Code # NHP01 (2014)

**Bulletin Change Transmittal Form**

**Undergraduate Curriculum Council** - Print 1 copy for signatures and save 1 electronic copy.

**Graduate Council** - Print 1 copy for signatures and send 1 electronic copy to [mmcginnis@astate.edu](mailto:mmcginnis@astate.edu)

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| **Bulletin Change** Please attach a copy of all catalogue pages requiring editorial changes. |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **COPE Chair (if applicable)** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **Department Chair:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **General Education Committee Chair (If applicable)** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Undergraduate Curriculum Council Chair** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **College Dean** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Graduate Curriculum Committee Chair** |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Vice Chancellor for Academic Affairs** |

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

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**2.Proposed Change**

Change PTA 1013 Making Connections in Physical Therapy to PTA 1013 Concepts in Rehab Services

**3.Effective Date**

10/1/2014

**4.Justification**

With the impending occupational therapist assistant program (COTA) beginning in the near future, a first year experience course will be required for that program. To mirror the close clinical working relationship of COTAs and physical therapist assistants (PTAs) and to implement inter-professional educational opportunities, the PTA and COTA students will take this course together to fulfill one of the prerequisites for both programs. In addition, students wishing to pursue a PTA or COTA degree must complete this discipline specific FYE course. Changing the name from “making connections” to “concepts” will decrease the confusion between this course and all other Making Connections courses.

**From the most current electronic version of the bulletin, copy all bulletin pages that this proposal affects and paste it to the end of this proposal.**

**To copy from the bulletin:**

1. Minimize this form.
2. Go to <http://registrar.astate.edu/bulletin.htm> and choose either undergraduate or graduate.
3. This will take you to a list of the bulletins by year, please open the most current bulletin.
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7. Minimize the bulletin and maximize this page.
8. Right-click immediately below this area and choose “paste”.
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**Major in Physical Therapist Assistant**

**Associate of Applied Science**

A complete degree plan is available at http://registrar.astate.edu/.

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| **University Requirements:** | |
| See University General Requirements for Associate degrees (p. 40) | |
| **First Year Making Connections Course:** | **Sem. Hrs.** |
| PTA 1013~~, Making Connections in Physical Therapy~~ Concepts in Rehab Services | **3** |
| **General Education Requirements:** | **Sem. Hrs.** |
| *ENG 1003, Composition I*  *ENG 1013, Composition II*  *MATH 1023, College Algebra or higher level math course*  *HIST 2763, The United States To 1876* ***OR***  *HIST 2773, The United States Since 1876* ***OR***  *POSC 2103, Introduction to United States Government*  *CS 1013, Introduction to Computers* ***OR***  *CIT 1503, Microcomputer Applications* | **15** |
| **Required Support Courses:** | **Sem. Hrs.** |
| BIO 2203 **AND** 2201, Human Anatomy and Physiology I and Laboratory | 4 |
| PHYS 2133, Survey of Physics for Health Professions **OR**  PHYS 2054, General Physics I (may have a prerequisite) | 3-4 |
| **Sub-total** | **7-8** |
| **Major Requirements:** | **Sem. Hrs.** |
| PTA 2116, Patient Care Fundamentals | 6 |
| 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** |

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**DEPARTMENT OF PHYSICAL THERAPY**

**Physical Therapy (PT)**

**PT 400V. Independent Study in Physical Therapy** Guided investigation of a topic related to physical therapy selected in consultation with a member of the Physical Therapy faculty. May be repeated for different topics for a total of 6 semester credits. Prerequisite, Approval of the Program Director. Demand.

**PT 4103. Research Methods in Physical Therapy** An introduction to the processes involved in research related to the field of physical therapy. Special emphasis is placed on the application of concepts of measurement, the design of research techniques and methods, for the preparation of the research proposal. Methods of data analysis will also be discussed. Prerequisite, STAT 3233. Fall, Spring.

**Physical Therapist Assistant (PTA)**

**PTA 1013. ~~Making Connections in Physical Therapy~~ Concepts 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 ~~and appropriate medical terminology~~. 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 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 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 pathophysi­ological disorders frequently seen by physical therapy in the clinical setting. 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.

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