

COLLEGE: North Central State College
 HIGH SCHOOL(S): Pioneer Career and Technology Center
Shelby Ohio

CLUSTER: Health Science
 PATHWAY: Health Science - Physical Therapist Assistant
 PROGRAM: Exercise Science/Sports Medicine

| | GRADE | ENGLISH | MATH | SCIENCE | SOCIAL STUDIES | Required Elective | REQUIRED COURSES | | | |
|---------------|--------------------|---|---|--|---|---|---|-------------|--|--|
| | | | | | | | RECOMMENDED ELECTIVE COURSES | | OTHER ELECTIVE COURSES | |
| | | | | | | | CAREER AND TECHNICAL EDUCATION COURSES | | | |
| SECONDARY | 9 | English I (1) | Integrated Algebra & Geometry or Algebra II (1) | Biology or Physical Science I (1) | World History (1) | Health and Physical Education (1) | Elective (2) | | | |
| | 10 | English II (1) | Geometry or Algebra II (1) | Physical Science (1) | American History (1) | Physical Education & Elective (1) | Elective (2) | | | |
| | 11 | English III (1) | Algebra II or Geometry or Trigonometry (1) | High School Chemistry for CHE 100 (4) | N/A | Anatomy and Physiology I (1) BIO-121 | Exercise Science/sport Medicine Lab (2) | PHI-160 (2) | MAS 120 (1) (CPR) Required for admission | |
| | 12 | English IV (1) | College Math or Pre-Calculus (1) | N/A | Government (.5) and Economics (.5) (1) | Anatomy and Physiology II (1) BIO 122 | Exercise Science/Sport Medicine Lab (2) | SCI-115 (2) | BIO 101 (3) BIO-107 (3) | |
| POSTSECONDARY | Year 1 1st Quarter | Basic Composition Eng 101 or ENG 102-Honors (3) | PHY 114 Physics (4) | Orientation to College FYE 101 (1) | Intro to Physical Therapy PTA 100 (3) | Medical Terminology SCI 115 (2) | | | | |
| | Year 1 2nd Quarter | English 114 (3) | Physical Therapy Agents I PTA 110 (4) | Human Anatomy & Physiology I BIO 145 (5) | Anatomy and Physiology Bridge BIO 149 | NOTE: Successful completion of BIO 121 & BIO 122 in high school, along with successful completion of BIO 149 in college-- the student will have completed requirements for BIO 145, 146, and 147 in this degree | | | | |
| | Year 1 3rd Quarter | Physical Therapy Procedures II PTA 111 (4) | Kinesiology and Biomechanics PTA 150 (4) | Human Anatomy & Physiology II BIO 146 (5) | | CHE-100, SCI-115, BIO-101 and BIO-107 course content Articulate to NC State College but are not included in Physical Therapy major. These credits can be used for other Health Science pathways. | | | | |
| | Year 1 4th Quarter | Physical Therapy Agents II PTA 111 (4) | Human Anatomy & Physiology III BIO 147 (4) | Human Growth & Development PSY 130 (5) | Legal Aspects of Health Care PHI 160 (2) | | | | | |
| | Year 2 1st Quarter | Speech SPE 101 (3) | Therapeutic Exercises I PTA 200 (4) | Clinical Conditions I PTA 210 (3) | Physical Therapy Practicum I PTA 235 (1) | Trends and Management PTA 260 (3) | | | | |
| | Year 2 2nd Quarter | Intro to Psychology PSY 110 (3) | Therapeutic Exercises II PTA 201 (4) | Clinical Conditions II PTA 211 (3) | Physical Therapy Practicum II PTA 245 (2) | Practicum Seminar I & II PTA 247 (2) | | | | |
| | Year 2 3rd Quarter | Advanced Composition ENG 201 (3) | Clinical Conditions III PTA 212 (3) | Physical Therapy Practicum III PTA 255 (3) | Practicum Seminar III PTA 257 (2) | Physical Therapy Special Topics PTA 290 (2) | | | | |
| | Year 2 4th Quarter | PTA 265 Physical Therapy Directed Practice (6) | PTA 267 Directed Practice Seminar (1) | PTA 270 Physical Therapy Seminar (2) | Humanize Social Studies Elective (3) | | | | | |

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Updated: 5/8/09

& High School Anatomy and Physiology I & II are articulated for college BIO-121 and BIO-122