MILLERSVILLE UNIVERSITY

Student Name:_____ Student I.D.#_____

DEGREE:	BS	**MAJOR REQUIREMENTS FOR A BS DEGREE IN ALLIED HEALTH TECHNOLOGY: RESPIRATORY THERAPY**
MAJOR:	ALHT	Total credit hours required: 120.0 minimum
OPTION:	RESP	

REQUIREMENTS AND POLICIES FOR THE BS ALLIED HEALTH TECHNOLOGY MAJOR

A. Policies for Admission to the Major

1. New students (freshmen and transfers) must be admitted to the Allied Health Technology major by the Office of Admissions upon admission to the University.
2. Admission of Millersville University students to the Allied Health Technology major (from other departments or undeclared status) requires that the student is in satisfactory academic standing as described in the Undergraduate Catalog. Students who were dropped from an Allied Health Technology major also must satisfy the Allied Health Technology Retention in the Major criteria before being readmitted to an Allied Health Technology major.
3. Non-degree and continuing education students must be admitted to the Allied Health Technology major by the Office of Admissions.

B. Policies for Retention in the Major

1. University requirements for retention must be met.
2. Admission to the professional phase of the Respiratory Therapy program is competitive and not guaranteed. Allied Health Technology (ALHT) majors in the Respiratory Therapy option must earn a grade of B- (B minus) or higher in BIOL 100 and grades of C- (C minus) or higher in all other required Biology and required-related courses (BIOL 254, 255, 461; CHEM 103, 104; MATH 130; PHYS 131) and have a minimum GPA of 2.5 in these courses. Note: Students will need to earn a B- or better in several math/science courses to achieve this GPA. Students must also maintain an overall GPA of 2.0.
3. BS ALHT Respiratory Therapy students who meet the minimum math/science GPA of 2.5 can schedule an interview with the admission committee for the professional phase of the Respiratory Therapy program. The committee will assess students on her/his academic performance, letters of recommendation, communication skills, understanding of the profession, maturity, and potential to succeed in the professional phase of the program. Students who score poorly during her/his interview may be denied admission into the professional phase of the program even if they have met the minimum math/science GPA requirement. Students denied admission into the professional phase of the program will be advised on how she/he can strengthen her/his credentials for re-application the following year or how they can complete the degree requirements for an alternative program. If seats are available in the professional phase of the program, students who have not met the minimum math/science GPA may be interviewed and, if accepted, will be admitted on a probationary basis.
4. The BS ALHT Respiratory Therapy is a 2+2 year program. All of the above requirements must be satisfied before a student can begin the professional phase of the program, except for BIOL 352 which is completed during the professional phase.
5. Transfer students must meet all University requirements before she/he can begin the professional phase.
6. Any students failing to meet the above requirements will be dropped from the Allied Health Technology major.

C. Policies for Completion of the Major

1. Completion of all University curricular requirements, except for the Perspectives (P) course, which is waived.
2. ENGL 312, Technical Writing, is the recommended course for the Upper Level Writing Requirement under the General Education Curriculum Requirements.

D. Admission to the professional phase is competitive and is not guaranteed (see part B above).

Note to the student: *This form is provided as a guide. It is your responsibility to consult regularly with your advisor to be aware of changes and curriculum details which are not incorporated on this form.*

MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **BS Allied Health Technology: 2 + 2 program**
Option: **Respiratory Therapy**
Major Field Requirements: **17.0 credits**
Professional Education: **54.0 credits**
Other Requirements: **13.0 credits**

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the Liberal Arts Core subject to normal distribution rules.

REQUIRED BIOLOGY COURSES (17.0 credits)

Course No.	Short Title	C.H.	Grade
BIOL 100	General Biology	3.0	____
BIOL 254	Human Anatomy & Physiology I	4.0	____
BIOL 255	Human Anatomy & Physiology II	4.0	____
BIOL 352	Nutritional Science	3.0	____
BIOL 461	General Microbiology	3.0	____

RESP THER PROFESSIONAL EDUCATION (54.0 credits)

Upon completion of approximately 2 years at the Lancaster Regional Medical Center (MU/LRMC Consortium), 54.0 credit hours will be credited toward the B.S. degree in Allied Health Technology with the Respiratory Therapy option.

Professional Education at Lancaster RMC (54.0 credits) ❑

Course No.	Short Title	C.H.	Grade
RESP 410	Acute Cardiopulmonary Care	2.0	____
RESP 411	Respiratory Care Techniques I	2.0	____
RESP 412	Prin. Aerosol & Gas Therapy	3.0	____
RESP 413	Respiratory Assess & Therap.	4.0	____
RESP 414	Respiratory Care Techniques II	3.0	____
RESP 415	Tech Aspects Mech Ventilation	3.0	____
RESP 417	Respiratory Care Techniques III	3.0	____
RESP 419	Respiratory Care in Alt Sites	2.0	____
RESP 420	Arterial Blood Gas Analysis	3.0	____
RESP 421	Physio Mechnical Ventilation	2.0	____
RESP 422	Pharmacology	2.0	____
RESP 423	Infectious Diseases	2.0	____
RESP 424	Noninfectious Diseases	2.0	____
RESP 425	Neonatology for Resp Therapist	2.0	____
RESP 460	Clinical Practice I	1.0	____
RESP 461	Clinical Practicum I	2.0	____
RESP 462	Clinical Practice II	1.0	____
RESP 463	Clinical Practicum II	3.0	____
RESP 464	Clinical Practicum III	10.0	____
RESP 495	Respiratory Care Research	2.0	____

NOTE: RESP 417 will count towards the Writing (W) general education requirement.

REQUIRED RELATED (13.0 credits)

Chemistry (6.0 credits) (G2 Courses)

Course No.	Short Title	C.H.	Grade
CHEM 103	General, Organic & Biochem I	3.0	____
CHEM 104	General, Organic & Biochem II	3.0	____

Note: Students who are considering going to graduate school or attending medical, dental, veterinary school or wanting to enroll in school to become a pharmacist, physical therapist, or physician assistant after completing their clinical training SHOULD TAKE CHEM 111*, 112*, 231* and 232; completing all four can substitute for CHEM 103 and 104.

*Must earn a C- or better in these CHEM courses before completing CHEM 232.

Mathematics (3.0 credits)

Course No.	Short Title	C.H.	Grade
MATH 130	Elements of Statistics I	3.0	____

Note: Students who might be interested in attending graduate school or professional schools after completing their professional phase SHOULD ALSO TAKE MATH 161.

Physics (4.0 credits) (G2 Course)

Course No.	Short Title	C.H.	Grade
PHYS 131	Physics I with Algebra	4.0	____

NOTE: Students who might be interested in attending graduate school or professional school programs after completing their professional phase SHOULD ALSO TAKE PHYS 132.

Suggested Additional Courses (no minimum)

Course No.	Short Title	C.H.	Grade
BIOL 375	Biometry	3.0	____
BIOL 454	Immunology	2.0	____
BIOL 463	Virology	4.0	____
CSCI* ___	_____	3.0	____
GERT 100	Intro to Gerontology	3.0	____
PHIL 285	Moral Problems in Medicine	3.0	____

*Numbered CSCI 140 or above.

Note: Students may instead follow the B.S. Biology option in Respiratory Therapy to prepare for the professional phase of the MU Respiratory Therapy program.

Respiratory Therapy students who might be interested in medical or graduate school should select the B.S. in Biology, Respiratory Therapy option and select CHEM 231 & 232 in lieu of CHEM 235. This option also meets the full-year-of-physics requirement for medical school.