

GWYNEDD-MERCY COLLEGE SCHOOL OF ALLIED HEALTH PROFESSIONS

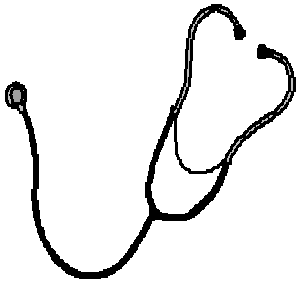


2008-2009 Respiratory Care ***Two + One + One Program***

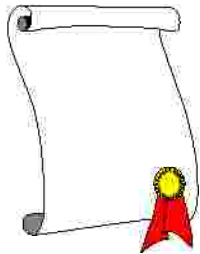
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Key Features



- ◆ full functioning Respiratory Care Laboratory in a new "state-of-the-art" Health and Science Center. a new and expanded professional curriculum (two + one + one)
- ◆ employability after only 2 years
- ◆ salary ranges between \$40,000.00 and \$60,000.00
- ◆ # 7 on the list of "Best Jobs Requiring an Associates Degree"
- ◆ a 42.6% increase in demand for period 1998-2008 (projected by U.S Bureau of Labor Statistics)
- ◆ Family Money Magazine lists Respiratory Care among top 50 careers for the 21st Century (Jan/Feb Issue, 2000)
- ◆ affiliations with renowned major medical centers
- ◆ a dedicated, experienced and committed program and clinical faculty



Program Faculty

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RESPIRATORY CARE

WHAT IS RESPIRATORY CARE?

Respiratory Care is a rapidly growing Allied Health Profession concerned with the diagnosis and treatment of patients with abnormalities associated with the process of breathing. There are two levels of practice within the profession: (1) the Entry Level – Certified Respiratory Therapist, and (2) the Advanced Level – Registered Respiratory Therapist.

WHAT IS A CERTIFIED RESPIRATORY THERAPIST?

A Certified Respiratory Therapist is an entry-level person who has completed a minimum of two years of education at an A.M.A. - approved school for respiratory therapists. A vital member of the health care team, the entry level therapist is responsible for treatments in such areas as:

- ◆ Oxygen Therapy
- ◆ Humidity and Aerosol Therapy
- ◆ Chest Physical Therapy
- ◆ Routine Pulmonary Function Testing.
- ◆ Basic Ventilator Management
- ◆ Artificial Airway Care

Upon completion of the two year entry level program at Gwynedd-Mercy College, the graduate will receive an Associate's Degree of Science in Respiratory Care and will be eligible to sit for a national examination given by the National Board for Respiratory Care. If successfully completed, the entry level therapist will achieve the title of Certified Respiratory Therapist (CRT).

WHAT IS A REGISTERED RESPIRATORY THERAPIST

The Respiratory Therapist is an advanced level person who has completed additional training and education at an A.M.A. approved school for respiratory therapists. The therapist is a vital member of the health care team who may be responsible for:

- ◆ Advanced Physical Assessment Techniques
- ◆ Critical Care Monitoring
- ◆ Blood Gas Analysis and Advanced Pulmonary Function Diagnostics
- ◆ Advanced Ventilator Management
- ◆ Home Care/ Alternate Site Care
- ◆ Pediatric/ Neonatal Respiratory Care

The advanced level – therapist program at Gwynedd Mercy College consist of an additional year of education beyond the Associate’s Degree where the graduate receives a certificate of eligibility to sit for a two-part registry examination given by the National Board for Respiratory Care. Upon successful completion of this exam, the therapist can distinguish him/ herself with the title of Registered Respiratory Therapist (RRT). The Registered Respiratory Therapist is the highest level of professional preparation within the profession. Registered Respiratory Therapists are prepared to practice in all areas of medicine – acute care, long term care, pediatric, neonatal, rehabilitation and home care. Becoming registered is the ultimate goal for all aspiring respiratory therapy professionals.

A TRUE CAREER LADDER APPROACH TO EDUCATION

the program is a true career ladder in that the student can progress from one level to the next. (Two + one + one). The “Two” represents the Associate degree and entry level of practice. The first “one” represents the registry and advanced level of practice. The final “one” represents the baccalaureate degree and aspires professional leadership. The three components and each of the four years are explained in more detail below.

The First Year

In short, the first year consist of general studies rich in the natural sciences, mathematics, and liberal disciplines. It is designed to prepare students for the respiratory care concentration courses taken in the second year.

The Second Year

The second year entails course work in the art and science of respiratory care coupled with a Chemistry course in the Fall and Microbiology in the Spring. Respiratory care courses are didactic (classroom), laboratory, and clinical in nature. The didactic classes are designed to address the principles and concepts of the particular subject in question. The laboratory is designed for demonstration and practice and serves as an environment where the student can first experience the procedures and practices of respiratory care in a controlled and closely supervised manner. Many of the laboratory sessions are self-directed with assistance provided by the faculty as needed. The clinical courses are both observational and performance in nature. The student will first observe procedures and modalities with the intention of gaining confidence and familiarity. After exposure and observation, the student will perform procedures and modalities until competency is assessed. Competency is followed by repeated practice and skill refinement. The ultimate goal is mastery and a high degree of expertise. The clinical component will entail: clinical rotations in between semesters (approximately 2 weeks) that will serve as orientation to the hospital and to the respiratory therapy department, two days a week of clinical rotation during the second semester, and eight weeks of clinical rotations during the summer. The clinical component is competency-based which means that

the student must successfully complete all designated procedures to satisfy the course requirements. Upon completion of the second year of the program, the student will: (1) receive an Associate's Degree in Respiratory Care, (2) be eligible to sit for the NBRC Entry Level Examination, and (3) apply for a temporary permit from the State of Pennsylvania and secure temporary employment as a graduate entry-level therapist. The temporary permit becomes a permanent license once the graduate successfully completes the NBRC Entry-Level Examination. Thus ***employability can occur after only two years of education***. Students must successfully complete the examination process to receive a license to practice in the state of Pennsylvania.

The Third Year

The third year is the advanced level - therapist program, which consist of advanced topics in respiratory care coupled with English Literature in the Fall and Medical Moral Ethics in the Spring. The third year of the program is modeled after the second and consist of didactic (classroom), laboratory, and clinical courses. The didactic classes are designed to address advanced principles and concepts in a classroom environment while the laboratory is designed for demonstration and practice. Laboratory sessions will frequently entail presentations and demonstrations by physicians and other health care professionals with knowledge and expertise in a variety of advanced topics. The clinical courses are both observational and performance in nature. The student will observe advanced procedures and modalities with the intention of gaining confidence and familiarity. After exposure and observation, the student will perform procedures and modalities until competency is assessed. Competency is followed by repeated practice and skill refinement. The ultimate goal is mastery and a high degree of expertise. Students in the third year of the program are expected to possess a relatively high degree of expertise and mastery with entry level skills. The clinical component of the third year will entail clinical rotations two days a week in both the Fall and Spring semesters and 2 weeks of clinical rotations in between semesters. Rotations are of an advanced nature and entail specialties, which are provided in 5-day blocks. The specialty rotations will occur in a variety of clinical sites to include: large university-teaching hospitals, pediatric and neonatal centers, com-munity hospitals, and alternate care sites, such as home care and subacute care.

Upon completion of the third year of the program, the student will receive a certificate of eligibility to sit for the 2-part NBRC Advanced Level Examination. Successful completion of this examination entitles the graduate recognition by the National Board for Respiratory Care and the receipt of an exclusive registry number. Entry into the third year (Registry Level) of the program requires acceptable academic standing and approval of the Program and Clinical Faculty. Successful completion of the NBRC Entry Level Examination is a graduation requirement of the third year of the program.

The Fourth Year

The fourth year is the baccalaureate level of the program. It is designed as a degree completion program that enhances the liberal arts and adds health science electives geared towards professional leadership in the areas of patient/family/ clinical education, wellness, and/or entry level management/ supervision. The bachelor's degree is designed to prepare a more well rounded graduate prepared to provide professional leadership and service. Successful completion of the NBRC Advanced Level Examination is a graduation requirement.

WHAT CAREER OPPORTUNITIES ARE AVAILABLE?

Presently, there is a significant shortage of respiratory therapists throughout the country. The Philadelphia area is uniquely positioned with 6 medical schools and over 60 health care institutions within the metropolitan area. Few cities throughout the country enjoy the resources and high level of medical expertise as exist here. The Bureau of Labor Statistics projects a 42.6% increase in demand for respiratory therapists for the period 1998-2008. After completing the second year of the program, many students will pursue part time employment and continue progressing to the third year of the program for their registry and the fourth year designed for leadership and service.

In general, the two year graduates will provide general respiratory care while the third and fourth year graduate will specialize in such areas as: Pulmonary Functions, Critical Care, Neonatal, Pediatrics, Pulmonary Rehabilitation, Home Care, Education and/or Management.

Students who pass their national examination and become credentialed as Certified Respiratory Therapist (CRT) or Registered Respiratory Therapists (RRT) may work anywhere in the United States as well as in several foreign countries. Students should strive for the registry credential as this is the terminal credential and will afford the greatest degree of opportunity and advancement.

WHAT TYPE OF ACADEMIC BACKGROUND IS NECESSARY FOR ENTRY INTO THIS PROGRAM?

A balanced high school program with three years of mathematics and satisfactory completion of chemistry or physics. In addition, applicants should possess good interpersonal relation skills, integrity, a willingness to learn, and a strong desire to help people.

TO WHAT CLINICAL SITE WILL THE STUDENT BE ASSIGNED?

Gwynedd-Mercy College has a number of clinical sites throughout Philadelphia and the surrounding areas. Every effort will be made to place the student in a hospital that is most convenient for he or she. However, final determination is based on educational needs/requirements as well as availability.

TUITION AND FEES

Full-time tuition is as outlined in the most recent Undergraduate College Catalog, which includes all academic and clinical courses. Students transferring from other institutions and attending on a part time basis will pay on a per credit rate basis. Additional fees for books, uniforms, etc. are provided in the College Catalog.

Gwynedd-Mercy College
Respiratory Care Program
PRIMARY AND SECONDARY CLINICAL AFFILIATES HOSPITALS

Abington Memorial Hospital
 1200 Old York Road
 Abington, PA 19001
 Kathy Sebastian, RRT
 David Wacker, RCPT/RPFT
 215-576-2150

215-662-2558(59)(55)
 Jeanes Hospital
 7600 Central Avenue
 Philadelphia, Pa. 19111
 Patty Evans, RRT
 215-728-2095

Children's Hospital
 34th & Civic Center Boulevard
 Philadelphia, PA 19104
 Linda Napoli, RRT
 Laurie Hough, RRT
 215-590-1707
 215-590-1700

Lankenau Hospital
 Lancaster & City Line Avenues
 Philadelphia, PA 19141
 Wendy Hakun, RRT
 610-645-2194 (6345)

Doylestown Hospital
 595 West State St
 US Route 202 and 611 Bypass
 Doylestown, Pa. 18901
 Chris Anderson, RRT
 Carole Sheesley, RRT
 215-345-2249

Lehigh Valley Hospital Center
 Cedar Crest Blvd. & I78
 PO Box 689
 Allentown, PA 18105
 Linda Cornman, RRT, AE-C
 610-402-8055

Frankford Hospital
 Torresdale Division
 Red Lion & Knights Road
 Philadelphia, PA 19114
 Marc Schlesinger, RRT, RPFT
 Kathy Punzo, RRT
 215-612-4010

Mercy Fitzgerald
 Lansdowne Avenue & Baily Road
 Darby, PA 19023
 Marlene Hamilton, RRT
 610-237-4375

Chestnut Hill Hospital
 8835 Germantown Ave
 Philadelphia, PA 19118
 Steve Mosakowski, RRT
 Matt Buffler, RRT
 215-248-8561 (8851)

Mercy Hospital of Philadelphia
 54th & Cedar Avenue
 Philadelphia, PA 19143
 Joseph Nyame, RRT*
 215-748-9501

Grandview Hospital
 700 Lawn Avenue
 Sellersville, PA 18960
 Tom Lamphere, RRT
 Peggy Zeigler, RRT
 215-453-4021(4656)

Montgomery Hospital
 1300 Powell Street
 Norristown, PA 19401
 Tom Hennessey, RRT
 215-270-2069 (2312)

Hospital of the University of PA
 3400 Spruce Street
 Philadelphia, PA 19101
 Steve Smith, MBA, RRT
 Dave Moore, RRT

Taylor Hospital
 East Chester Pike
 Ridley Park, PA 19078
 Dawn Patterson,BS, RRT
 215-595-6419

Thomas Jefferson University
 11th & Walnut Sts.
 Philadelphia, Pa. 19107
 Chip Malloy, RRT
 215- 955-6000



Gwynedd-Mercy College

TOUR SHEET

THIS IS TO CERTIFY THAT _____
(Student's Name)

HAS VISITED OUR INSTITUTION, TOURED OUR RESPIRATORY CARE
DEPARTMENT, AND HAS A GENERAL IDEA OF THE DUTIES ASSUMED BY A
RESPIRATORY THERAPY TECHNICIAN/THERAPIST.

(Signature of Hospital staff member)

(Date)

(Name of Institution)



GWYNEDD-MERCY COLLEGE
School of Allied Health Professions

Respiratory Care
 Associate of Science
 Certificate of Registry Eligibility
 Bachelor of Health Science

2008-2009 curriculum

A student must complete the course and credit requirements as defined on this curriculum sheet to be a candidate for the Associate of Science, Certificate of Registry Eligibility or Bachelor of Health Science in Respiratory Care. Additional policies and procedures may be found in the current College Catalog. Refer to the reverse side for recommended semester sequence.

GMC: Growing Mercy Connections
GENERAL EDUCATION AND CORE CURRICULUM

MAJOR

I. Skills for Exploring – 6 credits			
FYE 1000	First Year Experience*	2	
FYE 1001	First Year Experience Service*	1	
ENG 101	College English *	3	
II. Exploring Society and Global Diversity – 12 credits			
HIS 2000	Conflict & Consensus in History	3	
SOC 2000	Society & Global Diversity	3	
PSY 100	General Psychology*	3	
PSY 111	Statistics	3	
III. Exploring the Natural World, Mathematics And Technology - 24 credits			
BIO 107	Anatomy & Physiology I*	3	
BIO 107L	Anatomy & Physiology I Lab*	1	
BIO 108	Anatomy & Physiology II*	3	
BIO 108L	Anatomy & Physiology II Lab*	1	
BIO 111	Microbiology*	3	
BIO 111L	Microbiology Lab*	1	
CIT 101	Intro to Desktop Computing*	3	
CHM 111	Chemistry for Allied Health*	3	
MTH 136	Topics of Math*	3	
PHY 111	Physics for Allied Health*	3	
IV. Exploring the Spiritual World - 9 credits			
PHL 2000	Encountering Ethics*	3	
RS 2000	Encountering Sacred Writings*	3	
	PHL or RS Elective	3	
V. Exploring the Arts and Imagination – 9 credits			
ENG 2000	Arts and Imagination	3	
ENG 200	Communication Arts *	3	
	LLFA Elective	3	
General Education Elective – 3 credits			
	HIS, SOC, PSY, ENG, ART, MUS Elective	3	

Respiratory Care – 63 credits			
RC 200	Introduction to AH*	2	
RC 210	Medical Terminology*	1	
RC 230	Respiratory Theory I*	4	
RC 231	Respiratory Theory II*	3	
RC 232	Respiratory Theory III*	3	
RC 233	Respiratory and Cardiac Physiology*	3	
RC 234	Respiratory Pharmacology*	3	
RC 240	Respiratory Procedures I*	1	
RC 241	Respiratory Procedures II*	1	
RC 242	Respiratory Procedures III*	1	
RC 250	Clinical Respiratory Care I*	3	
RC 251	Clinical Respiratory Care II*	3	
RC 330	Advanced Respiratory Theory I	3	
RC 331	Advanced Respiratory Theory II	3	
RC 332	Advanced Respiratory Theory III	3	
RC 333	Respiratory Pathophysiology	3	
RC 334	RC Research – Capstone	3	
RC 335	Respiratory Seminar - Capstone	3	
RC 340	Advanced Respiratory Procedures I	1	
RC 341	Advanced Respiratory Procedures II	1	
RC 342	Advanced Respiratory Procedures III	1	
RC 350	Advanced Clinical Respiratory I	2	
RC 351	Advanced Clinical Respiratory II	3	
	HA/HS Elective	3	
	HA/HS Elective	3	
	HA/HS Elective	3	

Prerequisites:
 English proficiency and high school chemistry or physics

November 2007; 3/08

Credit Requirements
 A minimum of 67 credits is required for the AS.
 A minimum of 126 credits is required for the BHS.
 *required for AS program

Grade Requirements
 The minimum passing grade within the concentration and natural science/mathematics requirements is C (a grade of C- is not acceptable)

Year 1 and Year 2 qualify student for an associate degree in Respiratory Care and NBRC Certification Eligibility. Year 3 provides NBRC Registry Eligibility

Curriculum Design

The **Two** plus One plus One Career Ladder Model

The Two Year Model

Freshman Year (32)

Fall (15)

Anatomy & Physiology I & Lab	4
College English	3
Topics of Math	3
Intro Psychology	3
First Year Experience	2

Spring (17)

Anatomy & Physiology II & Lab	4
Physics for Allied Health	3
Encountering Sacred Scriptures	3
Arts and Imagination	3
Introduction Desktop Computing	3
First Year Experience Service	1

Sophomore Year (34)

Fall (17)

Introduction to Allied Health	2
Respiratory Theory 1	4
Respiratory Procedures 1	1
Respiratory Pharmacology	3
Cardio-Respiratory Physiology	3
Chemistry	3
Med terminology	1

Spring (18)

Respiratory Theory II	3
Respiratory Theory III	3
Respiratory Procedures II	1
Respiratory Procedures III	1
Clinical Respiratory Care I	3
Clinical Respiratory Care II	3
Microbiology & Lab	4

**Associate Degree in Respiratory Care and NBRC Certification Exam Eligibility

Curriculum Design

The Two **plus One** plus One Career Ladder Model

The Plus One Model

Junior Year (32)

Fall (16)

Advanced Respiratory Theory I
3
Advanced Respiratory Theory II
1
Advanced Respiratory Procedures I
3
Advanced Respiratory Procedures II
3
Advanced Respiratory Clinical I
3
Respiratory Pathophysiology
3
Statistics

Spring (16)

3 Advanced Respiratory Theory III
3 Advanced Respiratory Procedures III
1 Advanced Respiratory Clinical II
1 Respiratory Research (Capstone)
2 Respiratory Seminar
3 Communication Arts
3

***** NBRC Registry Exam Eligibility**

Curriculum Design

The Two plus One **plus One** Career Ladder Model

The Plus One Model

Senior Year (27)

Fall (15)

LLFA elective	3
Consensus & Conflict in History	3
Society & Global Diversity	3
Encountering Ethics	3
HA/HS elective	3

Spring (12)

Phl or RS elective	3
Econ, Geo, His, Pol elective	3
HA/ HS elective	3
HA/ HS elective	3

*** Bachelor of Health Science in Respiratory Care

***Amended March 7, 2007**

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