

**THE UNIVERSITY OF AKRON
AKRON OHIO
SUMMIT COLLEGE**

**2790
RESPIRATORY THERAPY
Bachelor of Science Degree**

FIRST YEAR**Fall Semester**

| | | <u>Credit Hours</u> | <u>Prerequisites</u> |
|----------|--|---------------------|----------------------|
| 2020:121 | English | 4 | |
| 2030:161 | Math for Modern Technology | 4 | |
| 2040:242 | American Urban Society | 3 | |
| 3150:110 | Intro to General, Organic & Biochemistry | 3 | |
| 3150:111 | Intro to General, Organic & Biochemistry (lab) | <u>1</u> | |
| | Subtotal | 15 | |

Spring Semester

| | | | |
|----------|---|----------|----------|
| 2020:222 | Technical Report Writing, OR | 3 | 2020:121 |
| 3300:112 | English Composition II | 3 | 3300:111 |
| 2040:240 | Human Relations | 3 | |
| 2740:120 | Medical Terminology | 3 | |
| 2040:256 | Diversity in American Society | 2 | 2020:121 |
| 2790:100 | Concepts in Respiratory Therapy | 3 | 2030:161 |
| xxxx:xxx | Physical Education (general education req.) | <u>1</u> | |
| | Subtotal | 15 | |

SECOND YEAR**Fall Semester**

| | | | |
|----------|--|----------|-------------------|
| 2780:106 | Anatomy & Physiology for Allied Health I, <u>OR</u> | 3 | |
| 3100:200 | Human Anatomy & Physiology I, <u>AND</u> | 3 | |
| 3100:201 | Human Anatomy & Physiology Laboratory I | 1 | |
| 3100:130 | Principles of Microbiology | 3 | |
| 3400:210 | Humanities in the Western Tradition I | 4 | 32 hrs., 3300:112 |
| xxxx:xxx | Area Studies (general education req.) | 2 | |
| 7600:106 | Effective Oral Communication | <u>3</u> | |
| | Subtotal | 15/16 | |

Spring Semester

| | | | |
|----------|---|----------|--|
| 2780:107 | Anatomy & Physiology for Allied Health II, <u>OR</u> | 3 | 2780:106 |
| 3100:202 | Human Anatomy & Physiology II, <u>AND</u> | 3 | 3100:200 |
| 3100:203 | Human Anatomy & Physiology Laboratory II | 1 | |
| 2790:210 | Respiratory Therapy Procedures I (lab) | 3 | 2790:100, 2740:120, 2780:106 or 3100:200, 201 |
| 2790:215 | Respiratory Therapy Pharmacology | 3 | 2790:100 |
| 3600:120 | Introduction to Ethics | 3 | |
| xxxx:xxx | Humanities (general education req.) | <u>3</u> | |
| | Subtotal | 15/16 | |

THIRD YEAR

| | | <u>Credit Hours</u> | <u>Prerequisites</u> |
|-------------------------------|---|---------------------|---------------------------------------|
| <u>Fall Semester</u> | | | |
| 2790:301 | Cardiopulmonary Assessment Techniques (lab) | 2 | 2790:210 |
| 2790:302 | Cardiopulmonary Anatomy & Physiology | 3 | 2790:210, 2780:107 or 3100:202,203 |
| 2790:340 | Application of Clinical Concepts | 2 | 2790:210, coreq. 2790:301 |
| 2790:311 | Respiratory Therapy Procedures II (lab) | 3 | 2790:210, 2780:107 or 3100:202,203 |
| 2790:312 | Diagnostics I | 3 | 2790:210; coreq. 2790:301,302,311 |
| 3600:361 | Biomedical Ethics | <u>3</u> | |
| | Subtotal | 16 | |
| <u>Spring Semester</u> | | | |
| 2790:303 | Cardiopulmonary Pathology | 4 | 2790:301,302 |
| 2790:320 | Neonatal/pediatrics for Respiratory Therapy I | 3 | 2790:301 |
| 2790:341 | RT Clinical Experience I | 3 | 2790:340,311,220 |
| 2790:313 | Diagnostics II | 3 | 2790:311,312, coreq. 2790:303 |
| 2790:315 | Advanced Pharmacology for Respiratory Therapy | <u>3</u> | 2790:215 |
| | Subtotal | 16 | |
| <u>Summer</u> | | | |
| 2790:325 | Mechanical Ventilation (lab) | 4 | 2790:303,320,312,341,315 |
| 2790:342 | RT Clinical Experience II | <u>2</u> | 2790:341,313,320 |
| | Subtotal | 6 | |

Students are eligible for CRT exam (NBRC) upon successful completion of courses up to this point.

FOURTH YEAR

| | | | |
|-------------------------------|---|----------|----------------------|
| <u>Fall Semester</u> | | | |
| 2790:420 | Neonatal/Pediatrics for Respiratory Therapy II | 3 | 2790:320 |
| 2790:443 | RT Clinical Experience III | 4 | 2790:342 |
| | General elective | 3 | |
| 2790:421 | ACLS & PALS | 3 | 2790:340,320,315,303 |
| 2420:300 | Supervision in a Technical Environment | <u>3</u> | |
| | Subtotal | 16 | |
| <u>Spring Semester</u> | | | |
| 2790:444 | RT Clinical Experience IV | 4 | 2790:342 |
| 2790:430 | Problems in Respiratory Therapy | 4 | 2790:313,420,443 |
| 2790:413 | Respiratory Therapy in Alternate Settings (lab) | 3 | 2790:412 |
| | General elective | <u>3</u> | |
| | Subtotal | 14 | |

Total Credits: 128