# NORTH CENTRAL STATE COLLEGE

**Respiratory Care 2015-2016**

| FALL | | | | YEAR ONE |
|---|---|---|---|---|
| Complete | Course Number | Course Title | Prerequisites | Credits |
| | BIOL 1730 | Basic Anatomy & Physiology I | WRIT 0090 and READ 0080 * | 4 |
| | CHEM 1030 | Chemistry | High School Chemistry (minimum grade of C-) or CHEM 1010 (minimum grade of C-) or ENGR 2800 (minimum grade of C-) within the last five years, MATH 0074 (minimum grade C-) or COMPASS score of ≥61 and Algebra score of ≥31 | 3 |
| | RESP 1110 | Resp Care Equip/Procedure I | Program admission/acceptance, successful completion of Developmental Education courses, BIOL 1730c, ENGL 1010c, RESP 1130m, RESP 1190m | 5 |
| | RESP 1130 | Pharmacology | MATH 0074 (minimum grade of C-) or COMPASS Math score of ≥61 and Algebra score of ≥31 or ACT math score of ≥21, CHEM 1030c, RESP 1110c | 3 |
| | RESP 1190 | Practicum I | RESP 1110m | 0.5 |
| | | | **Semester Credit Hours** | **15.5** |

| SPRING | | | | YEAR ONE |
|---|---|---|---|---|
| Complete | Course Number | Course Title | Prerequisites | Credits |
| | ENGL 1010 | English Composition I | WRIT 0090 and READ 0080 * | 3 |
| | RESP 1210 | Resp Care Equip/Procedure II | RESP 1110, RESP 1190, RESP 1270m, RESP 1290m | 4 |
| | RESP 1250 | Cardiopulmonary Anatomy & Physiology | BIOL 1730, RESP 1110, RESP 1130, RESP 1190, RESP 1210c, RESP 1270c | 4 |
| | RESP 1270 | Physician's Seminar I | RESP 1110, RESP 1130, RESP 1190, RESP 1290m, RESP 1210c, RESP 1250c | 2 |
| | RESP 1290 | Practicum II | RESP 1110, RESP 1190, RESP 1210c, RESP 1250c, RESP 1270c | 2.5 |
| | | | **Semester Credit Hours** | **15.5** |

| SUMMER | | | | YEAR ONE |
|---|---|---|---|---|
| Complete | Course Number | Course Title | Prerequisites | Credits |
| | STAT 1010 | Probability and Statistics | MATH 0086 or higher (minimum grade of C-) or COMPASS Algebra score of ≥65 or ACT math score of ≥22 or STAT0086c or departmental permission | 3 |
| | RESP 2310 | Resp Care Equip/Procedure III | RESP 1210, RESP 2330c, RESP 2390c | 2 |
| | RESP 2330 | Advanced Life Support Proc | Health Care Provider CPR Certification | 1 |
| | RESP 2390 | Practicum III | RESP 1210, RESP 1290, RESP 2310c, RESP 2330c | 2.5 |
| | | | **Semester Credit Hours** | **8.5** |

| FALL | | | | YEAR TWO |
|---|---|---|---|---|
| Complete | Course Number | Course Title | Prerequisites | Credits |
| | BIOL 1550 | Microbiology | | 3 |
| | RESP 2410 | Resp Care Equip/Procedure IV | RESP 2310, RESP 2390, RESP 2470c, RESP 2490c | 3 |
| | RESP 2470 | Physician's Seminar II | RESP 2310, RESP 2330, RESP 2390, RESP 2490c, RESP 2410c | 2 |
| | RESP 2490 | Practicum IV | RESP 2310, RESP 2330, RESP 2390, RESP 2410c, RESP 2470c | 2.5 |
| | COMM 1010 | Speech | | 3 |
| | | | **Semester Credit Hours** | **13.5** |

| SPRING | | | | YEAR TWO |
|---|---|---|---|---|
| Complete | Course Number | Course Title | Prerequisites | Credits |
| | _____ | Humanities Elective | | 3 |
| | _____ | Social Science Elective | | 3 |
| | RESP 2570 | Respiratory Care Administration | RESP 2599c | 2 |
| | RESP 2590 | Practicum V | RESP 2410, RESP 2490, RESP 2599c | 2.5 |
| | RESP 2599 | Respiratory Therapy Review | RESP 2590c | 1.5 |
| | | | **Semester Credit Hours** | **12** |
| | | | **TOTAL SEMESTER HOURS** | **65** |

c = Can be concurrent m = Must be concurrent

Respiratory Care Curriculum Worksheet

The RESPIRATORY CARE program is five semesters and contains a sequence of clinical classes that begins in the fall semester each year. Entrance into this clinical sequence is limited to students who have successfully completed the entrance requirements. Copies of the entrance requirements are available from the Admissions Office. An acceptable Bureau of Criminal Identification and Investigation (BCI&I) report/FBI background check and drug screening are required in order to enter the clinical sequence. Students may begin non-RESP courses any semester. A minimum grade of 77% is required in BIOL 1730, BIOL 1550, CHEM 1030, ENGL 1030, MATH 1030, and all RESP classes in order to meet prerequisite and graduation requirements.

## HUMANITIES ELECTIVES

| Complete | Course Number | Course Title | Prerequisites | Credits |
|---|---|---|---|---|
| | ARTS 1030 | Art Appreciation | | 3 |
| | HIST 1010 | American Culture & History to 1877 | | 3 |
| | HIST 1030 | American Culture & History from 1877 | | 3 |
| | HIST 1050 | Western Civilization I | | 3 |
| | HIST 1070 | Western Civilization II | | 3 |
| | HUMA 1010 | Introduction to Humanities | READ 0080 ^ | 3 |
| | HUMA 1030 | Leadership & the Classics | | 3 |
| | HUMA 2999 | Special Topics in Humanities | | 3 |
| | MUSC 1010 | Music Appreciation | | 3 |
| | PHIL 1010 | Western Philosophy | | 3 |
| | PHIL 1030 | Philosophy of Religion | | 3 |
| | PHIL 1050 | American Philosophy | | 3 |
| | PHIL 1070 | Science, Art & Literature | | 3 |
| | PHIL 1090 | The History of the Future | | 3 |
| | PHIL 1110 | Ethics | | 3 |
| | PHIL 1130 | Philosophy & Science | | 3 |
| | PHIL 1170 | Eastern Philosophy | | 3 |
| | PHIL 2999 | Special Topics in Philosophy | | 3 |
| | THEA 1010 | Intro To Theatre | | 3 |

## SOCIAL SCIENCES ELECTIVES

| Complete | Course Number | Course Title | Prerequisites | Credits |
|---|---|---|---|---|
| | COMM 2010 | Group Communication | | 3 |
| | COMM 2030 | Interpersonal Communication | | 3 |
| | COMM 2250 | Interviewing | | 3 |
| | COMM 2999 | Special Topics in Communication | TBD | 1 to 6 |
| | ECON1010 | Intro to Economics | | 3 |
| | POLT 1010 | American Politics and Issues | | 3 |
| | PSYC 1010 | Introduction to Psychology | | 3 |
| | PSYC 1070 | Intro to Women's Studies | | 3 |
| | PSYC 1090 | Death & Dying | | 3 |
| | PSYC 2010 | Human Growth & Development | PSYC 1010 | 3 |
| | PSYC 2030 | Child Psychology | PSYC 1010 | 3 |
| | PSYC 2050 | Abnormal Psychology | | 3 |
| | PSYC 2070 | Human Sexuality | | 3 |
| | PSYC 2090 | Social Psychology | PSYC 1010 | 3 |
| | PSYC 2100 | Personality Theory | PSYC 1010 | 3 |
| | PSYC 2150 | Educational Psychology | PSYC 1010 | 3 |
| | PSYC 2170 | Forensic Psychology | PSYC 1010 | 3 |
| | PSYC 2999 | Special Topics in Psychology | TBD | 1 to 6 |
| | SOCY 1010 | Introduction to Sociology | | 3 |
| | SOCY 2010 | Cultural Diversity and Racism | | 3 |
| | SOCY 2030 | Marriage and Family | | 3 |
| | SOCY 2999 | Special Topics in Sociology | TBD | 1 to 6 |

c = Can be concurrent m = Must be concurrent

* COMPASS Writing ≥81 or 69-80 plus eWrite of 6 or ACT English ≥22 or 18-21 plus eWrite of 6 or WRIT 0090 **and** COMPASS Reading ≥80 or READ 0080

** Mandatory Math Placement - All incoming students will be required to take the COMPASS placement test and based on their COMPASS scores, students will be placed in appropriate mathematics courses. Successful completion (C- or better) of any math course is required in order to advance to the next higher level math course.

~ Prior to graduation, all students entering after Summer 2008, must receive credit for MATH 0074 Introduction to Algebra, or any math course above MATH 0074 or a COMPASS Algebra score of ≥31, or an ACT Math score ≥21.

^ Placement in WRIT 0090 or higher; students placed in READ 0080 cannot enroll in HUMA1010 until they have completed their reading course.

The College strongly recommends that students be covered by hospitalization insurance, which can be purchased through a private carrier. To obtain a brochure regarding insurance, contact the Student Success Center. (Rm 103 Kee Hall) or call toll free 888-755-4899, ext. 4761 or locally 419-755-4761.

**Beginning Academic Year 14/15 FYEX 0050 SUCCESS! is required for all students new to North Central State College. Placement in the course is determined at the time of study skills assessment testing.**

Reviewed for 15/16 Revised 6-10-15