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| For Academic Affairs and Research Use Only | |
| CIP Code: |  |
| Degree Code: |  |

**New Course Proposal Form**

**[X] Undergraduate Curriculum Council**

**[ ] Graduate Council**

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| **[X] New Course or [ ]Experimental Course (1-time offering) (Check one box)** |

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval.

Email completed proposals to [curriculum@astate.edu](mailto:curriculum@astate.edu) for inclusion in curriculum committee agenda.

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| Becky Keith, PT, MSHS 12/4/2019 **Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **COPE Chair (if applicable)** |
| Shawn Drake, PT, PhD 2/24/2020 **Department Chair:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Head of Unit (If applicable)** |
| Shanon Brantley, MCD, CCC-SLP 02/26/2020 **College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Undergraduate Curriculum Council Chair** |
| Susan Hanrahan 2/27/2020 **College Dean** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Graduate Curriculum Committee Chair** |
| |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **General Education Committee Chair (If applicable)** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Vice Chancellor for Academic Affairs** |

1. Contact Person (Name, Email Address, Phone Number)

Becky Keith, [beckeith@astate.edu](mailto:beckeith@astate.edu), 972-2896

2. Proposed Starting Term and Bulletin Year

Summer 2020

3. Proposed Course Prefix and Number (Confirm that number chosen has not been used before. For variable credit courses, indicate variable range. *Proposed number for experimental course is 9*. )

PTA 2123

4. Course Title – if title is more than 30 characters (including spaces), provide short title to be used on transcripts. Title cannot have any symbols (e.g. slash, colon, semi-colon, apostrophe, dash, and parenthesis). Please indicate if this course will have variable titles (e.g. independent study, thesis, special topics).

Clinical Kinesiology

5. Brief course description (40 words or fewer) as it should appear in the bulletin.

Principles of musculoskeletal examination of the human body. Components of patient history, systems review, observation and physical examination, goniometry, muscle testing, special tests, palpation, posture and gait analysis are covered. Open only to students admitted to the professional program. Summer

6. Prerequisites and major restrictions. (Indicate all prerequisites. If this course is restricted to a specific major, which major. If a student does not have the prerequisites or does not have the appropriate major, the student will not be allowed to register).

1. No Are there any prerequisites?
   1. If yes, which ones?

Enter text...

* 1. Why or why not?

Course is included in a lock-step program with selective admissions.

1. Yes Is this course restricted to a specific major?
   1. If yes, which major? Physical Therapist Assistant

7. Course frequency(e.g. Fall, Spring, Summer). *Not applicable to Graduate courses.*

Summer

8. Will this course be lecture only, lab only, lecture and lab, activity, dissertation, experiential learning, independent study, internship, performance, practicum, recitation, seminar, special problems, special topics, studio, student exchange, occupational learning credit, or course for fee purpose only (e.g. an exam)? Please choose one.

Lecture and lab

9. What is the grade type (i.e. standard letter, credit/no credit, pass/fail, no grade, developmental, or other [please elaborate])

Standard letter

10. No Is this course dual listed (undergraduate/graduate)?

11. No Is this course cross listed?

*(If it is, all course entries must be identical including course descriptions. Submit appropriate documentation for requested changes. It is important to check the course description of an existing course when adding a new cross listed course.)*

**11.1** – If yes, please list the prefix and course number of cross listed course.

Enter text...

**11.2** – Are these courses offered for equivalent credit?

Please explain. Enter text...

12. No Is this course in support of a new program?

a. If yes, what program?

Enter text...

13. Yes Does this course replace a course being deleted?

a. If yes, what course?

PTA 2126 Movement Science

The content within this 6 credit hour course is now contained within the new courses PTA 2123 and PTA

2353

14. No Will this course be equivalent to a deleted course?

a. If yes, which course?

Enter text...

15. Yes Has it been confirmed that this course number is available for use?

*If no: Contact Registrar’s Office for assistance.*

16. No Does this course affect another program?

If yes, provide confirmation of acceptance/approval of changes from the Dean, Department Head, and/or Program Director whose area this affects.

Enter text...

**Course Details**

17. Outline (The course outline should be topical by weeks and should be sufficient in detail to allow for judgment of the content of the course.)

Week 1 Basic Kinesiology

Week 2 Skeletal & Articular Systems

Week 3 Muscular System

Week 4 Nervous System

Week 5 Biomechanics

Week 6 Principles of Musculoskeletal Assessment

Week 7 The Lower Extremity

Week 8 The Spine

Week 9 The Upper Extremity

Week 10 Posture & Gait

18. Special features (e.g. labs, exhibits, site visitations, etc.)

Labs

19. Department staffing and classroom/lab resources

1 faculty & Graduate assistant with 2 split labs in traditional classroom with therapeutic lab

1. Will this require additional faculty, supplies, etc.?

No

20. No Does this course require course fees?

*If yes: please attach the New Program Tuition and Fees form, which is available from the UCC website.*

**Course Justification**

21. Justification for course being included in program. Must include:

a. Academic rationale and goals for the course (skills or level of knowledge students can be expected to attain)

Topics contained in this course are required by program accrediting agency. Students must demonstrate cognitive and psychomotor competency at the conclusion of this course. This content was previously a component of a 6 credit hour summer course (PTA 2126). Upon assessment of curriculum, student academic and clinical performance, and advisory council input, a weakness was noted in this area. This content is foundational for other courses in the curriculum. Following faculty discussion, the decision to separate this specific content into a single course was made. The desired result is an increase in student academic and clinical performance as well as successful completion of licensure exam following graduation.

b. How does the course fit with the mission established by the department for the curriculum? If course is mandated by an accrediting or certifying agency, include the directive.

This course meets accreditation curricular requirements of the Commission on Accreditation in Physical Therapy Education (CAPTE) as stated below: 7D Courses within the curriculum include content designed to prepare program students to:

7D24g Demonstrate competence in performing components of data collection skills essential for carrying out the plan of care by administering appropriate tests & measures (before, during & after interventions) for joint integrity & mobility, muscle performance, posture, & range of motion;

7D24h Measure muscle strength by manual muscle testing of the upper extremities, lower extremities and spine;

7D24h Observe the presence or absence of muscle mass of the upper extremities, lower extremities and spine;

7D24h Recognize normal & abnormal muscle length of the upper extremities, lower extremities and spine;

7D24h Recognize changes in muscle tone of the upper extremities, lower extremities and spine;

7D24k Determine normal & abnormal alignment of trunk & extremities at rest & during activities;

7D24k Measure functional range of motion & measure range of motion using an appropriate measurement device of the upper extremities, lower extremities and spine

c. Student population served.

Physical Therapist Assistant Students

d. Rationale for the level of the course (lower, upper, or graduate).

This course is a part of a 1-year PTA professional curriculum following 1year of prerequisite courses resulting in an associate of applied science degree.

**Assessment**

**Relationship with Current Program-Level Assessment Process**

22. What is/are the intended program-level learning outcome/s for students enrolled in this course? Where will this course fit into an already existing program assessment process?

7D24 Students will demonstrate competence in performing components of data collection skills essential for carrying out the plan of care by administering appropriate tests and measures (before, during and after interventions).

23. Considering the indicated program-level learning outcome/s (from question #23), please fill out the following table to show how and where this course fits into the program’s continuous improvement assessment process.

*For further assistance, please see the ‘Expanded Instructions’ document available on the UCC - Forms website for guidance, or contact the Office of Assessment at 870-972-2989.*

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| **Program-Level Outcome 1 (from question #23)** | Students will demonstrate competence in performing components of data collection skills essential for carrying out the plan of care by administering appropriate tests and measures (before, during and after interventions). |
| Assessment Measure | 7D24g (written exam & lab practical exam)  7D24h (written exam & lab practical exam)  7D24k (written exam & lab practical exam)  Students must score at least 75% on all course exams including final examination and final lab practical |
| Assessment  Timetable | Summer for course and annually (spring) for program |
| Who is responsible for assessing and reporting on the results? | PTA Course Faculty |

**Course-Level Outcomes**

24. What are the course-level outcomes for students enrolled in this course and the associated assessment measures?

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| **Outcome 1** | Students will demonstrate clinical competence in patient care specifically in the areas of joint integrity & mobility, muscle performance, posture and range of motion |
| Which learning activities are responsible for this outcome? | Lecture; Laboratory Practice |
| Assessment Measure | Students will demonstrate competence in all skill check-offs; Students will score 75% or higher on all written exams and final comprehensive laboratory practical exam |

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| **Outcome 2** | Students will demonstrate clinical competence in patient care specifically in the areas of muscle strength of the upper extremities, lower extremities and spine. |
| Which learning activities are responsible for this outcome? | Lecture; Laboratory Practice |
| Assessment Measure | Students will demonstrate competence in all skill check-offs; Students will score 75% or higher on all written exams and final comprehensive laboratory practical exam |

**Bulletin Changes**

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| **Instructions** |
| **Please visit** [**http://www.astate.edu/a/registrar/students/bulletins/index.dot**](http://www.astate.edu/a/registrar/students/bulletins/index.dot) **and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Follow the following guidelines for indicating necessary changes.**  **\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.**  - Deleted courses/credit hours should be marked with a red strike-through (~~red strikethrough~~)  - New credit hours and text changes should be listed in blue using enlarged font (blue using enlarged font).  - Any new courses should be listed in blue bold italics using enlarged font (***blue bold italics using enlarged font***)  *You can easily apply any of these changes by selecting the example text in the instructions above, double-clicking the ‘format painter’ icon , and selecting the text you would like to apply the change to.*  *Please visit* [*https://youtu.be/yjdL2n4lZm4*](https://youtu.be/yjdL2n4lZm4) *for more detailed instructions.* |

(Undergrad Bulletin, p 370)

**Major in Physical Therapist Assistant**

**Associate of Applied Science**

A complete degree plan is available [at https://www.astate.edu/info/academics/degrees/](http://www.astate.edu/info/academics/degrees/)

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| **University Requirements:** |  |
| See University General Requirements for Associate degrees (p. 43) |  |
| **First Year Making Connections Course:** | **Sem. Hrs.** |
| PTA 1013, Making Connections in Rehab Services | **3** |
| **General Education Requirements:** | **Sem. Hrs.** |
| See General Education Curriculum for Associate of Applied Science Degrees (p. 80)  **Students with this major must take the following:**  *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite BIO 2203* ***AND*** *2201, Human Anatomy and Physiology I and Laboratory*  *PSY 2013, Introduction to Psychology (replaces Computer Fundamental requirement)* | **19** |
| **Required Support Courses:** | **Sem. Hrs.** |
| PHYS 2054, General Physics I (may have a prerequisite) **OR**  PHYS 2133, Survey of Physics for Health Professions | **3-4** |
| **Major Requirements:** | **Sem. Hrs.** |
| PTA 2116, Patient Care Fundamentals | 6 |
| ***PTA 2123, Clinical Kinesiology*** | ***3*** |
| PTA 2126, Movement Science | 6 |
| PTA 2213, Musculoskeletal PT | 3 |
| PTA 2223, Physical Agents and Massage | 3 |
| PTA 2233, Neuromuscular PT I | 3 |
| PTA 2252, Clinical Education I | 2 |
| PTA 2263, Pathophysiological Conditions | 3 |
| PTA 2303, Neuromuscular PT II | 3 |
| PTA 2323, Seminar | 3 |
| PTA 2333, Clinical Education II | 3 |
| PTA 2343, Clinical Education III | 3 |
| **Sub-total** | **38** |
| **Total Required Hours:** | **63-64** |

(Undergrad Bulletin, p 543)

**Physical Therapist Assistant (PTA)**

**PTA 1013. Making Connections in Rehab Services** Introduction to the nature of university education and orientation to the functions and resources of the university. This section is designed for students preparing for physical therapist assistant or occupational therapist assistant professional education with a focus on the professions of physical and occupational therapy. Fall, Spring.

**PTA 2116. Patient Care Fundamentals** Introduction to fundamentals of physical therapy patient care. PTA courses are only open to students admitted to the professional program. Summer.

***PTA 2123. Clinical Kinesiology Principles of musculoskeletal examination of the human body. Components of patient history, systems review, observation and physical examination, goniometry, muscle testing, special tests, palpation, posture and gait analysis are covered. Open only to students admitted to the professional program. Summer.***

**PTA 2126. Movement Science** Introduction to basic principles of musculoskeletal examination and evaluation of the human body. Students learn components of a patient history, systems review, observation and physical examination. Goniometry, muscle testing, sensory and reflex testing, functional assessment, special tests, palpation, posture analysis and gait analysis are covered. PTA courses are only open to students admitted to the professional program. Summer.

**PTA 2213. Musculoskeletal Physical Therapy** Students review passive, active and active assistive range of motion skills. Resistance exercise and the use of exercise equipment are practiced. Stretching and joint mobilization for specific diagnoses that are appropriate for the PTA to perform are practiced. PTA courses are only open to students admitted to the professional program. Fall.

**PTA 2223. Physical Agents and Massage** Basic principles and techniques of massage and application of modalities are presented. An investigation into the risk factors and pathophysiological considerations associated with integumentary diseases and conditions as well as aseptic technique and universal precautions is provided. PTA courses are only open to students admitted to the professional program. Fall.

**PTA 2233. Neuromuscular Physical Therapy I** Covers foundational science and theory behind the physical therapy management of patients with neuromuscular conditions. PTA courses are only open to students admitted to the professional program. Fall.

**PTA 2252. Clinical Education I** Five weeks of full time affiliation at one facility working under the supervision of an on site clinical instructor. Students integrate knowledge of basic sciences and interventions to practice treatment techniques in the clinical setting. Forty hours per week. PTA courses are only open to students admitted to the professional program. Fall.

**PTA 2263. Pathophysiological Conditions** Review of cardiopulmonary anatomy and physiology and other physiological conditions such as gastrointestinal, metabolic/endocrine, and multi-system pathologies. Includes physical therapy assessment and rehabilitation of patients with pathophysi- ological disorders frequently seen by physical therapy in the clinical setting. Fall.

**PTA 2303. Neuromuscular Physical Therapy II** Covers common interventions used in the physical therapy management of patients with neuromuscular conditions. PTA courses are only open to students admitted to the professional program. Spring.

**PTA 2323. Seminar** Introduction to principles of administration, teaching and learning, and evidence based practice as they apply to physical therapy practice. Social responsibility, career development and lifelong learning are also discussed. PTA courses are only open to students admitted to the professional program. Spring.

**PTA 2333. Clinical Education II** Five weeks of full time affiliation at one facility working under the supervision of an on site clinical instructor. Students integrate knowledge of basic sciences and interventions to practice treatment techniques in the clinical setting. Forty hours per week. PTA courses are only open to students admitted to the professional program. Spring.