests & Measures
 - a. Shall include Exam and Eval
- c. Physical therapist coursework must include but is not limited to:
 1. Musculoskeletal Interventions
 2. Neuromuscular Interventions
 3. Physical Agents/Electrotherapy

3. Clinical Education

Clinical education must include physical therapist-supervised application of physical therapy. The applicant must have a minimum of 600 hours total, which are completed in multiple sites and supervised by a physical therapist. The maximum number of full time clinical education credits is 15.

4. Related Professional Coursework

- a. Administration
- b. Psychosocial aspects in physical therapy practice
- c. Community health
- d. Legal and ethical aspects of physical therapy practice
- e. Medical terminology
- f. Communication (related to client/patient care)

EVALUATION CHECKLIST

Name:	Date:
School:	Country:
Degree:	
Reviewing Organization:	
Reviewer(s):	
Signature of Issuing Organization's Authorized Representative:	
Print Name and Title:	

Note for Reviewing Organizations: Please affix official organization seal to each page of the Evaluation Checklist for authentication purposes.

General Education

A. HUMANITIES: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. English*		
2. English Composition*		
3. Speech or Oral Communication		
4. Foreign Language (other than native language)		
5. Literature		
6. Art		
7. Music		
8. Native Language		

*For rows 1 & 2, if no credit in English or English composition is provided, the licensing jurisdiction should require the applicant to demonstrate English proficiency.

B. PHYSICAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Chemistry with laboratory (Course I)*		
2. Physics with laboratory (Course I)*		
3. Geology		
4. Astronomy		

*Recommended

C. BIOLOGICAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Biology		
2. Anatomy *		
3. Physiology *		
4. Zoology		
5. Kinesiology		
6. Neuroscience		
7. Genetics		

* Could be completed as Professional Education

D. SOCIAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. History		
2. Geography		
3. Sociology		
4. Economics		
5. Religion		
6. Political Science		

E. BEHAVIORAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Psychology*		
2. Anthropology		
3. Philosophy		
4. Ethics		
5.		
6.		

* Could be completed as Professional Education

F. MATHEMATICS: Not required	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Statistics		
2. Algebra		
3. Pre-Calculus		
4. Calculus		
5. Trigonometry		
6. Geometry		

SUB-TOTAL GENERAL EDUCATION CREDITS: _____

Professional Education

A minimum of 45 semester credits is required in this area.

A. BASIC HEALTH SCIENCE: Must include but not limited to areas 1 – 4.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Human Anatomy (Specific to physical therapy)			
2. Human Physiology (Specific to physical therapy)			
3. Kinesiology or Functional Anatomy			
4. Pathology			

B. MEDICAL SCIENCE: Clinical medicine pertinent to physical therapy.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. General Medical Surgical Conditions			
2.			
3.			

C. CLINICAL SCIENCE: Examination & Evaluation (Tests & Measures) Must include but is not limited to 1a – 3b.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Musculoskeletal System			
a. Examination			
2. Neuromuscular System			
a. Examination			
3. Tests & Measures			
a. Examination			
b. Evaluation			
4.			

Note: Within the credit hours assigned in Clinical Science: Examination & Evaluation above, indicate on the Examination and Evaluation Content Area Summary below, content for which you found evidence for items 1 - 9.

Examination and Evaluation Content Area Summary

Must include, but are not limited to the following:	Present = √ Absent = ∅	Transcript Reference
1. Anthropometric characteristics		
2. Assistive and adaptive devices		
3. Gait, assisted locomotion, and balance		
4. Muscle performance (including strength, power, and endurance)		
5. Orthotic, protective and supportive devices		
6. Pain		
7. Prosthetic requirements		
8. Range of motion		
9. Self-care and home management (including activities of daily living and instrumental activities of daily living)		

D. CLINICAL SCIENCE: Interventions Must include but is not limited to 1 – 3.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Musculoskeletal Interventions			
2. Neuromuscular Interventions			
3. Physical Agents/Electrotherapy			
4.			
5.			

Note: Within the credit hours assigned in Clinical Science: Interventions above, indicate on the Intervention Content Area Summary below, content for which you found evidence for items 1-4.

Intervention Content Area Summary

Must include, but are not limited to, the following:	Present = √ Absent = ∅	Transcript Reference
1. Electrotherapeutic modalities		
2. Physical agents and mechanical modalities		
3. Prescription, application, and as appropriate, fabrication of assistive, adaptive, orthotic, protective, supportive, and prosthetic devices and equipment		
4. Therapeutic exercise (including aerobic conditioning)		

E. CLINICAL EDUCATION	CREDIT HOURS*	TRANSCRIPT REFERENCE	COMMENTS
Two Clinical Internships, total 600 hours			

Note: Clinical education must include physical therapist-supervised application of physical therapy theory. The applicant must have a minimum of two time clinical experiences of no less than 600 hours total that are supervised by a physical therapist.

*Maximum number of full-time clinical education credits is 15.

F. RELATED PROFESSIONAL COURSEWORK: Must include but not limited to areas 1 – 6.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Professional Behaviors			
2. Administration			
3. Community Health			
4. Communication (related to client/patient care)			
5. Legal and Ethical Aspects of Physical Therapy practice			
6. Psychosocial Aspects in Physical Therapy Practice			

SUB-TOTAL PROFESSIONAL EDUCATION CREDITS: _____
(45 minimum)

Academic Institution

Describe the academic level of the educational program and the institution within the context of the country's educational system:
1. Status (recognition/accreditation) within the country's educational system:
2. Entry requirements (secondary education):
3. Degree equivalence (Baccalaureate, etc.):
4. Other (CAPTE accreditation, etc.):

Summary

Total General Education Credits	
Total Professional Education Credits (45 Minimum):	
Total Credits (105 Minimum)	
Total Credits for BS degree (120 Minimum)	

DEFINITIONS

Adequate: Coursework satisfies the requirement that the level of complexity and scope of the content in a course or courses meets established standards necessary for the entry-level degree.

Clinical Education: That portion of a physical therapy program that is conducted in the healthcare environment rather than the academic environment. (*A Normative Model of Physical Therapist Professional Education: Version 2004: p. 159.*)

Clinical Sciences: Content includes both diseases that require direct intervention of a physical therapist for management and diseases that affect conditions being managed by physical therapists across systems. (*A Normative Model of Physical Therapist Professional Education: Version 2004; p. 159.*)

Clock Hour: Fifty to sixty minutes or as determined by the policy of the institution.

Comments: Validation of transcript references. Identifies specific location within official institutional records where content area(s) may be found. These references may be in the form of educational objectives, listing of course content, course syllabi, test questions or other curricular documents.

Content Area: Component competencies as designated from the *Evaluative Criteria for Accreditation of Educational Programs for the Preparation of Physical Therapists* (Adopted October 1996; Effective January 1998), and designated by match with the *Essentials of an Acceptable School of Physical Therapy*; (AMA, 1955)

Course: A series of study which is taught at the post-secondary level, which results in an official transcript of record with assigned grade, a course description and syllabus, and credit that can be verified by the institution. Credit is either assigned by a semester of 15 weeks, plus an exam week, or is converted to semester hours based on 16 weeks of study.

Credit Hour: A semester credit hour must include at a minimum: 15 hours of lecture, or 30 hours of laboratory, or 48 hours of clinical education.

Evaluation: A dynamic process in which the physical therapist makes clinical judgments gathered during the examination (*Guide to Physical Therapist Practice Rev. Second Edition, 2003, APTA*).

Examination: A comprehensive and specific testing process performed by a physical therapist that leads to diagnostic classification or, as appropriate, to a referral to another practitioner. The Examination has three components: the patient/client history, the systems reviews, and tests and measures. (*Guide to Physical Therapist Practice Rev. Second Edition, APTA, 2003*)

Foundational Sciences: Essential content that contributes to the development and understanding of physical therapy to include sciences that can be described as *basic* and *applied* and as *biological, physical, and behavioral*. (*A Normative Model of Physical Therapist Professional Education: Version 2004, p. 162*)

General Education: General Education constitutes all non-physical therapy education completed, provided these courses were taken at the college level from a recognized educational program. These courses, both pre-professional and post-professional education, may be used to fulfill the core course requirements.

Grades: Undergraduate grades must equate to a “C” average in the United States. No failing grades should be accepted. Professional coursework must meet the requirement of a “C” or higher. Credentialing decisions for conversion of grades or semester credits should follow accepted guidelines as published in acceptable and recognized country codes and “International Reference Guides.” This includes, but is not limited to P.I.E.R., NAFSA publications, or AACROA publications.

Intervention: The purposeful interaction of the physical therapist with the patient/client, and, when appropriate, with other individuals involved in patient/client care, using various physical therapy procedures and techniques to produce changes in the condition. (*A Normative Model of Physical Therapist Professional Education: Version 2004*; Page 163)

Standards: Foundational requirements of an established profession to determine entry-level professional/technical requirements for physical therapists. In physical therapy, *The Essentials of an Acceptable School of Physical Therapy (AMA 1955)*, *The Guide to Physical Therapist Practice Second Edition*, *A Normative Model of Physical Therapist Professional Education: Version 2004*, and *Evaluative Criteria for Accreditation of Education Programs for the Preparation of Physical Therapists* serve as resources for setting these requirements.

Substantially Equivalent: The individual has satisfied or exceeded the minimum number of credits required in general and professional education needed for a U.S. first professional degree in physical therapy. Coursework completed may not be identical in all respects to a U.S. first professional degree in physical therapy, but all required content areas are evident. Deficiencies may be noted in coursework, but not in essential areas of professional education nor be of such magnitude that the education is not deemed to be at the entry-level of preparation for practice in the United States.

Transcript Reference: Official documentation from the academic institution of courses completed, grades assigned, and degree conferred in the form of an official transcript. In the exceptional cases where an official transcript does not exist within the institution, an alternative official document may be considered.



**FSBPT
Coursework Tool
For Foreign Educated
Physical Therapists Who Graduated
From 1978 to 1991**

CWT 2

Federation of State Boards of Physical Therapy
124 West Street South Third Floor ♦ Alexandria, VA 22314
Telephone: 703.299.3100 ♦ Fax: 703.299.3110
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COURSEWORK TOOL 2

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INTRODUCTION

The Coursework Tools for Foreign Educated Physical Therapists (CWT) were developed by the Federation of State Boards of Physical Therapy (FSBPT) in response to the needs of its member jurisdictions for a standardized method to evaluate the educational equivalence of foreign educated physical therapists. Each CWT reflects the minimum general and professional educational requirements for substantial equivalence at the time of graduation with respect to a US first professional degree in physical therapy. Adoption of the tools would allow the same mobility of foreign educated physical therapists as that afforded to US educated graduates. Coursework Tools should not be interpreted as the sole determinant of an individual's educational preparation or competence to practice. CWT 2 is based upon the 1978 American Physical Therapy Association Standards for Accreditation.

The CWT that reflects current standards may be used to determine qualifications for prescreening certification for the United States Citizenship and Immigration Services (USCIS). They are also designed to be used by credentialing organizations and education programs. In addition, the CWTs may be used as a self-evaluation method to guide foreign educated physical therapists in comparing their education to US standards.

OVERVIEW

Summary

The applicant must meet the requirement of not less than 120 semester credit hours. The general credits and professional credit minimums do not meet the minimal requirement of a B.S. degree, thus electives could be included to meet the minimum of 120 credits hour and the baccalaureate degree. The minimum coursework requirements, in and of themselves, do not necessarily satisfy the requirements of the baccalaureate degree. The applicant must have completed sufficient credit to satisfy the requirement for a baccalaureate degree and content in physical therapy curriculum. The applicant must also meet any jurisdiction-specific requirements.

General Education

General education in the areas of humanities, physical science, biological science, social science, behavioral science, and mathematics, must be identified. A minimum of a one semester course must be successfully completed in each area of general education unless otherwise noted.

Note: Some jurisdictions may require specific number of semester credits. The applicant must meet the specific requirements in the jurisdiction where they are seeking licensure.

1. Humanities

- | | |
|--|---------------|
| a. English | e. Literature |
| b. English composition | f. Art |
| c. Speech or oral communication | g. Music |
| d. Foreign language (other than native language) | |

2. Physical Science

- a. Chemistry with laboratory (recommended)
- b. Physics with laboratory (recommended)
- c. Geology
- d. Astronomy

3. Biological Science

- | | |
|-----------------------------|-----------------|
| a. Biology | e. Kinesiology |
| b. Anatomy (recommended) | f. Neuroscience |
| c. Physiology (recommended) | g. Genetics |
| d. Zoology | |

4. Social Science

- | | |
|--------------|----------------------|
| a. History | d. Economics |
| b. Geography | e. Political science |
| c. Sociology | f. Religion |

5. Behavioral Science

- | | |
|-----------------------------|---------------|
| a. Psychology (recommended) | c. Philosophy |
| b. Anthropology | d. Ethics |

6. Mathematics (Not Required)

- a. Statistics
- b. Algebra
- c. Calculus
- d. Geometry
- e. Trigonometry

Professional Education

Sixty semester credits shall be the minimum required in professional education, reflecting no less than two years of study.

1. Basic Health Science

Content is required in each topic listed (a through e) under basic health sciences.

- a. Human anatomy (specific to physical therapy)
- b. Human physiology (specific to physical therapy)
- c. Neurosciences (neuroanatomy or neurophysiology)
- d. Kinesiology or functional anatomy
- e. Pathology

2. Medical and Clinical Science

To prepare a competent physical therapist practitioner, the education must incorporate the essential elements of Examination and Intervention. Therefore, educational coursework must contain all of the following:

- a. Clinical medicine pertinent to physical therapy. This must include but not be limited to:
 - 1. Neurology
 - 2. Orthopedics
 - 3. Cardiopulmonary

- b. Physical therapist coursework must include but not be limited to:
 - 1. Integumentary
 - a. Examination
 - b. Evaluation
 - 2. Musculoskeletal System
 - a. Examination
 - b. Evaluation
 - 3. Neuromuscular System
 - a. Examination
 - b. Evaluation
 - 4. Cardiopulmonary
 - a. Examination
 - b. Evaluation

- c. Physical therapist coursework must include but is not limited to:
 - 1. Integumentary Interventions
 - 2. Musculoskeletal Interventions
 - 3. Neuromuscular Interventions
 - 4. Cardiopulmonary Interventions
 - 5. Physical Agents/Electrotherapy

3. Clinical Education

Clinical education must include physical therapist-supervised application of physical therapy. The applicant must have a minimum of 600 hours total, which are completed in multiple sites and supervised by a physical therapist. The maximum number of full-time clinical education credits is 20.

4. Related Professional Coursework

- | | |
|---------------------------|---|
| a. Professional Behaviors | f. Medical Terminology |
| b. Administration | g. Communication (related to client/patient care) |
| c. Community Health | h. Legal and ethical aspects of physical therapy practice |
| d. Research | i. Psychosocial aspects in physical therapy practice |
| e. Educational Techniques | |

EVALUATION CHECKLIST

Name:	Date:
School:	Country:
Degree:	
Reviewing Organization:	
Reviewer(s):	
Signature of Issuing Organization's Authorized Representative:	
Print Name and Title:	

Note for Reviewing Organizations: Please affix official organization seal to each page of the Evaluation Checklist for authentication purposes.

General Education

A. HUMANITIES: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. English*		
2. English Composition*		
3. Speech or Oral Communication		
4. Foreign Language (other than native language)		
5. Literature		
6. Art		
7. Music		
8. Native Language		
9.		

*For rows 1 & 2, if no credit in English or English composition is provided, the licensing jurisdiction should require the applicant to demonstrate English proficiency.

B. PHYSICAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Chemistry with laboratory (Course I)*		
2. Physics with laboratory (Course I)*		
3. Geology		
4. Astronomy		
5.		
6.		

*Recommended

C. BIOLOGICAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Biology		
2. Anatomy*		
3. Physiology*		
4. Zoology		
5. Kinesiology		
6. Neuroscience		
7. Genetics		
8.		
9.		

* Could be completed as Professional Education

D. SOCIAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. History		
2. Geography		
3. Sociology		
4. Economics		
5. Religion		
6. Political Science		

E. BEHAVIORAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Psychology*		
2. Anthropology		
3. Philosophy		
4. Ethics		
5.		
6.		

* Could be completed as Professional Education

F. MATHEMATICS: Not Required	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Statistics		
2. Algebra		
3. Pre-Calculus		
4. Calculus		
5. Trigonometry		
6. Geometry		

SUB-TOTAL GENERAL EDUCATION CREDITS: _____

Professional Education

A minimum of 60 semester credits is required in this area.

A. BASIC HEALTH SCIENCE: Must include but not limited to areas 1 – 5.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Human Anatomy (Specific to Physical Therapy)			
2. Human Physiology (Specific to physical therapy)			
3. Neuroscience (Neuroanatomy or Neurophysiology)			
4. Kinesiology or Functional Anatomy			
5. Pathology			

B. MEDICAL SCIENCE: Clinical medicine pertinent to physical therapy. Must include but not limited to 1 - 3.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Neurology			
2. Orthopedics			
3. Cardiopulmonary			
4.			

C. CLINICAL SCIENCE: Examination & Evaluation (Tests & Measures) Must include but not limited to 1a – 4b.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Integumentary System			
a. Examination			
b. Evaluation			
2. Musculoskeletal System			
a. Examination			
b. Evaluation			
3. Neuromuscular System			
a. Examination			
b. Evaluation			
4. Cardiopulmonary System			
a. Examination			

b. Evaluation			
5.			

Note: Within the credit hours assigned in Clinical Science: Examination and Evaluation above, indicate on the examination and evaluation content area summary below, content for which you found evidence for items 1 - 10.

Examination and Evaluation Content Area Summary

Must include, but not limited to the following:	Present = √ Absent = ∅	Transcript Reference
1. Anthropometric characteristics		
2. Assistive and adaptive devices		
3. Environmental, home, and work barriers		
4. Gait, assisted locomotion, and balance		
5. Muscle performance (including strength, power, and endurance)		
6. Orthotic, protective, and supportive devices		
7. Pain		
8. Prosthetic requirements		
9. Range of motion		
10. Self-care and home management (including activities of daily living and instrumental activities of daily living)		

D. CLINICAL SCIENCE: Interventions Must include but not limited to 1 – 5.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Integumentary Interventions			
2. Musculoskeletal Interventions			
3. Neuromuscular Interventions			
4. Cardiopulmonary Interventions			
5. Physical Agents/Electro			

Note: Within the credit hours assigned in Clinical Science: Interventions, indicate on the intervention content area summary below, content for which you found evidence for items 1-8.

Intervention Content Area Summary

Must include, but not limited to, the following:	Present = √ Absent = ∅	Transcript Reference
1. Debridement and wound care		
2. Electrotherapeutic modalities		
3. Functional training in community work (job, school, or play) reintegration (including instrumental activities of daily living, work hardening, and work conditioning)		
4. Functional training in self-care and home management (including activities of daily living and instrumental activities of daily living)		
5. Patient-related instruction		
6. Physical agents and mechanical modalities		
7. Prescription, application, and as appropriate, fabrication of assistive, adaptive, orthotic, protective, supportive, and prosthetic devices and equipment		
8. Therapeutic exercise (including aerobic conditioning		

E. CLINICAL EDUCATION	CREDIT HOURS*	TRANSCRIPT REFERENCE	COMMENTS
Two Clinical Internships, total 600 hours			

Note: Clinical education must include physical therapist-supervised application of physical therapy theory. The applicant must have a minimum of two time clinical experiences of no less than 600 hours total that are supervised by a physical therapist.

*Maximum number of full time clinical education credits is 20.

F. RELATED PROFESSIONAL COURSE WORK: Must include but not limited to areas 1 – 9.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Professional Behaviors			
2. Administration			
3. Community Health			
4. Research and Clinical Decision Making			
5. Educational Techniques			
6. Medical Terminology			
7. Communication			

(related to client/patient care)			
8. Legal and Ethical Aspects of Physical Therapy Practice			
9. Psychosocial Aspects in Physical Therapy Practice			

SUB-TOTAL PROFESSIONAL EDUCATION CREDITS: _____
(60 minimum)

Academic Institution

Describe the academic level of the educational program and the institution within the context of the country's educational system:
1. Status (recognition/accreditation) within the country's educational system:
2. Entry requirements (secondary education):
3. Degree equivalence (Baccalaureate, etc.):
4. Other (CAPTE accreditation, etc.):

Summary

Total General Education Credits	
Total Professional Education Credits (60 Minimum):	
Total Credits for BS degree (120 Minimum)	

DEFINITIONS

Adequate: Coursework satisfies the requirement that the level of complexity and scope of the content in a course or courses meets established standards necessary for the entry-level degree.

Clinical Education: That portion of a physical therapy program that is conducted in the healthcare environment rather than the academic environment. (*A Normative Model of Physical Therapist Professional Education: Version 2004: p. 159*)

Clinical Sciences: Content includes both diseases that require direct intervention of a physical therapist for management and diseases that affect conditions being managed by physical therapists across systems. (*A Normative Model of Physical Therapist Professional Education: Version 2004; p. 159*)

Clock Hour: Fifty to sixty minutes or as determined by the policy of the institution.

Comments: Validation of transcript references. Identifies specific location within official institutional records where content area(s) may be found. These references may be in the form of educational objectives, listing of course content, course syllabi, test questions or other curricular documents.

Content Area: Component competencies as designated by the *Evaluative Criteria for Accreditation of Educational Programs for the Preparation of Physical Therapists* (Adopted October 1996; Effective January 1998), and designated to match the *APTA Standards For Accreditation of Physical Therapy Education Programs*. (Adopted June 1978)

Course: A series of study which is taught at the post-secondary level, which results in an official transcript of record with assigned grade, a course description and syllabus, and credit that can be verified by the institution. Credit is either assigned by a semester of 15 weeks, plus an exam week, or is converted to semester hours based on 16 weeks of study.

Credit Hour: A semester credit hour must include at a minimum: 15 hours of lecture, or 30 hours of laboratory, or 48 hours of clinical education.

Evaluation: A dynamic process in which the physical therapist makes clinical judgments gathered during the examination (*Guide to Physical Therapist Practice Rev. Second Edition, 2003, APTA*).

Examination: A comprehensive and specific testing process performed by a physical therapist that leads to diagnostic classification or, as appropriate, to a referral to another practitioner. The Examination has three components: the patient/client history, the systems reviews, and tests and measures. (*Guide to Physical Therapist Practice Rev. Second Edition, APTA, 2003*)

Foundational Sciences: Essential content that contributes to the development and understanding of physical therapy to include sciences that can be described as *basic* and *applied* and as *biological*, *physical*, and *behavioral*. (*A Normative Model of Physical Therapist Professional Education: Version 2004, p. 162*)

General Education: General Education constitutes all non-physical therapy education completed, provided these courses were taken at the college level from a recognized educational program. These courses, both pre-professional and post-professional education, may be used to fulfill the core course requirements.

Grades: Undergraduate grades must equate to a “C” average in the United States. No failing grades should be accepted. Professional coursework must meet the requirement of a “C” or higher. Credentialing decisions for conversion of grades or semester credits should follow accepted guidelines as published in acceptable and recognized country codes and “International Reference Guides.” This includes, but is not limited to P.I.E.R., NAFSA publications, or AACROA publications.

Intervention: The purposeful interaction of the physical therapist with the patient/client, and, when appropriate, with other individuals involved in patient/client care, using various physical therapy procedures and techniques to produce changes in the condition. (*A Normative Model of Physical Therapist Professional Education: Version 2004*; Page 163)

Standards: Foundational requirements of an established profession; in this case used by FCCPT to determine entry-level professional requirements for physical therapists. In physical therapy, *APTA Standards For Accreditation of Physical Therapy Education Programs (1978)*, *The Guide to Physical Therapist Practice Second Edition*, *A Normative Model of Physical Therapist Professional Education Version 2004*, and *Evaluative Criteria for Accreditation of Education Programs for the Preparation of Physical Therapists* serve as resources for setting these requirements.

Substantially Equivalent: The individual has satisfied or exceeded the minimum number of credits required in general and professional education needed for a U.S. first professional degree in physical therapy. Coursework completed may not be identical in all respects to a U.S. first professional degree in physical therapy, but all required content areas are evident. Deficiencies may be noted in coursework, but not in essential areas of professional education nor be of such magnitude that the education is not deemed to be at the entry-level of preparation for practice in the United States.

Transcript Reference: Official documentation from the academic institution of courses completed, grades assigned, and degree conferred in the form of an official transcript. In the exceptional cases where an official transcript does not exist within the institution, an alternative official document may be considered.



**FSBPT
Coursework Tool
For Foreign Educated
Physical Therapists Who Graduated
From 1992 to 1997**

CWT 3

Federation of State Boards of Physical Therapy
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Telephone: 703.299.3100 Fax: 703.299.3110
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COURSEWORK TOOL 3

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INTRODUCTION

The Coursework Tools for Foreign Educated Physical Therapists (CWT) were developed by the Federation of State Boards of Physical Therapy (FSBPT) in response to the needs of its member jurisdictions for a standardized method to evaluate the educational equivalence of foreign educated physical therapists. Each CWT reflects the minimum general and professional educational requirements for substantial equivalence at the time of graduation with respect to a US first professional degree in physical therapy. Adoption of the tools would allow the same mobility of foreign educated physical therapists as that afforded to US educated graduates. Coursework Tools should not be interpreted as the sole determinant of an individual's educational preparation or competence to practice. CWT 3 is based upon the *Evaluative Criteria for Accreditation of Education Programs for the Preparation of Physical Therapists*, CAPTE, which was implemented by FSBPT on January 1, 1992.

The CWT that reflects current standards may be used to determine qualifications for prescreening certification for the United States Citizenship and Immigration Services (USCIS). They are also designed to be used by credentialing organizations and education programs. In addition, the CWTs may be used as a self-evaluation method to guide foreign educated physical therapists in comparing their education to US standards.

OVERVIEW

Summary

The applicant must meet the requirement of not less than 120 semester credit hours. The general credits and professional credit minimums do not meet the minimal requirement of a B.S. degree, thus electives could be included to meet the minimum of 120 credits hour and the baccalaureate degree. The minimum coursework requirements, in and of themselves, do not necessarily satisfy the requirements of the baccalaureate degree. The applicant must have completed sufficient credit to satisfy the requirement for a baccalaureate degree and content in physical therapy curriculum. The applicant must also meet any jurisdiction-specific requirements.

General Education

General education in the areas of humanities, physical science, biological science, social science, behavioral science, and mathematics. A minimum of a one-semester course must be successfully completed in each area of general education unless otherwise noted.

Note: Some jurisdictions may require specific number of semester credits. The applicant must meet the specific requirements in the jurisdiction where they are seeking licensure.

1. Humanities

- | | |
|--|---------------|
| a. English | e. Literature |
| b. English composition | f. Art |
| c. Speech or oral communication | g. Music |
| d. Foreign language (other than native language) | |

2. Physical Science

- Chemistry with laboratory (required)
- Physics with laboratory (required)
- Geology
- Astronomy

3. Biological Science

- | | |
|---------------|-----------------|
| a. Biology | e. Kinesiology |
| b. Anatomy | f. Neuroscience |
| c. Physiology | g. Genetics |
| d. Zoology | |

4. Social Science

- | | |
|--------------|----------------------|
| a. History | d. Economics |
| b. Geography | e. Political science |
| c. Sociology | f. Religion |

5. Behavioral Science

- a. Psychology
(required)
- b. Anthropology
- c. Philosophy
- d. Ethics

6. Mathematics

- a. Statistics
- b. Algebra
- c. Calculus
- d. Geometry
- e. Trigonometry

Professional Education

Sixty-nine semester credits shall be the minimum required in professional education, reflecting no less than two years of study.

1. Basic Health Science

Content Area is required in each topic listed (a through e) under basic health sciences.

- a. Human anatomy (specific to physical therapy)
- b. Human physiology (specific to physical therapy)
- c. Neurosciences (neuroanatomy or neurophysiology)
- d. Kinesiology or functional anatomy
- e. Pathology

2. Medical and Clinical Science

To prepare a competent physical therapist practitioner, the education must incorporate the essential elements of Examination and Intervention. Therefore, educational coursework must contain all of the following:

- a. Clinical medicine pertinent to physical therapy. This must include but not be limited to:
 1. Neurology
 2. Orthopedics
 3. Pediatrics
 4. Geriatrics
 5. Cardiopulmonary
- b. Physical therapist coursework must include but not be limited to:

<ol style="list-style-type: none">1. Integumentary<ol style="list-style-type: none">a. Examinationb. Evaluation2. Musculoskeletal System<ol style="list-style-type: none">a. Examinationb. Evaluation	<ol style="list-style-type: none">3. Neuromuscular System<ol style="list-style-type: none">a. Examinationb. Evaluation4. Cardiopulmonary<ol style="list-style-type: none">a. Examinationb. Evaluation
--	--
- c. Physical therapist coursework must include but is not limited to:
 1. Integumentary Interventions
 2. Musculoskeletal Interventions
 3. Neuromuscular Interventions
 4. Cardiopulmonary Interventions
 5. Physical Agents/Electrotherapy

3. Clinical Education

Clinical education must include physical therapist-supervised application of physical therapy. The applicant must have a minimum of 800 hours total, which are completed in multiple sites and supervised by a physical therapist. The maximum number of full-time clinical education credits is 23.

4. Related Professional Coursework

- | | |
|---|---|
| <ol style="list-style-type: none">a. Professional Behaviorsb. Administrationc. Community Healthd. Researche. Educational Techniques | <ol style="list-style-type: none">f. Medical Terminologyg. Communication (related to client/patient care)h. Legal and ethical aspects of physical therapy practicei. Psychosocial aspects in physical therapy practicej. Consultation, Screening & Delegation |
|---|---|

EVALUATION CHECKLIST

Name:	Date:
School:	Country:
Degree:	
Reviewing Organization:	
Reviewer(s):	
Signature of Issuing Organization's Authorized Representative:	
Print Name and Title:	

Note for Reviewing Organizations: Please affix official organization seal to each page of the Evaluation Checklist for authentication purposes.

General Education

A. HUMANITIES: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. English*		
2. English Composition*		
3. Speech or Oral Communication		
4. Foreign Language (other than native language)		
5. Literature		
6. Art		
7. Music		
8. Native Language		
9.		

*For rows 1 & 2, if no credit in English or English composition is provided, the licensing jurisdiction should require the applicant to demonstrate English proficiency.

B. PHYSICAL SCIENCE: Two courses minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Chemistry with laboratory (Course I)*		
2. Physics with laboratory (Course I)*		
3. Geology		
4. Astronomy		
5.		
6.		

*Required

C. BIOLOGICAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Biology		
2. Anatomy		
3. Physiology		
4. Zoology		
5. Kinesiology		
6. Neuroscience		
7. Genetics		
8.		
9.		

D. SOCIAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. History		
2. Geography		
3. Sociology		
4. Economics		
5. Religion		
6. Political Science		
7.		
8.		

E. BEHAVIORAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Psychology		
2. Anthropology		
3. Philosophy		
4. Ethics		
5.		
6.		

F. MATHEMATICS: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Statistics		
2. Algebra		
3. Pre-Calculus		
4. Calculus		
5. Trigonometry		
6. Geometry		

SUB-TOTAL GENERAL EDUCATION CREDITS: _____

Professional Education

A minimum of 69 semester credits is required in this area.

A. BASIC HEALTH SCIENCE: Must include but not limited to areas 1 – 5.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Human Anatomy (Specific to physical therapy)			
2. Human Physiology (Specific to physical therapy)			
3. Neuroscience (Neuroanatomy or Neurophysiology)			
4. Kinesiology or Functional Anatomy			
5. Pathology			

B. MEDICAL SCIENCE: Clinical medicine pertinent to physical therapy. Must include but not limited to areas 1-5.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Neurology			
2. Orthopedics			
3. Pediatrics			
4. Geriatrics			
5. Cardiopulmonary			
6.			

C. CLINICAL SCIENCE: Examination & Evaluation (Tests & Measures) Must include but not limited to areas 1a – 4b.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Integumentary System			
a. Examination			
b. Evaluation			
2. Musculoskeletal System			
a. Examination			
b. Evaluation			
3. Neuromuscular System			
a. Examination			
b. Evaluation			
4. Cardiopulmonary System			
a. Examination			
b. Evaluation			
5.			

Note: Within the credit hours assigned in Clinical Science: Examination & Evaluation above, indicate on the examination and evaluation content area summary below, content for which you found evidence for items 1 - 16.

Examination and Evaluation Content Area Summary

Must include but not limited to areas 1-16.	Present = √ Absent = ∅	Transcript Reference
1. Anthropometric characteristics		
2. Assistive and adaptive devices		
3. Environmental, home, and work barriers		
4. Gait, assisted locomotion, and balance		
5. Integumentary integrity		
6. Joint integrity and mobility		
7. Motor function		
8. Muscle performance (including strength, power, and endurance)		
9. Neuromotor development and sensory integration		
10. Pain		
11. Posture		
12. Range of motion		
13. Reflex integrity		
14. Self-care and home management (including activities of daily living and instrumental activities of daily living)		

	Present = √ Absent = ∅	Transcript Reference
Must include but not limited to areas 1-16.		
15. Sensory integration (including proprioception and kinesthesia)		
16. Ventilation, respiration, and circulation		

D. CLINICAL SCIENCE: Interventions Must include but not limited to areas 1 – 5.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Integumentary Interventions			
2. Musculoskeletal Interventions			
3. Neuromuscular Interventions			
4. Cardiopulmonary Interventions			
5. Physical Agents/Electro			

Note: Within the credit hours assigned in Clinical Science: Interventions above, indicate on the intervention content area summary below, content for which you found evidence for items 1-10.

Intervention Content Area Summary

	Present = √ Absent = ∅	Transcript Reference
Must include, but not limited to areas 1-10.		
1. Airway clearance techniques		
2. Debridement and wound care		
3. Electrotherapeutic modalities		
4. Functional training in community work (job, school, or play) reintegration (including instrumental activities of daily living, work hardening, and work conditioning)		
5. Functional training in self-care and home management (including activities of daily living and instrumental activities of daily living)		
6. Manual therapy techniques		
7. Patient-related instruction		
8. Physical agents and mechanical modalities		
9. Prescription, application, and as appropriate, fabrication of assistive, adaptive, orthotic, protective, supportive, and prosthetic devices and equipment		
10. Therapeutic exercise (including aerobic conditioning		

E. CLINICAL EDUCATION	CREDIT HOURS**	TRANSCRIPT REFERENCE	COMMENTS
Two Clinical Internships, total 800 hours			

Note: Clinical education must include physical therapist-supervised application of physical therapy theory. The applicant must have a minimum of one full-time clinical internship and a total of no less than 800 hours that are supervised by a physical therapist. Clinical experiences should be integrated as well as terminal in nature.

**Maximum number of full time clinical education credits is 23.

F. RELATED PROFESSIONAL COURSEWORK: Must include but not limited to areas 1 – 10.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Professional Behaviors			
2. Administration			
3. Community Health			
4. Research and Clinical Decision Making			
5. Educational Techniques			
6. Medical Terminology			
7. Communication (related to client/patient care)			
8. Legal and Ethical Aspects of Physical Therapy Practice			
9. Psychosocial Aspects in Physical Therapy Practice			
10. Consultation, Screening & Delegation			

SUB-TOTAL PROFESSIONAL EDUCATION CREDITS: _____

(69 minimum)

Academic Institution

Describe the academic level of the educational program and the institution within the context of the country's educational system:
1. Status (recognition/accreditation) within the country's educational system:
2. Entry requirements (secondary education):
3. Degree equivalence (Baccalaureate, etc.):
4. Other (CAPTE accreditation, etc.):

Summary

Total General Education Credits :	
Total Professional Education Credits (69 Minimum):	
Total Credits for BS degree (120 Minimum)	

DEFINITIONS

Adequate: Coursework satisfies the requirement that the level of complexity and scope of the content in a course or courses meets established standards necessary for the entry-level degree.

Clinical Education: That portion of a physical therapy program that is conducted in the healthcare environment rather than the academic environment. (*A Normative Model of Physical Therapist Professional Education: Version 2004: p. 159*)

Clinical Sciences: Content includes both diseases that require direct intervention of a physical therapist for management and diseases that affect conditions being managed by physical therapists across systems. (*A Normative Model of Physical Therapist Professional Education: Version 2004; p. 159*)

Clock Hour: Fifty to sixty minutes or as determined by the policy of the institution.

Comments: Validation of transcript references. Identifies specific location within official institutional records where content area(s) may be found. These references may be in the form of educational objectives, listing of course content, course syllabi, test questions or other curricular documents.

Content Area: Component competencies as designated by the *Evaluative Criteria for Accreditation of Educational Programs for the Preparation of Physical Therapists* (Adopted October 1996; Effective January 1998).

Course: A series of study which is taught at the post secondary level, which results in an official transcript of record with assigned grade, a course description and syllabus, and credit that can be verified by the institution. Credit is either assigned by a semester of 15 weeks, plus an exam week, or is converted to semester hours based on 16 weeks of study.

Credit Hour: A semester credit hour must include at a minimum: 15 hours of lecture, or 30 hours of laboratory, or 48 hours of clinical education.

Evaluation: A dynamic process in which the physical therapist makes clinical judgments gathered during the examination (*Guide to Physical Therapist Practice Rev. Second Edition, 2003, APTA*).

Examination: A comprehensive and specific testing process performed by a physical therapist that leads to diagnostic classification or, as appropriate, to a referral to another practitioner. The Examination has three components: the patient/client history, the systems reviews, and tests and measures. (*Guide to Physical Therapist Practice Rev. Second Edition, APTA, 2003*)

Foundational Sciences: Essential content that contributes to the development and understanding of physical therapy to include sciences that can be described as *basic* and *applied* and as *biological, physical, and behavioral*. (*A Normative Model of Physical Therapist Professional Education: Version 2004, p. 162*)

General Education: General Education constitutes all non-physical therapy education completed, provided these courses were taken at the college level from a recognized educational program. These courses, both pre-professional and post-professional education, may be used to fulfill the core course requirements

Grades: Undergraduate grades must equate to a "C" average in the United States. No failing grades should be accepted. Professional coursework must meet the requirement of a "C" or higher. Credentialing decisions for conversion of grades or semester credits should follow accepted guidelines as published in acceptable and

recognized country codes and “International Reference Guides.” This includes, but is not limited to P.I.E.R., NAFSA publications, or AACROA publications.

Intervention: The purposeful interaction of the physical therapist with the patient/client, and, when appropriate, with other individuals involved in patient/client care, using various physical therapy procedures and techniques to produce changes in the condition. (*A Normative Model of Physical Therapist Professional Education: Version 2004*; Page 163)

Standards: Foundational requirements of an established profession; in this case used by FCCPT to determine entry-level professional requirements for physical therapists. In physical therapy, *The Guide to Physical Therapist Practice Second Edition*, *A Normative Model of Physical Therapist Professional Education: Version 2004*, and *Evaluative Criteria for Accreditation of Education Programs for the Preparation of Physical Therapists* serve as resources for setting these requirements.

Substantially Equivalent: The individual has satisfied or exceeded the minimum number of credits required in general and professional education needed for a U.S. first professional degree in physical therapy. Coursework completed may not be identical in all respects to a U.S. first professional degree in physical therapy, but all required content areas are evident. Deficiencies may be noted in coursework, but not in essential areas of professional education nor be of such magnitude that the education is not deemed to be at the entry-level of preparation for practice in the United States.

Transcript Reference: Official documentation from the academic institution of courses completed, grades assigned, and degree conferred in the form of an official transcript. In the exceptional cases where an official transcript does not exist within the institution, an alternative official document may be considered.



**FSBPT
Coursework Tool
For Foreign Educated
Physical Therapists who graduated
from 1998 to
June 30, 2009**

CWT 4

Federation of State Boards of Physical Therapy
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COURSEWORK TOOL 4
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INTRODUCTION

The Coursework Tools for Foreign Educated Physical Therapists (CWT) were developed by the Federation of State Boards of Physical Therapy (FSBPT) in response to the needs of its member jurisdictions for a standardized method to evaluate the educational equivalence of foreign educated physical therapists. Each CWT reflects the minimum general and professional educational requirements for substantial equivalence at the time of graduation with respect to a US first professional degree in physical therapy. Adoption of the tools would allow the same mobility of foreign educated physical therapists as that afforded to US educated graduates. Coursework Tools should not be interpreted as the sole determinant of an individual's educational preparation or competence to practice. CWT 4 is based upon the *Evaluative Criteria for Accreditation of Education Programs for the Preparation of Physical Therapists*, CAPTE, which was implemented by FSBPT on January 1, 1998.

The CWT that reflects current standards may be used to determine qualifications for prescreening certification for the United States Citizenship and Immigration Services (USCIS). They are also designed to be used by credentialing organizations and education programs. In addition, the CWTs may be used as a self-evaluation method to guide foreign educated physical therapists in comparing their education to US standards.

OVERVIEW

Summary

The applicant must meet the requirement of not less than 150 semester credit hours as a prerequisite. The minimum coursework requirements, in and of themselves, do not necessarily satisfy the requirements of the first professional degree. The applicant must have completed sufficient credit to satisfy the requirement for a post-baccalaureate degree. The applicant must also meet any jurisdiction-specific requirements.

General Education

General education in the areas of humanities, physical science, biological science, social science, behavioral science, and mathematics, must be identified. A minimum of a one-semester course must be successfully completed in each area of general education unless otherwise noted.

Note: Some jurisdictions may require a specific number of semester credits. The applicant must meet the specific requirements in the jurisdiction where they are seeking licensure.

1. Humanities

- | | |
|--|---------------|
| a. English | e. Literature |
| b. English composition | f. Art |
| c. Speech or oral communication | g. Music |
| d. Foreign language (other than native language) | |

2. Physical Science

- a. Chemistry with laboratory (two courses required)
- b. Physics with laboratory (two courses required)
- c. Geology
- d. Astronomy

3. Biological Science

- | | |
|---------------|-----------------|
| a. Biology | e. Kinesiology |
| b. Anatomy | f. Neuroscience |
| c. Physiology | g. Genetics |
| d. Zoology | |

4. Social Science

- | | |
|--------------|----------------------|
| a. History | d. Economics |
| b. Geography | e. Political science |
| c. Sociology | f. Religion |

5. Behavioral Science

- | | |
|-----------------|---------------|
| a. Psychology | c. Philosophy |
| b. Anthropology | d. Ethics |

6. Mathematics

- | | |
|---------------|-----------------|
| a. Statistics | d. Calculus |
| b. Algebra | e. Trigonometry |

c. Pre-calculus

f. Geometry

Professional Education

Ninety semester credits shall be the minimum required in professional education.

1. Basic Health Science

Content is required in each topic listed (a through e) under basic health sciences.

- a. Human anatomy (specific to physical therapy)
- b. Human physiology (specific to physical therapy)
- c. Neuroscience
- d. Kinesiology or functional anatomy
- e. Pathology

2. Medical and Clinical Science

To prepare a competent physical therapist practitioner, the education must incorporate the essential elements of Examination, Evaluation, and Intervention. Therefore, educational coursework must contain all of the following:

- a. Clinical medicine pertinent to physical therapy. This must include but not be limited to:
 1. Neurology
 2. Orthopedics
 3. Pediatrics
 4. Geriatrics
 5. Cardiopulmonary
 6. Pharmacology
- b. Physical therapist coursework must include but not be limited to:

<ol style="list-style-type: none">1. Integumentary System<ol style="list-style-type: none">a. Examinationb. Evaluation2. Musculoskeletal System<ol style="list-style-type: none">a. Examinationb. Evaluation	<ol style="list-style-type: none">3. Neuromuscular System<ol style="list-style-type: none">a. Examinationb. Evaluation4. Cardiopulmonary System<ol style="list-style-type: none">a. Examinationb. Evaluation
---	---

Note: Examination and evaluation content areas must be completed. See Examination and Evaluation Content Area Summary.

- c. Physical therapist coursework must include but is not limited to:
 1. Integumentary Interventions
 2. Musculoskeletal Interventions
 3. Neuromuscular Interventions
 4. Cardiopulmonary Interventions

Note: Intervention content areas must be completed. See Intervention Content Area Summary.

3. Clinical Education

Clinical education must include physical therapist-supervised application of physical therapy theory, examination, evaluation, and intervention. The applicant must have a minimum of two full-time clinical internships of no less than 800 hours total, which are supervised by a physical therapist. The maximum number of full time clinical education credits is 23.

4. Related Professional Coursework

Content is required in the following nine areas:

- | | | |
|---------------------------|--|---|
| a. Professional behaviors | d. Research and clinical decision making | g. Communication (related to client/patient care) |
| b. Administration | e. Educational techniques | h. Legal and ethical aspects of physical therapy practice |
| c. Community health | f. Medical terminology | i. Psychosocial aspects in physical therapy practice |

EVALUATION CHECKLIST

Name:	Date:
School:	Country:
Degree:	
Reviewing Organization:	
Reviewer(s):	
Signature of Issuing Organization's Authorized Representative:	
Print Name and Title:	

Note for Reviewing Organizations: Please affix official organization seal to each page of the Evaluation Checklist for authentication purposes.

General Education

A. HUMANITIES: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. English*		
2. English Composition*		
3. Speech or Oral Communication		
4. Foreign Language (other than native language)		
5. Literature		
6. Art		
7. Music		
8. Native Language		
9.		

*For rows 1 & 2, if no credit in English or English composition is provided, the licensing jurisdiction should require the applicant to demonstrate English proficiency.

B. PHYSICAL SCIENCE: Two one-semester courses in chemistry with laboratory and two one-semester courses in physics with laboratory are required*	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Chemistry with laboratory (Course I)*		
2. Chemistry, with laboratory (Course II)*		
3. Physics with laboratory (Course I)*		
4. Physics with laboratory (Course II)*		
5. Geology		
6. Astronomy		
7.		
8.		

*Required

C. BIOLOGICAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Biology		
2. Anatomy		
3. Physiology		
4. Zoology		
5. Kinesiology		
6. Neuroscience		
7. Genetics		
8.		
9.		

D. SOCIAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. History		
2. Geography		
3. Sociology		
4. Economics		
5. Religion		
6. Political Science		
7.		
8.		

E. BEHAVIORAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Psychology*		
2. Anthropology		
3. Philosophy		
4. Ethics		
5.		
6.		

*Required

F. MATHEMATICS: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Statistics		
2. Algebra		
3. Pre-Calculus		
4. Calculus		
5. Trigonometry		
6. Geometry		
7.		

SUB-TOTAL GENERAL EDUCATION CREDITS: _____

Professional Education

A minimum of 90 semester credits is required in this area.

A. BASIC HEALTH SCIENCE: Must include but not limited to areas 1- 5.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Human Anatomy (Specific to physical therapy)			
2. Human Physiology (Specific to physical therapy)			
3. Neuroscience (Neuroanatomy/ Neurophysiology)			
4. Kinesiology or Functional Anatomy			
5. Pathology			
6.			
7.			

B. MEDICAL SCIENCE: Clinical medicine pertinent to physical therapy. Must include but not limited to 1 - 6.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Neurology			
2. Orthopedics			
3. Pediatrics			
4. Geriatrics			
5. Cardiopulmonary			
6. Pharmacology			
7.			
8.			
9.			
10.			

C. CLINICAL SCIENCE: Examination & Evaluation Must include but not limited to 1a – 4b.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Integumentary System			
a. Examination			
b. Evaluation			
2. Musculoskeletal System			
a. Examination			
b. Evaluation			
3. Neuromuscular System			
a. Examination			
b. Evaluation			
4. Cardiopulmonary System			
a. Examination			
b. Evaluation			
5.			
6.			
7.			

Note: Within the credit hours assigned in Clinical Science: Examination & Evaluation above, indicate on the examination and evaluation content area summary below, for which you found evidence for items 1 - 23.

Examination and Evaluation Content Area Summary

Must include, but are not limited to areas 1-23:	Present = √ Absent = ∅	Transcript Reference
1. Aerobic capacity		
2. Anthropometric characteristics		
3. Arousal, mentation, and cognition		
4. Assistive and adaptive devices		
5. Community and work (job, school, or play) reintegration		
6. Cranial nerve integrity		
7. Environmental, home, and work barriers		
8. Ergonomics and body mechanics		
9. Gait, assisted locomotion, and balance		
10. Integumentary integrity		
11. Joint integrity and mobility		
12. Motor function		
13. Muscle performance (including strength, power, and endurance)		
14. Neuromotor development and sensory integration		

Must include, but are not limited to areas 1-23:	Present = √ Absent = ∅	Transcript Reference
15. Orthotic, protective and supportive devices		
16. Pain		
17. Posture		
18. Prosthetic requirements		
19. Range of motion		
20. Reflex integrity		
21. Self-care and home management (including activities of daily living and instrumental activities of daily living)		
22. Sensory integration (including proprioception and kinesthesia)		
23. Ventilation, respiration, and circulation		
24.		
25.		

Adapted from *Evaluative Criteria for Accreditation of Education Programs for the Preparation of Physical Therapists*. Commission on Accreditation in Physical Therapy Education; 1996; p. 29.

D. CLINICAL SCIENCE: Interventions Must include but not limited to areas 1 – 4.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Integumentary Interventions			
2. Musculoskeletal Interventions			
3. Neuromuscular Interventions			
4. Cardiopulmonary Interventions			
5.			
6.			

Note: Within the credit hours assigned in Clinical Science: Interventions above, indicate on the intervention content area summary below, content for which you found evidence for items 1-10.

Intervention Content Area Summary

Must include, but not limited to, areas 1-10.	Present = √ Absent = ∅	Transcript Reference
1. Airway clearance techniques		
2. Debridement and wound care		
3. Electrotherapeutic modalities		
4. Functional training in community and work (job, school, or play) reintegration (including instrumental activities of daily living, work hardening, and work conditioning)		
5. Functional training in self-care and home management (including activities of daily living and instrumental activities of daily living)		
6. Manual therapy techniques		
7. Patient-related instruction		
8. Physical agents and mechanical modalities		
9. Prescription, application, and as appropriate, fabrication of assistive, adaptive, orthotic, protective, supportive, and prosthetic devices and equipment		
10. Therapeutic exercise (including aerobic conditioning)		
11.		
12.		

Adapted from: *Evaluative Criteria for Accreditation of Education Programs for the Preparation of Physical Therapists*. Commission on Accreditation in Physical Therapy Education; 1996; p. 30.

E. CLINICAL EDUCATION	CREDIT HOURS*	TRANSCRIPT REFERENCE	COMMENTS
Two Clinical Internships, total 800 hours			

Note: Clinical education must include physical therapist-supervised application of physical therapy theory, examination, evaluation, and intervention. The applicant must have a minimum of two full-time clinical internships of no less than 800 hours total that are supervised by a physical therapist.

*Maximum number of full time clinical education credits is 23.

F. RELATED PROFESSIONAL COURSEWORK: Must include but not limited to areas 1 – 9.	CREDIT HOURS	TRANSCRIPT REFERENCE	COMMENTS
1. Professional Behaviors			
2. Administration			
3. Community Health			
4. Research and Clinical Decision Making			
5. Educational Techniques			
6. Medical Terminology			
7. Communication (related to client/patient care)			
8. Legal and Ethical Aspects of Physical Therapy practice			
9. Psychosocial Aspects in Physical Therapy Practice			
10.			
11.			
12.			

SUB-TOTAL PROFESSIONAL EDUCATION CREDITS: _____
(90 minimum)

Academic Institution

Describe the academic level of the educational program and the institution within the context of the country's educational system:
1. Status (recognition/accreditation) within the country's educational system:
2. Entry requirements (secondary education):

Describe the academic level of the educational program and the institution within the context of the country's educational system:
3. Degree equivalence (Baccalaureate, etc.):
4. Other (CAPTE accreditation, etc.):

Summary

Total General Education Credits:	
Total Professional Education Credits (90 Minimum):	
Total Credits (150 Minimum)	

DEFINITIONS

Adequate: Coursework satisfies the requirement that the level of complexity and scope of the content in a course or courses meets established standards necessary for the entry-level degree.

Clinical Education: That portion of a physical therapy program that is conducted in the healthcare environment rather than the academic environment. (*A Normative Model of Physical Therapist Professional Education: Version 2004: p. 159*)

Clinical Sciences: Content includes both diseases that require direct intervention of a physical therapist for management and diseases that affect conditions being managed by physical therapists across systems. (*Normative Model of Physical Therapist Professional Education: Version 2004; p. 159*)

Clock Hour: Fifty to sixty minutes or as determined by the policy of the institution.

Comments: Validation of transcript references. Identifies specific location within official institutional records where content area(s) may be found. These references may be in the form of educational objectives, listing of course content, course syllabi, test questions or other curricular documents.

Content Area: Component competencies as designated by the *Evaluative Criteria for Accreditation of Educational Programs for the Preparation of Physical Therapists* (Adopted October 1996; Effective January 1998).

Course: A series of study which is taught at the post secondary level, which results in an official transcript of record with assigned grade, a course description and syllabus, and credit that can be verified by the institution. Credit is either assigned by a semester of 15 weeks, plus an exam week, or is converted to semester hours based on 16 weeks of study.

Credit Hour: A semester credit hour must include at a minimum: 15 hours of lecture, or 30 hours of laboratory, or 48 hours of clinical education.

Evaluation: A dynamic process in which the physical therapist makes clinical judgments gathered during the examination (*Guide to Physical Therapist Practice Rev. Second Edition, 2003, APTA*).

Examination: A comprehensive and specific testing process performed by a physical therapist that leads to diagnostic classification or, as appropriate, to a referral to another practitioner. The Examination has three components: the patient/client history, the systems reviews, and tests and measures. (*Guide to Physical Therapist Practice Rev. Second Edition, APTA, 2003*)

Foundational Sciences: Essential content that contributes to the development and understanding of physical therapy to include sciences that can be described as *basic* and *applied* and as *biological, physical, and behavioral*. (*A Normative Model of Physical Therapist Professional Education: Version 2004, p. 162*)

General Education: General Education constitutes all non-physical therapy education completed, provided these courses were taken at the college level from a recognized educational program. These courses, both pre-professional and post-professional education, may be used to fulfill the core course requirements

Grades: Undergraduate grades must equate to a "C" average in the United States. No failing grades should be accepted. Professional coursework must meet the requirement of a "C" or higher. Credentialing decisions for conversion of grades or semester credits should follow accepted guidelines as published in acceptable and

recognized country codes and “International Reference Guides.” This includes, but is not limited to P.I.E.R., NAFSA publications, or AACROA publications.

Intervention: The purposeful interaction of the physical therapist with the patient/client, and, when appropriate, with other individuals involved in patient/client care, using various physical therapy procedures and techniques to produce changes in the condition. (*A Normative Model of Physical Therapist Professional Education: Version 2004*; Page 163)

Standards: Foundational requirements of an established profession; in this case used by FCCPT to determine entry-level professional requirements for physical therapists. In physical therapy, *The Guide to Physical Therapist Practice Second Edition*, *A Normative Model of Physical Therapist Professional Education: Version 2004*, and *Evaluative Criteria for Accreditation of Education Programs for the Preparation of Physical Therapists* serve as resources for setting these requirements.

Substantially Equivalent: The individual has satisfied or exceeded the minimum number of credits required in general and professional education needed for a U.S. first professional degree in physical therapy. Coursework completed may not be identical in all respects to a U.S. first professional degree in physical therapy, but all required content areas are evident. Deficiencies may be noted in coursework, but not in essential areas of professional education nor be of such magnitude that the education is not deemed to be at the entry-level of preparation for practice in the United States.

Transcript Reference: Official documentation from the academic institution of courses completed, grades assigned, and degree conferred in the form of an official transcript. In the exceptional cases where an official transcript does not exist within the institution, an alternative official document may be considered.



FSBPT
Coursework Tool
For Foreign Educated
Physical Therapists who Graduated
after June 30, 2009

CWT 5

Federation of State Boards of Physical Therapy
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COURSEWORK TOOL 5

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INTRODUCTION

The Coursework Tools for Foreign Educated Physical Therapists (CWT) were developed by the Federation of State Boards of Physical Therapy (FSBPT) in response to the needs of its member jurisdictions for a standardized method to evaluate the educational equivalence of foreign educated physical therapists. Each CWT reflects the minimum general and professional educational requirements for substantial equivalence at the time of graduation with respect to a US first professional degree in physical therapy. Adoption of the tools would allow the same mobility of foreign educated physical therapists as that afforded to US educated graduates. Coursework Tools should not be interpreted as the sole determinant of an individual's educational preparation or competence to practice. CWT 5 is based upon the *Evaluative Criteria for Accreditation of Education Programs for the Preparation of Physical Therapists*, CAPTE, which will be implemented by FSBPT on July 1, 2009.

The CWT that reflects current standards may be used to determine qualifications for prescreening certification for the United States Citizenship and Immigration Services (USCIS). They are also designed to be used by credentialing organizations and education programs. In addition, the CWTs may be used as a self-evaluation method to guide foreign educated physical therapists in comparing their education to US standards.

OVERVIEW

Summary

The applicant must meet the requirement of not less than 150 semester credit hours as a prerequisite. The minimum coursework requirements, in and of themselves, do not necessarily satisfy the requirements of the first professional degree. The applicant must have completed sufficient credit to satisfy the requirement for a post-baccalaureate degree. The applicant must also meet any jurisdiction-specific requirements.

General Education

General education in the areas of humanities, physical science, biological science, social science, behavioral science, and mathematics, must be identified. A minimum of a one-semester course must be successfully completed in each area of general education unless otherwise noted.

Note: Some jurisdictions may require a specific number of semester credits. The applicant must meet the specific requirements in the jurisdiction where they are seeking licensure.

1. Humanities

- | | |
|--|---------------|
| a. English | e. Literature |
| b. English composition | f. Art |
| c. Speech or oral communication | g. Music |
| d. Foreign language (other than native language) | |

2. Physical Science

- a. Chemistry with laboratory (one course required) *
 - b. Physics with laboratory (one courses required) *
 - c. Geology
 - d. Astronomy
- * Two semesters preferred

3. Biological Science

- | | |
|----------------|-----------------|
| a. Biology | e. Kinesiology |
| b. Anatomy* | f. Neuroscience |
| c. Physiology* | g. Genetics |
| d. Zoology | |
- * One year of anatomy & physiology preferred

4. Social Science

- | | |
|--------------|----------------------|
| a. History | d. Economics |
| b. Geography | e. Political science |
| c. Sociology | f. Religion |

5. Behavioral Science

- a. Psychology*
 - b. Anthropology
 - c. Philosophy
 - d. Ethics
- * Required

6. Mathematics

- a. Statistics
- b. Algebra
- c. Pre-calculus
- d. Calculus
- e. Trigonometry
- f. Geometry

Professional Education

Ninety semester credits shall be the minimum required in professional education.

1. Basic Health Science

Content is required in each topic listed (a through e) under basic health sciences.

- a. Human anatomy (specific to physical therapy)
- b. Human physiology (specific to physical therapy)
- c. Neuroscience
- d. Kinesiology or functional anatomy
- e. Pathology

2. Medical and Clinical Science

To prepare a competent physical therapist practitioner, the education must incorporate the essential elements of Examination, Evaluation, and Intervention. Therefore, educational coursework must contain all of the following:

- a. Clinical medicine pertinent to physical therapy. This must include but not be limited to:
 - 1. Neurology
 - 2. Orthopedics
 - 3. Pediatrics
 - 4. Geriatrics
 - 5. Cardiopulmonary
 - 6. Pharmacology
 - 7. General Medical/Surgical Metabolic Conditions
- b. Physical therapist coursework must include but not be limited to:
 - 1. Integumentary System
 - a. Examination
 - b. Evaluation
 - 2. Musculoskeletal System
 - a. Examination
 - b. Evaluation
 - 3. Neuromuscular System
 - a. Examination
 - b. Evaluation
 - 4. Cardiopulmonary System
 - a. Examination
 - b. Evaluation
 - 5. Metabolic Problems
 - a. Examination
 - b. Evaluation

Note: Examination and evaluation content areas must be completed. See Examination and Evaluation Content Area Summary.

- c. Physical therapist coursework must include but is not limited to:
 - 1. Integumentary Interventions
 - 2. Musculoskeletal Interventions
 - 3. Neuromuscular Interventions
 - 4. Cardiopulmonary Interventions

Note: Intervention content areas must be completed. See Intervention Content Area Summary.

3. Clinical Education

Clinical education must include physical therapist-supervised application of physical therapy theory, examination, evaluation, and intervention. The applicant must have a minimum of two full-time clinical internships of no less than 800 hours total, which are supervised by a physical therapist. The maximum number of full time clinical education credits is 23.

4. Related Professional Coursework

Content is required in the following 12 areas:

- | | | |
|--|---|--|
| a. Professional behaviors | e. Educational techniques | i. Psychosocial aspects in physical therapy practice |
| b. Administration | f. Medical terminology | j. Emergency procedures |
| c. Community health | g. Communication (related to client/patient care) | k. Cultural competency |
| d. Research and clinical decision making | h. Legal and ethical aspects of physical therapy practice | l. Consultation, screening and delegation |

EVALUATION CHECKLIST

Name:	Date:
School:	Country:
Degree:	
Reviewing Organization:	
Reviewer(s):	
Signature of Issuing Organization's Authorized Representative:	
Print Name and Title:	

Note for Reviewing Organizations: Please affix official organization seal to each page of the Evaluation Checklist for authentication purposes.

General Education

A. HUMANITIES: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. English*		
2. English Composition*		
3. Speech or Oral Communication		
4. Foreign Language (other than native language)		
5. Literature		
6. Art		
7. Music		
8. Native Language		
9.		

*For rows 1 & 2, if no credit in English or English composition is provided, the licensing jurisdiction should require the applicant to demonstrate English proficiency.

B. PHYSICAL SCIENCE: One semester course in chemistry with laboratory and one semester course in physics with laboratory are required.	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Chemistry with laboratory (Course I)		
2. Chemistry, with laboratory (Course II)*		
3. Physics with laboratory (Course I)		
4. Physics with laboratory (Course II)*		
5. Geology		
6. Astronomy		
7.		
8.		

*One year of chemistry & physics preferred

C. BIOLOGICAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Biology		
2. Anatomy*		
3. Physiology*		
4. Zoology		
5. Kinesiology		
6. Neuroscience		
7. Genetics		
8.		
9.		

* One year of anatomy & physiology preferred

D. SOCIAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. History		
2. Geography		
3. Sociology		
4. Economics		
5. Religion		
6. Political Science		
7.		
8.		

E. BEHAVIORAL SCIENCE: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Psychology*		
2. Anthropology		
3. Philosophy		
4. Ethics		
5.		

*Required

F. MATHEMATICS: One course minimum	CREDIT HOURS	TRANSCRIPT REFERENCE
1. Statistics		
2. Algebra		
3. Pre-Calculus		
4. Calculus		
5. Trigonometry		
6. Geometry		
7.		

SUB-TOTAL GENERAL EDUCATION CREDITS: _____

Professional Education

A minimum of 90 semester credits is required in this area.

A. BASIC HEALTH SCIENCE: Must include but not limited to areas 1 – 5.	CREDIT HOURS	TRANSCRIPT REFERENCE	JUSTIFICATION
1. Human Anatomy (Specific to physical therapy)			
2. Human Physiology (Specific to physical therapy)			
3. Neuroscience (Neuroanatomy/ Neurophysiology)			
4. Kinesiology or Functional Anatomy			
5. Pathology			
6.			
7.			

B. MEDICAL SCIENCE: Clinical medicine pertinent to physical therapy. Must include but not limited to areas 1 - 7.	CREDIT HOURS	TRANSCRIPT REFERENCE	JUSTIFICATION
1. Neurology			
2. Orthopedics			
3. Pediatrics			
4. Geriatrics			
5. Cardiopulmonary			
6. Pharmacology			
7. General Medical/Surgical Metabolic Conditions			
8.			
9.			
10.			

C. CLINICAL SCIENCE: Examination & Evaluation Must include but not limited to areas 1a – 5b.	CREDIT HOURS	TRANSCRIPT REFERENCE	JUSTIFICATION
1. Integumentary System			
a. Examination			
b. Evaluation			
2. Musculoskeletal System			
a. Examination			
b. Evaluation			
3. Neuromuscular System			
a. Examination			
b. Evaluation			
4. Cardiopulmonary System			
a. Examination			
b. Evaluation			
5. Metabolic Problems			
a. Examination			
b. Evaluation			

Examination and Evaluation Content Area Summary

Within the credit hours assigned in Clinical Science: Examination & Evaluation above, indicate on the examination and evaluation content area summary below, content for which you found evidence for items 1 - 23.	Present = √ Absent = ∅	Transcript Reference
1. Aerobic capacity		
2. Anthropometric characteristics		
3. Arousal, mentation, and cognition		
4. Assistive and adaptive devices		
5. Community and work (job, school, or play) reintegration		
6. Cranial nerve integrity		
7. Environmental, home, and work barriers		
8. Ergonomics and body mechanics		
9. Gait, assisted locomotion, and balance		
10. Integumentary integrity		
11. Joint integrity and mobility		
12. Motor function		
13. Muscle performance (including strength, power, and endurance)		
14. Neuromotor development and sensory integration		

Within the credit hours assigned in Clinical Science: Examination & Evaluation above, indicate on the examination and evaluation content area summary below, content for which you found evidence for items 1 - 23.	Present = √ Absent = ∅	Transcript Reference
15. Orthotic, protective and supportive devices		
16. Pain		
17. Posture		
18. Prosthetic requirements		
19. Range of motion		
20. Reflex integrity		
21. Self-care and home management (including activities of daily living and instrumental activities of daily living)		
22. Sensory integration (including proprioception and kinesthesia)		
23. Ventilation, respiration, and circulation		
24.		
25.		

Adapted from *Evaluative Criteria for Accreditation of Education Programs for the Preparation of Physical Therapists*. Commission on Accreditation in Physical Therapy Education; 1996; p. 29.

D. CLINICAL SCIENCE: Interventions Must include but not limited to areas 1 – 4.	CREDIT HOURS	TRANSCRIPT REFERENCE	JUSTIFICATION
1. Integumentary Interventions			
2. Musculoskeletal Interventions			
3. Neuromuscular Interventions			
4. Cardiopulmonary Interventions			
5. Physical Agents / Electrotherapy			
6.			

Intervention Content Area Summary

Within the credit hours assigned in Clinical Science: Interventions above, indicate on the intervention content area summary below, content for which you found evidence for items 1-10.	Present = √ Absent = ∅	Transcript Reference
1. Airway clearance techniques		
2. Debridement and wound care		
3. Electrotherapeutic modalities		
4. Functional training in community and work (job, school, or play) reintegration (including instrumental activities of daily living, work hardening, and work conditioning)		

5. Functional training in self-care and home management (including activities of daily living and instrumental activities of daily living)		
6. Manual therapy techniques		
7. Patient-related instruction		
8. Physical agents and mechanical modalities		
9. Prescription, application, and as appropriate, fabrication of assistive, adaptive, orthotic, protective, supportive, and prosthetic devices and equipment		
10. Therapeutic exercise (including aerobic conditioning)		
11.		
12.		

Adapted from *Evaluative Criteria for Accreditation of Education Programs for the Preparation of Physical Therapists*. Commission on Accreditation in Physical Therapy Education; 1996; p. 30.

E. CLINICAL EDUCATION	CREDIT HOURS*	TRANSCRIPT REFERENCE	JUSTIFICATION
Two Clinical Internships, total 800 hours			

Note: Clinical education must include physical therapist-supervised application of physical therapy theory, examination, evaluation, and intervention. The applicant must have a minimum of two full-time clinical internships of no less than 800 hours total that are supervised by a physical therapist.

*Maximum number of full time clinical education credits is 23.

F. RELATED PROFESSIONAL COURSEWORK: Must include but not limited to areas 1 – 12.	CREDIT HOURS	TRANSCRIPT REFERENCE	JUSTIFICATION
1. Professional Behaviors			
2. Administration			
3. Community Health			
4. Research and Clinical Decision Making			
5. Educational Techniques			
6. Medical Terminology			
7. Communication (related to client/patient care)			
8. Legal and Ethical Aspects of Physical Therapy practice			
9. Psychosocial Aspects in Physical Therapy			

Practice			
10. Emergency Procedures			
11. Cultural Competency			
12. Consultation, Screening & Delegation			

SUB-TOTAL PROFESSIONAL EDUCATION CREDITS: _____
(90 minimum)

Academic Institution

Describe the academic level of the educational program and the institution within the context of the country's educational system:
1. Status (recognition/accreditation) within the country's educational system:
2. Entry requirements (secondary education):
3. Degree equivalence (Baccalaureate, Post – Baccalaureate etc.):
4. Other (CAPTE accreditation, etc.):

Summary

Total General Education Credits:	
Total Professional Education Credits (90 Minimum):	
Total Credits (150 Minimum)	

DEFINITIONS

Adequate: Coursework satisfies the requirement that the level of complexity and scope of the content in a course or courses meets established standards necessary for the entry-level degree.

Clinical Education: That portion of a physical therapy program that is conducted in the healthcare environment rather than the academic environment. (*A Normative Model of Physical Therapist Professional Education: Version 2004: p. 159*)

Clinical Sciences: Content includes both diseases that require direct intervention of a physical therapist for management and diseases that affect conditions being managed by physical therapists across systems. (*A Normative Model of Physical Therapist Professional Education: Version 2004; p. 159*)

Clock Hour: Fifty to sixty minutes or as determined by the policy of the institution.

Comments: Validation of transcript references. Identifies specific location within official institutional records where content area(s) may be found. These references may be in the form of educational objectives, listing of course content, course syllabi, test questions or other curricular documents.

Content Area: Component competencies as designated by the *Evaluative Criteria for Accreditation of Educational Programs for the Preparation of Physical Therapists* (Adopted January 2006; Effective July 1, 2009).

Course: A series of study which is taught at the post secondary level, which results in an official transcript of record with assigned grade, a course description and syllabus, and credit that can be verified by the institution. Credit is either assigned by a semester of 15 weeks, plus an exam week, or is converted to semester hours based on 16 weeks of study.

Credit Hour: A semester credit hour must include at a minimum: 15 hours of lecture, or 30 hours of laboratory, or 48 hours of clinical education.

Evaluation: A dynamic process in which the physical therapist makes clinical judgments gathered during the examination (*Guide to Physical Therapist Practice Rev. Second Edition, 2003, APTA*).

Examination: A comprehensive and specific testing process performed by a physical therapist that leads to diagnostic classification or, as appropriate, to a referral to another practitioner. The Examination has three components: the patient/client history, the systems reviews, and tests and measures. (*Guide to Physical Therapist Practice Rev. Second Edition, APTA, 2003*).

Foundational Sciences: Essential content that contributes to the development and understanding of physical therapy to include sciences that can be described as *basic* and *applied* and as *biological*, *physical*, and *behavioral*. (*A Normative Model of Physical Therapist Professional Education: Version 2004, p. 162*)

General Education: General Education constitutes all non-physical therapy education completed, provided these courses were taken at the college level from a recognized educational program. These courses, both pre-professional and post-professional education, may be used to fulfill the core course requirements

Grades: Undergraduate grades must equate to a "C" average in the United States. No failing grades should be accepted. Professional coursework must meet the requirement of a "C" or higher. Credentialing decisions for

conversion of grades or semester credits should follow accepted guidelines as published in acceptable and recognized country codes and "International Reference Guides." This includes, but is not limited to P.I.E.R., NAFSA publications, or AACROA publications.

Intervention: The purposeful interaction of the physical therapist with the patient/client, and, when appropriate, with other individuals involved in patient/client care, using various physical therapy procedures and techniques to produce changes in the condition. (*A Normative Model of Physical Therapist Professional Education: Version 2004*; Page 163)

Standards: Foundational requirements of an established profession; in this case used by FCCPT to determine entry-level professional requirements for physical therapists. In physical therapy, *The Guide to Physical Therapist Practice Second Edition*, *A Normative Model of Physical Therapist Professional Education: Version 2004*, and *Evaluative Criteria for Accreditation of Education Programs for the Preparation of Physical Therapists* serve as resources for setting these requirements.

Substantially Equivalent: The individual has satisfied or exceeded the minimum number of credits required in general and professional education needed for a U.S. first professional degree in physical therapy. Coursework completed may not be identical in all respects to a U.S. first professional degree in physical therapy, but all required content areas are evident. Deficiencies may be noted in coursework, but not in essential areas of professional education nor be of such magnitude that the education is not deemed to be at the entry-level of preparation for practice in the United States.

Transcript Reference: Official documentation from the academic institution of courses completed, grades assigned, and degree conferred in the form of an official transcript. In the exceptional cases where an official transcript does not exist within the institution, an alternative official document may be considered.



FSBPT Coursework Tool For Foreign Educated Physical Therapists

CWT 6

For implementation beginning January 1, 2017

Federation of State Boards of Physical Therapy
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COURSEWORK TOOL 6
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INTRODUCTION

The Coursework Tools for Foreign Educated Physical Therapists (CWT) were developed by the Federation of State Boards of Physical Therapy (FSBPT) in response to the needs of its member jurisdictions for a standardized method to evaluate the educational equivalence of foreign educated physical therapists. Each CWT reflects the minimum general and professional educational requirements for substantial equivalence at the time of graduation with respect to a US first professional degree in physical therapy. Adoption of the tools would allow the same mobility of foreign educated physical therapists as that afforded to US educated graduates. Coursework Tools should not be interpreted as the sole determinant of an individual's educational preparation or competence to practice. CWT 6 is based upon the Commission on Accreditation of Physical Therapy Education (CAPTE) *Evaluative Criteria for PT Programs* August 2014, which will be implemented by FSBPT on January 1, 2017.

The CWT that reflects current standards may be used to determine qualifications for an applicant to sit for the NPTE, for first-time licensure in US jurisdictions and prescreening certification for the United States Citizenship and Immigration Services (USCIS).

Per the following motion passed by the 2014 Delegate Assembly, CWTs that reflect previous standards may be used to determine qualifications for licensure through endorsement of a foreign educated PT or PTA who is already licensed, certified or registered in another US jurisdiction.

DEL-14-02

The credentials of a foreign educated physical therapist (FEPT) who is currently licensed in a jurisdiction, and is seeking licensure through endorsement in another jurisdiction should be evaluated using the version of the FSBPT Coursework Tool retro tool that covers the date the applicant graduated from their respective physical therapy education program.

This process should be used for those seeking licensure through endorsement only. First-time licensure candidates should be evaluated using the current Coursework Tool.

In addition, rescind Delegate Assembly motion DEL-05-10.

They are also designed to be used by credentialing organizations and education programs. In addition, the CWTs may be used as a self-evaluation method to guide foreign educated physical therapists in comparing their education to US standards.

OVERVIEW

Summary

The applicant must meet the requirement of not less than 170 semester credit hours as a prerequisite. The minimum coursework requirements, in and of themselves, do not necessarily satisfy the requirements of the first professional degree. The applicant must have completed sufficient credit to satisfy the requirement for at minimum a post-baccalaureate degree. The applicant must also meet any jurisdiction-specific requirements.

General Education

General education in the areas of communications and humanities, physical science, biological science, social and behavioral science, and mathematics, must be identified. A minimum of a one course must be successfully completed in each area of general education unless otherwise noted.

Note: Some jurisdictions may require a specific number of semester credits. The applicant must meet the specific requirements in the jurisdiction where they are seeking licensure.

1. Communication and Humanities

- | | |
|--|--------------------|
| a. English | e. Native Language |
| b. English composition | f. Literature |
| c. Speech or oral communication | g. Visual Arts |
| d. Foreign language (other than native language) | h. Performing Arts |
| | i. Philosophy |
| | j. Ethics |

2. Physical Science

- Chemistry with laboratory (one course required) *
- Physics with laboratory (one courses required) *
- Geology
- Astronomy

3. Biological Science (General – not core to PT)

- | | |
|---------------|-----------------|
| a. Biology | e. Kinesiology |
| b. Anatomy | f. Neuroscience |
| c. Physiology | |
| d. Zoology | |

4. Social and Behavioral Science

- | | |
|----------------|----------------------|
| a. History | e. Economics |
| b. Geography | f. Political science |
| c. Sociology | g. Religion |
| d. Psychology* | h. Anthropology |

* Required

5. Mathematics

- | | |
|---------------|-------------|
| a. Statistics | d. Calculus |
|---------------|-------------|

- b. Algebra
- c. Pre-calculus
- e. Trigonometry
- f. Geometry
- g. Computer Studies

Professional Education

Ninety semester credits shall be the minimum required in professional education. There should be at least 68 didactic credits and 22 clinical education credits.

1. Basic Health Science

Content is required in each topic listed (a through l) under basic health sciences. The didactic content is basic to the practice of PT practice.

- a. Human anatomy (specific to physical therapy)
- b. Human physiology (specific to physical therapy)
- c. Neuroscience (Neuroanatomy/Neurophysiology)
- d. Kinesiology, functional anatomy or biomechanics
- e. Pathology
- f. Pharmacology
- g. Genetics
- h. Histology
- i. Nutrition
- j. Exercise Science
- k. Psychosocial aspects of health, disability, physical therapy
- l. Diagnostic imaging

2. Medical Science

The competent physical therapist practitioner is cognizant of general medical sciences relevant to healthcare, human function and system interaction. This must include but not be limited to:

- a. Cardiovascular (Including Lymphatic) system
- b. Respiratory system
- c. Endocrine & metabolic systems
- d. Renal, genitourinary systems
- e. Immune system
- f. Integumentary system
- g. Musculoskeletal system
- h. Neurologic system
- i. System interactions
- j. Differential diagnosis
- k. Medical, surgical conditions across the lifespan
 - i. Pediatrics
 - ii. Geriatrics

To prepare a competent physical therapist practitioner, the education must incorporate the essential elements of Examination, Evaluation, and Intervention. Therefore, educational coursework must contain all of the following:

3. Examination

- a. Patient history
- b. Screening of patient
- c. Systems review
- d. Physical exams, tests and measure selection
 - i. Test and measures administration
 - ii. Aerobic capacity/endurance

- iii. Anthropometric characteristics
- iv. Mental functions
- v. Assistive, adaptive devices
- vi. Community work (job, school, or play) reintegration
- vii. Cranial nerve integrity
- viii. Peripheral nerve integrity
- ix. Environmental, home, work barriers
- x. Ergonomics, body mechanics
- xi. Gait
- xii. Integumentary integrity
- xiii. Joint integrity and mobility
- xiv. Mobility (excluding gait)
- xv. Motor function
- xvi. Muscle performance
- xvii. Neuromotor development, sensory processing
- xviii. Pain
- xix. Posture
- xx. Range of motion
- xxi. Reflex integrity
- xxii. Self-care, home management
- xxiii. Sensory integrity
- xxiv. Ventilation, respiration or gas exchange

4. Evaluation

The physical therapist is responsible for the interpretation and analysis of the data collected in the examination of the client/patient. Education must include the following but is not limited to:

- a. Data analysis and evaluation
- b. Patient problem identification
- c. Findings that warrant referral
- d. Prognosis and goal formulation
- e. Plan of care development

5. Plan of Care Implementation

The implementation of treatment interventions is to be included in the educational program for the physical therapist practitioner. This includes the following but is not limited to:

- a. Interventions
 - i. Airway clearance techniques
 - ii. Integumentary repair and protection
 - iii. Wound debridement
 - iv. Electrotherapy
 - v. Physical agents
 - vi. Mechanical agents
 - vii. Community, work, functional training
 - viii. Self-care, home management, functional training
 - ix. Manual therapy techniques (including joint and soft tissue mobilization and massage)
 - x. Patient/client education
 - xi. Prescription, application, and as appropriate, fabrication of assistive, adaptive, orthotic, protective, supportive, and prosthetic devices and equipment
 - xii. Therapeutic exercise
 - xiii. Mobility training
- b. Plan of care management
- c. Supervision of support staff

- d. Outcome assessment
- e. Discharge or discontinuation planning
- f. Patient-related emergency procedures

6. Clinical Education

Clinical education must include physical therapist-supervised application of physical therapy theory, examination, evaluation, and intervention. The applicant must have a minimum of two full-time clinical internships of no less than 900 hours total, which are supervised by a physical therapist. The required and maximum number of full-time clinical education credits is 22. The clinical internships must also show evidence of a variety of patient diagnoses or conditions.

7. Related Professional Coursework

Content is required in the following 12 areas:

- | | | |
|---|--|--|
| a. Professional roles and behaviors | f. Teaching & learning (including educational theory) | k. Teamwork and inter-professional collaboration |
| b. Healthcare Systems, Administration and Management | g. Documentation (all aspects of patient/client management) | l. Cultural competency |
| c. Community health | h. Communication | m. Consultation |
| d. Health promotion and wellness | i. Legal and regulatory aspects of physical therapy practice | |
| e. Clinical Decision Making Processes - Evidence-based Practice and | j. Ethical aspects and values of physical therapy practice | |

EVALUATION CHECKLIST

Name:	Date:
School:	Country:
Degree:	
Reviewing Organization:	
Reviewer(s):	
Signature of Issuing Organization's Authorized Representative:	
Print Name and Title:	

Note for Reviewing Organizations: Please affix official organization seal to the Evaluation Checklist authentication purposes.

General Education

A. Communication and Humanities One course minimum from the category	Credit Hours	Transcript Reference
1. English Language		
2. English Composition		
3. Speech or Oral Communication		
4. Foreign Language		
5. Native Language		
6. Composition of Research Writing		
7. Literature		
8. Visual Arts		
9. Performing Arts		
10. Philosophy		
11. Ethics		

B. Physical Science: One course in chemistry (with laboratory) and one course in physics (with laboratory) are required*.	Credit Hours	Transcript Reference
1. Chemistry (with laboratory)*		
2. Physics (with laboratory)*		
3. Geology		
4. Astronomy		

C. Biological Science: (General - not core to PT) One course minimum	Credit Hours	Transcript Reference
1. Biology		
2. Anatomy		
3. Physiology		
4. Zoology		
5. Kinesiology		
6. Neuroscience		

D. Social and Behavioral Science: Two courses minimum from the category	Credit Hours	Transcript Reference
1. History		
2. Geography		
3. Sociology		
4. Economics		
5. Religion		
6. Political Science		
7. Psychology*		
8. Anthropology		

*Required

E. Mathematics: One course minimum from the category	Credit Hours	Transcript Reference
1. Statistics		
2. Algebra		
3. Pre-Calculus		
4. Calculus		
5. Trigonometry		
6. Geometry		
7. Computer Studies		

SUB-TOTAL GENERAL EDUCATION CREDITS: _____

Professional Education

A minimum of 90 semester credits is required in this area.

A. Basic Health Science: Must include but not limited to areas 1– 12.	Credit Hours	Transcript Reference	Justification
1. Human Anatomy /core to PT			
2. Human Physiology / core to PT			
3. Neuroscience (Neuroanatomy/ Neurophysiology)			
4. Kinesiology, Functional Anatomy, or Biomechanics			
5. Pathology			
6. Pharmacology			
7. Genetics			
8. Histology			
9. Nutrition			
10. Exercise Science			
11. Psychosocial aspects of health, disability, physical therapy			
12. Diagnostic imaging			

Subtotal Basic Health Science			
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B. Medical Science: Must include but not limited to areas 1 – 11b.	Credit Hours	Transcript Reference	Justification
1. Cardiovascular (including Lymphatic)			
2. Respiratory			
3. Endocrine& Metabolic			
4. Renal, Genitourinary			
5. Immune			
6. Integumentary			
7. Musculoskeletal			
8. Neurologic			
9. System Interactions			
10. Differential Diagnosis			
11. Medical, Surgical Conditions across the life span			
11a. Pediatrics			
11b. Geriatrics			
Subtotal Medical Science			

C. Examination: Must include but not limited to areas 1 – 5w.	Credit Hours	Transcript Reference	Justification
1. History			
2. Screening			
3. Systems Review			
4. Physical Exams, Tests, Measures Selection			
5. Tests and Measures Administration:			
a. Aerobic capacity/Endurance			
b. Anthropometric characteristics			
c. Mental Functions			
d. Assistive, adaptive devices			
e. Community, work (job, school, or play) reintegration			
f. Cranial Nerve Integrity			
g. Peripheral Nerve Integrity			
h. Environmental, home, work barriers			
i. Ergonomics, body mechanics			
j. Gait			
k. Integumentary integrity			
l. Joint integrity and mobility			
m. Mobility (excluding gait)			
n. Motor function			
o. Muscle performance			

p. Neuromotor development, sensory processing			
q. Pain			
r. Posture			
s. Range of motion			
t. Reflex integrity			
u. Self-care, home management			
v. Sensory integrity			
w. Ventilation, respiration or gas exchange			
Subtotal Examination			

D. Evaluation: Must include but not limited to areas 1 - 5.	Credit Hours	Transcript Reference	Justification
1. Data Analysis and Evaluation			
2. Patient Problem Identification			
3. Findings that Warrant Referral			
4. Prognosis and Goal Formulation			
5. Plan of Care Development			
Subtotal Evaluation			

E. Plan of Care Implementation: Must include but not limited to areas 1 (1a-m) – 6.	Credit Hours	Transcript Reference	Justification
1. Interventions			
a. Airway clearance techniques			
b. Integumentary Repair & Protection			
c. Wound Debridement			
d. Electrotherapy			
e. Physical Agents			
f. Mechanical Agents			
g. Community, Work Functional Training			
h. Self-Care, Home Management Function Training			
i. Manual therapy techniques (including joint and soft tissue mobilization and massage)			
j. Patient/Client Education			
k. Prescription, application, and as appropriate, fabrication of assistive, adaptive, orthotic, protective, supportive, and prosthetic devices and			

equipment			
l. Therapeutic exercise			
m. Mobility Training			
2. Plan of Care Management			
3. Supervision of Support Staff			
4. Outcome Assessment			
5. Discharge or Discontinuation			
6. Patient-related Emergency Procedures			
Subtotal Plan of Care Implementation			

F. Clinical Education 22 credits required*	Credit Hours	Transcript Reference	Justification

Clinical experiences:	Yes	No	TRANSCRIPT REFERENCE
1. Deliver physical therapy services to patients/clients with a variety of diseases and conditions settings			
2. Occur in at least 2 different types of practice settings			

Note: Clinical education must include physical therapist-supervised application of physical therapy theory, examination, evaluation, and intervention. The applicant must have a minimum of two full-time clinical educational experiences (with a variety of patient populations, diagnoses, and acuity levels) of no less than 900 hours.

*Full time clinical education credits is to be 22 credits.

G. Related Professional Coursework: Must include but not limited to areas 1-13.	Credit Hours	Transcript Reference	Justification
1. Professional Roles and Behaviors			
2. Healthcare Systems, Administration, and Management			
3. Community Health			
4. Health Promotion and Wellness			
5. Clinical Decision Making Processes - Evidence-based Practice and			
6. Teaching and Learning (including educational theory)			
7. Documentation (all aspects of patient/client management)			
8. Communication			
9. Legal and Regulatory Aspects			

of Physical Therapy practice			
10. Ethical Aspects and values of Physical Therapy Practice			
11. Teamwork and Inter-professional Collaboration			
12. Cultural Competency			
13. Consultation			
Subtotal Related Professional Coursework			

SUB-TOTAL PROFESSIONAL EDUCATION CREDITS: _____
(90 minimum)

Academic Institution

Describe the academic level of the educational program and the institution within the context of the country's educational system:
1. Status (recognition/accreditation) within the country's educational system:
2. Entry Requirements (secondary education):
3. Degree Equivalence (Baccalaureate, Post-Baccalaureate etc.)
4. Other (CAPTE accreditation, etc.)

Summary

Total General Education Credits:	
Total Professional Education Didactic Credits (68 Minimum):	
Total Clinical Education Hours (900 Hours required equals 22 credits)	
Total Credits (170 Minimum)	

DEFINITIONS

Adequate: Coursework satisfies the requirement that the level of complexity and scope of the content in a course or courses meets established standards necessary for the entry-level degree.

Clinical Education: That aspect of the professional curriculum during which student learning occurs directly as a function of being immersed within physical therapist practice. These experiences comprise all of the formal and practical “real-life” learning experiences provided for students to apply classroom knowledge, skills, and professional behaviors in the clinical environment. (CAPTE Evaluative Criteria)

Clinical Sciences: Content includes both diseases that require direct intervention of a physical therapist for management and diseases that affect conditions being managed by physical therapists across systems. (*A Normative Model of Physical Therapist Professional Education: Version 2004; p. 159*)

Comments: Validation of transcript references. Identifies specific location within official institutional records where content area(s) may be found. These references may be in the form of educational objectives, listing of course content, course syllabi, test questions or other curricular documents.

Course: A series of study which is taught at the post secondary level, which results in an official transcript of record with assigned grade, a course description and syllabus, and credit that can be verified by the institution. Credit is either assigned by a semester of 15 weeks, plus an exam week, or is converted to semester hours based on 16 weeks of study.

Credit Hour: A semester credit hour must include at a minimum: 15 hours of lecture, or 30 hours of laboratory, or 40 hours of clinical education.

Evaluation: A dynamic process in which the physical therapist makes clinical judgments gathered during the examination (*Guide to Physical Therapist Practice Rev. Second Edition, 2003, APTA*).

Examination: A comprehensive and specific testing process performed by a physical therapist that leads to diagnostic classification or, as appropriate, to a referral to another practitioner. The Examination has three components: the patient/client history, the systems reviews, and tests and measures. (*Guide to Physical Therapist Practice Rev. Second Edition, APTA, 2003*).

General Education: General Education constitutes all non-physical therapy education completed, provided these courses were taken at the post secondary level from a recognized educational program. These courses, both pre-professional and post-professional education, may be used to fulfill the core course requirements

Grades: Undergraduate grades must equate to a “C” average in the United States. No failing grades should be accepted. Professional coursework must meet the requirement of a “C” or higher. Credentialing decisions for conversion of grades or semester credits should follow accepted guidelines as published in acceptable and recognized country codes and “International Reference Guides.” This includes, but is not limited to P.I.E.R., NAFSA publications, or AACROA publications.

Intervention: The purposeful interaction of the physical therapist with the patient/client, and, when appropriate, with other individuals involved in patient/client care, using various physical therapy procedures and techniques to produce changes in the condition. (*A Normative Model of Physical Therapist Professional Education: Version 2004;*

Page 163)

Standards: Foundational requirements of an established profession; in this case used by credentialing agencies to determine entry-level professional requirements for physical therapists. In physical therapy, *The Guide to Physical Therapist Practice Second Edition, A Normative Model of Physical Therapist Professional Education: Version 2004*, and *Evaluative Criteria for PT Programs* serve as resources for setting these requirements.

Substantially Equivalent: The individual has satisfied or exceeded the minimum number of credits required in general and professional education needed for a U.S. first professional degree in physical therapy. Coursework completed may not be identical in all respects to a U.S. first professional degree in physical therapy, but all required content areas are evident. Deficiencies may be noted in coursework, but not in essential areas of professional education nor be of such magnitude that the education is not deemed to be at the entry-level of preparation for practice in the United States.

Transcript Reference: Official documentation from the academic institution of courses completed, grades assigned, and degree conferred in the form of an official transcript. In the exceptional cases where an official transcript does not exist within the institution, an alternative official document may be considered.

State of California

BUSINESS AND PROFESSIONS CODE

Section 2653

2653. An applicant for a license as a physical therapist who has graduated from a physical therapist education program that is not approved by the board and is not located in the United States shall do all of the following:

(a) Furnish documentary evidence satisfactory to the board, that he or she has completed a professional degree in a physical therapist educational program substantially equivalent at the time of his or her graduation to that issued by a board approved physical therapist education program. The professional degree must entitle the applicant to practice as a physical therapist in the country where the diploma was issued. The applicant shall meet the educational requirements set forth in paragraph (2) of subdivision (a) of Section 2650. The board may require an applicant to submit documentation of his or her education to a credentials evaluation service for review and a report to the board.

(b) Demonstrate proficiency in English by achieving a score specified by the board on the Test of English as a Foreign Language administered by the Educational Testing Services or such other examination as may be specified by the board by regulation.

(c) Complete nine months of clinical service in a location approved by the board under the supervision of a physical therapist licensed by a United States jurisdiction, in a manner satisfactory to the board. The applicant shall have passed the written examination required in Section 2636 prior to commencing the period of clinical service. The board shall require the supervising physical therapist to evaluate the applicant and report his or her findings to the board. The board may in its discretion waive all or part of the required clinical service pursuant to guidelines set forth in its regulations. During the period of clinical service, the applicant shall be identified as a physical therapist license applicant. If an applicant fails to complete the required period of clinical service, the board may, for good cause shown, allow the applicant to complete another period of clinical service.

(Repealed and added by Stats. 2013, Ch. 389, Sec. 50. (SB 198) Effective January 1, 2014.)



Physical Therapy Board of California

BUSINESS, CONSUMER SERVICES, AND HOUSING AGENCY - GOVERNOR EDMUND G. BROWN JR.

Physical Therapy Board of California

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Phone: (916) 561-8200 Fax: (916) 263-2560

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Briefing Paper

Date: 9/18/16

Prepared for: PTBC Members

Prepared by: Jason Kaiser

Subject: Sunset Committee's Recommendation on BPC Section 2620.5, specialty certification in Clinical Electrophysiology

Purpose:

To update the Physical Therapy Board of California's (Board) Board Members on the Sunset Committee's Recommendation on BPC Section 2620.5, specialty certification in Clinical Electrophysiology

Background:

Business and Professions Code [§2620.5](#) – This section authorizes the Board to issue a two specialty certifications Electroneuromyography (ENMG) and Kinesiological Electromyography (KEMG) upon proof of training and successful passing of the examination(s).

Analysis:

The ENMG and KEMG examinations are outdated and in need of updating; the cost to update the examination is prohibitive and the number of subject matter experts is extremely limited. There is very little demand for the specialty certifications. There are a total of 16 physical therapists certified in ENMG and 25 certified in KEMG. The PTBC receives 1 to 2 applications per year for the ENMG and KEMG certifications. The American Board of Physical Therapy Specialties (ABPTS) administers a certification and a recertification for Clinical Electrophysiology. Given the Boards current statutory authority, no statutory change is needed, the Board could defer, through regulation, to issuing a specialty certification to qualifying licensees upon receipt of certification in Clinical Electrophysiology from the ABPTS.

Committees Recommendation: Not to pursue as an issue in the Boards Sunset Report.

State of California

BUSINESS AND PROFESSIONS CODE

Section 2620.5

2620.5. A physical therapist may, upon specified authorization of a physician and surgeon, perform tissue penetration for the purpose of evaluating neuromuscular performance as a part of the practice of physical therapy, as defined in Section 2620, provided the physical therapist is certified by the board to perform the tissue penetration and evaluation and provided the physical therapist does not develop or make diagnostic or prognostic interpretations of the data obtained. Any physical therapist who develops or makes a diagnostic or prognostic interpretation of this data is in violation of the Medical Practice Act (Chapter 5 (commencing with Section 2000) of Division 2), and may be subject to all of the sanctions and penalties set forth in that act.

The board, after meeting and conferring with the Division of Licensing of the Medical Board of California, shall do all of the following:

- (a) Adopt standards and procedures for tissue penetration for the purpose of evaluating neuromuscular performance by certified physical therapists.
- (b) Establish standards for physical therapists to perform tissue penetration for the purpose of evaluating neuromuscular performance.
- (c) Certify physical therapists meeting standards established by the board pursuant to this section.

(Added by Stats. 2000, Ch. 427, Sec. 1. Effective January 1, 2001.)



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Briefing Paper

Date: 9/18/16

Prepared for: PTBC Members

Prepared by: Jason Kaiser

Subject: Sunset Committee's Recommendation on BPC Section 2636, modification of the California Law Exam

Purpose:

To update the Physical Therapy Board of California's (Board) Board Members on the Sunset Committee's Recommendation on BPC Section 2636, modification of the California Law Exam

Attachments: 1) [BPC §2636](#)
2) [BPC §139](#)
3) [JAM Presentation](#)

Background:

Business and Professions Code 2636(a)(1) requires the Board to administer an examination to demonstrate an applicant's knowledge of the laws and regulations related to the practice of physical therapy in California. The California Law Exam (CLE) shall reasonably test the applicant's knowledge of these laws and regulations.

Analysis:

Development of the CLE can be a costly and timely process. In order to streamline the development and maintenance of the CLE, staff presented the Board with FSBPT's Jurisprudence Assessment Module (JAM) as a more convenient, efficient and up to date alternative. The JAM is an Online and on-demand multiple choice learning and assessment tool. Due to its online nature, Board Legal Counsel identified that Business and Professions Code 139 may prevent the Board from being able to utilize the JAM due to security, identification and validity concerns.

Committee Recommendation:

The Sunset Committee is unresolved and requires further discussion by the Board.

State of California

BUSINESS AND PROFESSIONS CODE

Section 2636

2636. (a) Except as otherwise provided in this chapter, no person shall receive a license under this chapter without first successfully passing the following examinations, where success is determined based on the examination passing standard set by the board:

(1) An examination under the direction of the board to demonstrate the applicant's knowledge of the laws and regulations related to the practice of physical therapy in California. The examination shall reasonably test the applicant's knowledge of these laws and regulations.

(2) The physical therapy examination for the applicant's licensure category. The examination for licensure as a physical therapist shall test entry-level competence to practice physical therapy. The examination for licensure as a physical therapist assistant shall test entry-level competence to practice as a physical therapist assistant in the technical application of physical therapy services.

(b) An applicant may take the examinations for licensure as a physical therapist or for licensure as a physical therapist assistant after the applicant has met the educational requirements for that particular category of licensure.

(c) The examinations required by the board for a license under this chapter may be conducted by the board or by a public or private organization specified by the board. The examinations may be conducted under a uniform examination system and, for that purpose, the board may make arrangements with organizations furnishing examination materials as may, in its discretion, be desirable.

(Amended by Stats. 2013, Ch. 389, Sec. 34. (SB 198) Effective January 1, 2014.)

State of California

BUSINESS AND PROFESSIONS CODE

Section 139

139. (a) The Legislature finds and declares that occupational analyses and examination validation studies are fundamental components of licensure programs. It is the intent of the Legislature that the policy developed by the department pursuant to subdivision (b) be used by the fiscal, policy, and sunset review committees of the Legislature in their annual reviews of these boards, programs, and bureaus.

(b) Notwithstanding any other provision of law, the department shall develop, in consultation with the boards, programs, bureaus, and divisions under its jurisdiction, and the Osteopathic Medical Board of California and the State Board of Chiropractic Examiners, a policy regarding examination development and validation, and occupational analysis. The department shall finalize and distribute this policy by September 30, 1999, to each of the boards, programs, bureaus, and divisions under its jurisdiction and to the Osteopathic Medical Board of California and the State Board of Chiropractic Examiners. This policy shall be submitted in draft form at least 30 days prior to that date to the appropriate fiscal, policy, and sunset review committees of the Legislature for review. This policy shall address, but shall not be limited to, the following issues:

(1) An appropriate schedule for examination validation and occupational analyses, and circumstances under which more frequent reviews are appropriate.

(2) Minimum requirements for psychometrically sound examination validation, examination development, and occupational analyses, including standards for sufficient number of test items.

(3) Standards for review of state and national examinations.

(4) Setting of passing standards.

(5) Appropriate funding sources for examination validations and occupational analyses.

(6) Conditions under which boards, programs, and bureaus should use internal and external entities to conduct these reviews.

(7) Standards for determining appropriate costs of reviews of different types of examinations, measured in terms of hours required.

(8) Conditions under which it is appropriate to fund permanent and limited term positions within a board, program, or bureau to manage these reviews.

(c) Every regulatory board and bureau, as defined in Section 22, and every program and bureau administered by the department, the Osteopathic Medical Board of California, and the State Board of Chiropractic Examiners, shall submit to the director on or before December 1, 1999, and on or before December 1 of each subsequent year, its method for ensuring that every licensing examination administered by or

pursuant to contract with the board is subject to periodic evaluation. The evaluation shall include (1) a description of the occupational analysis serving as the basis for the examination; (2) sufficient item analysis data to permit a psychometric evaluation of the items; (3) an assessment of the appropriateness of prerequisites for admittance to the examination; and (4) an estimate of the costs and personnel required to perform these functions. The evaluation shall be revised and a new evaluation submitted to the director whenever, in the judgment of the board, program, or bureau, there is a substantial change in the examination or the prerequisites for admittance to the examination.

(d) The evaluation may be conducted by the board, program, or bureau, the Office of Professional Examination Services of the department, the Osteopathic Medical Board of California, or the State Board of Chiropractic Examiners or pursuant to a contract with a qualified private testing firm. A board, program, or bureau that provides for development or administration of a licensing examination pursuant to contract with a public or private entity may rely on an occupational analysis or item analysis conducted by that entity. The department shall compile this information, along with a schedule specifying when examination validations and occupational analyses shall be performed, and submit it to the appropriate fiscal, policy, and sunset review committees of the Legislature by September 30 of each year. It is the intent of the Legislature that the method specified in this report be consistent with the policy developed by the department pursuant to subdivision (b).

(Amended by Stats. 2009, Ch. 307, Sec. 1. (SB 821) Effective January 1, 2010.)

WHAT IS A JAM?

- Online and on-demand multiple choice learning and assessment tool
- Assesses licensees' knowledge of state law under which they practice
- Poses important questions/scenarios essential to practice in compliance with the law
- JAM taker applies knowledge to demonstrate understanding
- Can be used as an initial licensure requirement, a renewal requirement – or both
- Helps member boards meet their ultimate goal of *public protection*

TUTORIAL

Question 1 of 1 Tutorial Time Remaining: 00:59:45

A physical therapy diagnosis should be determined by which of the following individuals?

- 1. Student physical therapist
- 2. Licensed physical therapist assistant
- 3. Physical therapist aide
- 4. Licensed physical therapist

Welcome

Before you begin your assessment, a short tutorial has been provided so that you may familiarize yourself with the style and navigation controls. It will only take a few moments. Please click on the "Next" button in this text box to continue.

ABILITY TO ACCESS REFERENCE DOCUMENTS

Question 1 of 1 Tutorial Tin

Tutorial Reference

Jurisprudence Assessment Module
Title 13
Law and Public Safety
Chapter 39A

SUBCHAPTER 1.
AGENCY ORGANIZATION AND ADMINISTRATION

13:39A-1.1 ELECTION OF OFFICERS
The membership of the State Board of Physical Therapy Examiners shall once each year elect a chairperson, vice chairperson and a secretary. The chairperson shall have the responsibility to conduct all meetings unless, in his or her discretion, a delegation of that responsibility is made. In the absence of the chairperson and an express delegation of responsibility, the vice chairperson shall assume all of the duties of chairperson.

13:39A-1.2 DELEGATION OF AUTHORITY TO ACT ON EMERGENT APPLICATIONS
The chairperson shall be authorized to hear and decide emergent applications by the Attorney General made pursuant to N.J.S.A. 45:1-22 for the temporary suspension of any license. The chairperson may also undertake such other interim action as may be required by circumstances arising prior to the next meeting date of the Board, provided that said action is subsequently presented to the Board for its review and action. Any decision made by the chairperson pursuant to this rule shall be placed on the agenda of the Board at its next regularly scheduled meeting for the purpose of its review. Insofar as it is practicable, the Board shall be provided with a transcript of the record made before the chairperson and the parties will be permitted to supplement the record with written submissions.

13:39A-1.3 FEES AND CHARGES

a. The following fees shall be charged by the State Board of Physical Therapy Examiners:

1. Application Fee for Licensed Physical Therapist and Licensed Physical Therapist

A physical therapy diagnosis should be determined by which of the following individuals?

- 1. Student physical therapist
- 2. Licensed physical therapist assistant
- 3. Physical therapist aide
- 4. Licensed physical therapist

Next

TWO ATTEMPTS AT GETTING THE QUESTION CORRECT

Question 1 of 1	Tutorial	Time
<p>Tutorial Reference</p> <p>13:39A-2.3 AUTHORIZED ROLE OF A LICENSED PHYSICAL THERAPIST ASSISTANT</p> <ul style="list-style-type: none">a. A licensed physical therapist assistant may initiate physical therapy treatment only at the direction of and under the direct supervision of a licensed physical therapist. A licensed physical therapist assistant shall not initiate physical therapy treatment upon the direction of a physician or other authorized health care provider without the direct supervision of a licensed physical therapist.b. A licensed physical therapist assistant shall document treatments in the patient record. The supervising licensed physical therapist shall review and cosign contemporaneously the licensed physical therapist assistant's entries into the patient record.c. The licensed physical therapist assistant may participate in collecting data for the examination of the patient; however, any interpretation of the data or assessment shall be made by the supervising licensed physical therapist.d. A licensed physical therapist assistant shall not perform a physical therapy examination, evaluation, diagnosis or prognosis, develop a plan of care, modify a plan of care, or independently engage in physical therapy instruction, including, but not limited to, the recommendation of assistive devices and modifications of the patient's physical environment. <p>13:39A-2.4 DELEGATION BY A LICENSED PHYSICAL THERAPIST TO UNLICENSED PERSONS</p> <ul style="list-style-type: none">a. Licensed physical therapists may delegate to unlicensed persons routine tasks relating to the cleanliness and maintenance of equipment and the physical plant and the management of the business aspects of the practice and such other assignments with respect to patient care as may be specifically made by the licensed physical therapist, including transporting the patient, positioning of the patient and assisting with the undressing and dressing of the patient.b. A licensed physical therapist shall not authorize or permit an unlicensed person to engage in the following activities:	<p>A physical therapy diagnosis should be determined by which of the following individuals?</p> <ul style="list-style-type: none"><input checked="" type="radio"/> 1. Student physical therapist<input type="radio"/> 2. Licensed physical therapist assistant<input type="radio"/> 3. Physical therapist aide<input type="radio"/> 4. Licensed physical therapist <p>References:</p> <p>13:39A-2.1 DEFINITIONS</p> <p>13:39A-2.3 AUTHORIZED ROLE OF A LICENSED PHYSICAL THERAPIST ASSISTANT</p> <p>13:39A-2.4 DELEGATION BY A LICENSED PHYSICAL THERAPIST TO UNLICENSED PERSONS</p>	

IF ANSWERED INCORRECTLY ON THE SECOND ATTEMPT, THE ITEM IS SCORED AS INCORRECT...

→ 1. Two
Correct Answer

✗ 2. Three

✗ 3. Five

4. Ten

...AND THE RATIONALES APPEAR.

You have answered the question incorrectly. The rationale (explanation for the correct and incorrect answers) and the citations for the relevant section are provided below.

Rationale:

1. The applicant shall submit to the Board evidence of attainment of a passing score on the Test of English as a Foreign Language (TOEFL) or Test of English as a Foreign Language (TOEFL) taken within the two years immediately preceding the filing of the application for licensure in New Jersey.
2. The applicant shall submit to the Board evidence of attainment of a passing score on the Test of English as a Foreign Language (TOEFL) or Test of English as a Foreign Language (TOEFL) taken within the two years immediately preceding the filing of the application for licensure in New Jersey.
3. The applicant shall submit to the Board evidence of attainment of a passing score on the Test of English as a Foreign Language (TOEFL) or Test of English as a Foreign Language (TOEFL) taken within the two years immediately preceding the filing of the application for licensure in New Jersey.
4. The applicant shall submit to the Board evidence of attainment of a passing score on the Test of English as a Foreign Language (TOEFL) or Test of English as a Foreign Language (TOEFL) taken within the two years immediately preceding the filing of the application for licensure in New Jersey.

WHAT JURISDICTIONS ARE JAMming?

- Developed and launched in 2015
 - New Jersey
 - New Hampshire
 - Hawaii
- In development for 2016
 - Georgia (launching July 1)
 - Texas (launching October 1)
 - Oregon (launching Q4)

WHAT JAM MODELS ARE AVAILABLE?

1. Required for all applicants for **initial** licensure
2. Mandatory requirement for **license renewal**
3. Required for all applicants for **initial licensure and mandatory requirement for license renewal**
 - Can offer a model with \$0 fee for initial licensure if required for all renewals
4. Required for all applicants for initial licensure and licensee can choose to complete for CC credit, but not a mandatory renewal requirement
 - Can cover both jurisprudence and ethics content

WANT TO JAM? QUESTIONS TO ASK

- Does our statute permit requiring a JAM for either initial licensure or for renewal?
- If permitted by statute, is a rule/regulation change necessary to implement a JAM requirement?
- What is the true purpose of a jurisprudence requirement? To ensure licensees understand the laws and rules of the jurisdiction where they plan to practice
 - Does the ability for JAM takers to see what they got incorrect with specific references to laws and rules better ensure they understand the practice act?

PLEASE PASS THE JAM

- “Tests enhance later retention more than additional study of the material, even when tests are given without feedback”
- Testing condition: read material 3.4 times and were tested on it repeatedly. Recalled material at a rate of 61% one week later
- Non-testing condition: read the material 14.2 times. Recalled the material at a rate of 40% one week later.

Roediger HL, Karpicke JD. The power of testing memory: basic research and implications for educational practice. Assn Psyc Sci 1:181-210, 2006

JAM DEVELOPMENT PROCESS

- Item Writing Workshop; FSBPT facilitates the entire process
 - Experienced NPTE item writers and one law content expert from the board
- Board hosts on site meeting to review and approve items and forms
- Quality assurance of JAM by FSBPT staff
- “Training” of Board staff
- Launching of product
- FSBPT staff, in partnership with you, monitor statute/rule changes and update JAM, as appropriate

REGISTER FROM FSBPT WEBSITE



The screenshot displays the FSBPT website's navigation and content. At the top, a dark blue navigation bar contains the following menu items: Exam Candidates, Licensees, Members, Educators, Volunteers, and The Public. Below this, a light gray sidebar titled 'Our Services' lists several categories: Candidate Services, Licensee Services, Jurisprudence Assessment Module (JAM) Services (highlighted in green), Hawaii, New Hampshire, New Jersey, and School Reports (for Educators). The main content area features a background image of a silver pen resting on a document with text. The primary heading is 'Jurisprudence Assessment Module (JAM)', followed by the sub-heading 'Quick and easy access'. A paragraph explains that the JAM is a convenient learning opportunity for physical therapist licensure and renewal. Below this, a section titled 'Current Jurisprudence Assessment Modules:' lists three items: Hawaii Jurisprudence Assessment Module (HI JAM), New Hampshire Jurisprudence Assessment Module (NH JAM), and New Jersey Jurisprudence Assessment Module (NJ JAM).

Exam Candidates Licensees Members Educators Volunteers The Public

Our Services

- Candidate Services
- Licensee Services
- Jurisprudence Assessment Module (JAM) Services**
- Hawaii
- New Hampshire
- New Jersey
- School Reports (for Educators)

Jurisprudence Assessment Module (JAM)

Quick and easy access

The FSBPT Jurisprudence Assessment Module is a convenient, easy-to-use learning opportunity for applicants for physical therapist licensure, and for physical therapist and physical therapist assistants renewing their licenses, to meet certain jurisdiction-specific requirements.

Current Jurisprudence Assessment Modules:

- Hawaii Jurisprudence Assessment Module (HI JAM)
- New Hampshire Jurisprudence Assessment Module (NH JAM)
- New Jersey Jurisprudence Assessment Module (NJ JAM)

RESOURCES FOR TAKERS

- Detailed information specific to your jurisdiction's JAM on FSBPT website
 - Example: www.fsbpt.org/JAM/NH
- Recorded demo of JAM for licensees (just ask us for it)
- FSBPT can help you develop licensee communiques
 - Your website
 - Newsletters
 - Other

NEXT STEPS

- Current development capacity allows for 3 new JAMs per year
- Currently identifying potential jurisdictions for 2017
- Can share this information and demo JAM to your board
- If your board is interested in a JAM, contact Jeff Rosa at jrosa@fsbpt.org

QUESTIONS?

Jeff Rosa

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703.299.3100 x239

Heidi Herbst Paakkonen

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Physical Therapy Board of California

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Briefing Paper

Date: 9/18/16

Prepared for: PTBC Members

Prepared by: Brooke Arneson

Subject: Sunset Committee's Recommendation on BPC Section 2689, technical corrections to a cross-reference

Purpose:

To update the Physical Therapy Board of California's (Board) Board Members

Attachments: 1) [BPC §2689](#)
2) [BPC §2644](#)

Background & Analysis:

SB 198 changed BPC §2683 to BPC §2644; however, reference to BPC §2683 still remains in BPC §2689; therefore, it needs to be corrected to reference BPC §2644.

Committee Recommendation:

The Sunset Committee recommends addressing this issue during the Board's Sunset process.

State of California

BUSINESS AND PROFESSIONS CODE

Section 2689

2689. (a) The board may establish by regulation suitable application and renewal fees of not more than two hundred dollars (\$200), for persons certified to perform electromyographical testing pursuant to Section 2620.5, based upon the cost of operating the certification program. The application fee shall be paid by the applicant at the time the application is filed and the renewal fee shall be paid as provided in Section 2683.

(b) The board shall charge an examination and reexamination fee of five hundred dollars (\$500) to applicants who are examined and who have been found to otherwise meet the board's standards for certification.

(Amended by Stats. 1996, Ch. 829, Sec. 68. Effective January 1, 1997.)

State of California

BUSINESS AND PROFESSIONS CODE

Section 2644

2644. (a) Every license issued under this chapter shall expire at 12 a.m. on the last day of the birth month of the licensee during the second year of a two-year term, if not renewed.

(b) To renew an unexpired license, the licensee shall, on or before the date on which it would otherwise expire, apply for renewal on a form prescribed by the board, pay the prescribed renewal fee, and submit proof of the completion of continuing competency required by the board pursuant to Section 2649. The licensee shall disclose on his or her license renewal application any misdemeanor or other criminal offense for which he or she has been found guilty or to which he or she has pleaded guilty or no contest.

(Added by Stats. 2013, Ch. 389, Sec. 41. (SB 198) Effective January 1, 2014.)