

General Information

The Associate in Science degree program in Respiratory Care prepares students to pursue a career as a highly-skilled, critical thinking Respiratory Therapist (RT). RTs assess, treat, and monitor patients with disorders of the cardiopulmonary system. Practicing under the guidance of a physician, RTs perform a wide array of diagnostic and therapeutic procedures on adult, pediatric, and newborn patients.

Typical responsibilities for an RT include interviewing and examining patients with breathing problems, performing diagnostic studies such as obtaining and analyzing arterial blood gases, pulmonary function testing, hemodynamic monitoring, and polysomnography. RTs administer aerosolized medications, initiate mechanical ventilation, perform bronchopulmonary hygiene, maintain airway patency, and provide cardiopulmonary resuscitation.

RTs play an integral role in the development and monitoring of a patient's cardiopulmonary treatment plan. RTs utilize evidence-based medicine to educate patients, families, and the community regarding cardiopulmonary wellness, disease prevention and management.

RTs work in a variety of healthcare environments such as hospitals, long-term care facilities, rehabilitation centers, skilled nursing facilities, homecare agencies, sleep disorder centers, clinical transport operations, physicians' offices, wellness clinics, educational institutions, traveling agencies, and medical equipment sales and service providers.

Through the combination of classroom, laboratory, and hands-on clinical experiences, students will be provided the opportunity to apply their knowledge and create real-world understanding. Students who complete the Associate in Science in Respiratory Care program are eligible to sit for the National Board for Respiratory Care (NBRC) Therapist Multiple Choice (TMC) examination. The TMC examination objectively measures essential knowledge, skills, and abilities required of respiratory therapists for entry into practice. Students, upon successful completion of their degree requirements, can take the national TMC exam and upon passing with the NBRC low cut/pass score achieve the entry-level Certified Respiratory Therapist (CRT) credential and apply it to the state board of respiratory care in the state they choose to practice (currently 49 states require licensure). Additionally, if the NBRC high cut/pass score on the TMC exam is achieved then students are eligible to sit for the NBRC Clinical Simulation Examination (CSE) which is required for the advanced-level Registered Respiratory Therapist (RRT) credential. The NBRC TMC and CSE exams do not need to be taken again once a student has passed the exam as long as the minimum number of Continuing Respiratory Care Education (CRCE) hours are maintained as required by the NBRC and state licensure boards. In addition, graduates of this program are eligible to continue on for a Bachelor of Science Degree in Business Management with a Healthcare Management/Respiratory Care (MGTH) concentration.

ACCREDITATION STATUS

The Respiratory Care program at New England Institute of Technology, CoARC program number 200599, at the associate degree level and campus located at One New England Tech Boulevard, East Greenwich, Rhode Island is accredited by the Commission on Accreditation for Respiratory Care (www.coarc.com).

Commission on Accreditation
For Respiratory Care
1248 Harwood Road
Bedford, Texas 76021-4244
(817) 283-2835



Program Mission

The mission of the Respiratory Care (RC) program is to provide a specialized associate degree program to prepare students for careers as advanced-level respiratory therapists. Through a combination of didactic, laboratory, and clinical learning experiences the program emphasizes the knowledge, critical thinking, and professional behaviors graduates will need to become effective respiratory care practitioners.

Program Goals

The RC program will:

1. The RC program will prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by registered respiratory therapists (RRTs).
2. The RC program will utilize state-of-the-art simulation technology to allow students to demonstrate the application of knowledge in a laboratory setting.
3. The RC program will focus on the hands-on application of knowledge and critical thinking skills needed to practice evidence-based respiratory care within diverse patient populations.
4. The RC program will prepare students with the requirements necessary to qualify for entry-level and advanced-level national certification examinations administered by the National Board for Respiratory Care (NBRC).
5. The RC program will endeavor to instill in the student a sense of commitment to the respiratory care profession's core values and ethics including ongoing professional development and life-long learning.

Program Outcomes

Graduates of the program will be able to:

1. Collect, review, and evaluate patient cardiopulmonary assessment data and recommend the appropriate diagnostic and therapeutic modalities.
2. Initiate, monitor, and modify respiratory care treatment plans and critical care activities based upon the therapeutic goals of the patient.
3. Manipulate and manage respiratory care equipment while maintaining the appropriate infection and quality control standards.
4. Apply critical thinking and problem-solving strategies in the adult, pediatric, and neonatal patient care settings.
5. Consult with physicians, nurses, and other members of the patient care team to develop and modify individual respiratory care plans.
6. Perform evidence-based respiratory care practices established by current clinical practice guidelines and published research.
7. Utilize interpersonal communication skills to promote cardiopulmonary wellness and educate diverse patient population groups, families, and the community.

Curriculum

| Term I | | | | | |
|------------|-------------|--|----|---|----|
| Course No. | | Course Title | C | L | T |
| RC | 110 | Foundations of Respiratory Care | 3 | 2 | 4 |
| RC | 111 | Introduction to Respiratory Care Clinical | 1 | 2 | 2 |
| BIO | 100 | Anatomy & Physiology I | 4 | 0 | 4 |
| BIO | 101 | Anatomy & Physiology I Lab | 0 | 4 | 2 |
| MA | 100/ 110 | Introduction to College Math (MA/SCI Core) | 4 | 0 | 4 |
| | | | 12 | 8 | 16 |

| Term II | | | | | |
|------------|-----|--|----|---|----|
| Course No. | | Course Title | C | L | T |
| RC | 120 | Principles of Cardiopulmonary Physiology | 3 | 0 | 3 |
| RC | 121 | Respiratory Care Pharmacology | 1 | 2 | 2 |
| BIO | 120 | Anatomy & Physiology II | 4 | 0 | 4 |
| BIO | 121 | Anatomy & Physiology II Lab | 0 | 4 | 2 |
| EN | 100 | Introduction to College Writing (COM Core) | 4 | 0 | 4 |
| | | | 12 | 6 | 15 |

| Term III | | | | | |
|------------|-----|--|----|----|----|
| Course No. | | Course Title | C | L | T |
| RC | 130 | Theory & Application of Respiratory Care I & Lab | 3 | 4 | 5 |
| RC | 131 | Respiratory Care Clinical I | 0 | 12 | 4 |
| RC | 132 | Respiratory Care Pathophysiology I | 3 | 0 | 3 |
| BIO | 122 | Microbiology (MA/SCI Core) | 3 | 2 | 4 |
| EN | 110 | Healthcare Communications (COM core) | 4 | 0 | 4 |
| | | | 13 | 18 | 20 |

| Intersession | | | | | |
|--------------|--------|--|---|---|---|
| Course No. | | Course Title | C | L | T |
| | PS 202 | Psychology of Healthcare (SS Core) | 4 | 0 | 4 |
| ELECTIVE | | 100-200 Level Humanities (or Arts/Foreign Language) Core | 4 | 0 | 4 |
| | | | 8 | 0 | 8 |

| Term IV | | | | | |
|------------|-----|--|----|----|----|
| Course No. | | Course Title | C | L | T |
| RC | 240 | Theory & Application of Respiratory Care II & Lab | 3 | 4 | 5 |
| RC | 241 | Respiratory Care Clinical II | 0 | 12 | 4 |
| RC | 242 | Respiratory Care Pathophysiology II | 3 | 0 | 3 |
| PS | 210 | Human Relations in the Workplace (SS Core) | 4 | 0 | 4 |
| ELECTIVE | | 100-200 Level Humanities (or Arts/Foreign Language) Core | 4 | 0 | 4 |
| | | | 14 | 16 | 20 |



| Term V | | | | | |
|------------|-----|---|---|----|----|
| Course No. | | Course Title | C | L | T |
| RC | 252 | Theory & Application of Respiratory Care III & Lab | 3 | 4 | 5 |
| RC | 253 | Respiratory Care Clinical III | 0 | 18 | 6 |
| RC | 254 | Specialty Principles & Practice of Respiratory Care | 2 | 0 | 2 |
| | | | 5 | 22 | 13 |

| Term VI | | | | | |
|---|-----|---|---|----|----|
| Course No. | | Course Title | C | L | T |
| RC | 261 | Theory & Application of Respiratory Care IV & Lab | 3 | 4 | 5 |
| RC | 262 | Respiratory Care Clinical IV | 0 | 24 | 8 |
| | | | 3 | 28 | 13 |
| <i>Total Quarter Credit Hours = 105</i> | | | | | |

Legend

C = Number of lecture hours per week

L = Number of laboratory/clinical hours per week

T = Total Quarter Credit Hours where each lecture hour per week is one credit, every 2-4 laboratory hours are one credit depending on the expected amount of pre- or post-lab work.

PLEASE NOTE: All liberal arts core courses are listed in italics.

All associate degree students are required to take (or transfer) 32 credits of liberal arts and math/science courses as selected from the liberal arts core. See the course descriptions section of this catalog for a list of the core area courses. Students who place out of MA 100/110 must still take 32 credits of core courses.

Subject to change.

Liberal Arts Core Electives

All programs must meet certain minimum requirements in both the major and in the liberal arts. Course requirements for each program are listed in each curriculum along with liberal arts selections. Courses listed as “Core Electives” in a curriculum can be chosen by students from one of the several core areas listed below. Each core area provides a variety of courses for student choice. Students must take a minimum of 32 credits in core electives for the associate degree and an additional minimum of 28 credits for the bachelor’s degree. Individual majors have specific requirements and may require more than the minimum number of liberal arts credits or may specify certain courses in a particular core area. All liberal arts core elective courses are 4 credits. Please refer to the curriculum of the major for specific requirements.

Associate Degree Core Elective Areas¹

To obtain a minimum of 8 courses (32 credits), students may choose from the following course selections:

- 2 courses (minimum) from the Communications Core**
- 2 courses (minimum) from the Math/Science Core**
- 1-2 courses from the Humanities Core OR**
 - 1 course from the Humanities Core AND/OR**
 - 1 course from the Arts/Foreign Language Core**
- 1-2 courses from the Social Sciences Core**

Associate Degree Courses by Core¹

Communications Core Electives (Minimum 8 Credits)

EN 100 Introduction to College Writing
EN 110 Healthcare Communications
EN 106 Service Industry Communications
EN 200 Workplace Communications
EN 211 Oral Communications
HU 208 Rap/Rock and Poetry

Math/Science Core Electives (Minimum 8 Credits)

CHM 101 Life Science Chemistry
MA 100/110 Introduction to College Math
MA 105 Basic College Math with Lab
MA 109 Math for Life Science
MA 121 Business Math
MA 125 Technical Math I
MA 200 Applied Math for Business
MA 210 Technical Math II
PHY 126 Applied Physics & Lab
PHY 200 Physics I and Lab
SCI 110 Environmental Science

Arts/Foreign Language Core Electives (Maximum of 4 Credits in Place of a Humanities Course)

AR 203 Introduction to Drawing
AR 204 Introduction to Theater
AR 206 3D Sculpture: An Adventure in the Third Dimension
AR 207 Introduction to Applied Music
AR 209 The Art of Collage



JP 201 Introduction to Japanese
SP 201 Introduction to Spanish
SP 203 Spanish for Healthcare Workers

Humanities Core Electives (Minimum 4 Credits)

HU 208 Rap/Rock and Poetry
HU 211 Introduction to Film
HU 212 Documentary Film
HU 215 Popular Culture
HU 216 Music and the Media
HU 240 Graphic Design in the 20th Century
HU 242 The Automobile and American Culture
HU 244 Science Fiction
HU 289 Racing Through Film
HU 291 Critical Thinking and Chess

Social Sciences Core Electives (Minimum 4 Credits)

BU 236 Small Business and the Law
EC 203 Principles of Economics
HI 231 Contemporary History
HI 235 Architectural History
HI 280 The Holocaust
PS 140 Life-Span Development
PS 201 Introduction to Psychology
PS 202 Psychology of Healthcare
PS 203 Psychology of Happiness
PS 210 Human Relations in the Workplace
SO 203 Social Problems
SO 220 Internet and Society
SO 231 Crime and Deviance
SS 140 Criminal Investigations
SS 201 American Government in Action
SS 203 Terrorism & National Security
SS 204 Juvenile Justice System in America
SS 206 Constitutional Values in the 21st Century
SS 221 Technology and American Life
SS 222 Mindful Living

1. Subject to Change

Degree Progress Checklist

Check off each completed course.

Program Requirements

| | | | |
|----|-----|-----|-------|
| T1 | RC | 110 | _____ |
| | RC | 111 | _____ |
| | BIO | 100 | _____ |
| | BIO | 101 | _____ |
| T2 | RC | 120 | _____ |
| | RC | 121 | _____ |
| | BIO | 120 | _____ |
| | BIO | 121 | _____ |
| T3 | RC | 130 | _____ |
| | RC | 131 | _____ |
| | RC | 132 | _____ |
| T4 | RC | 240 | _____ |
| | RC | 241 | _____ |
| | RC | 242 | _____ |
| T5 | RC | 252 | _____ |
| | RC | 253 | _____ |
| | RC | 254 | _____ |
| T6 | RC | 261 | _____ |
| | RC | 262 | _____ |

PLEASE NOTE: All liberal arts courses must be taken before the start of Term 5.

Students are advised to take courses in the order and in the term in which they appear in the checklist. Any deviation may result in extended time required to complete your degree as well as additional tuition and fees. Please contact your Student Advisor prior to making any changes to the course sequence.

Liberal Arts Core Requirements
8 Required Courses

Each course = 4 credits (total of 32 credits)

| | | | |
|---|-------------------|--------------|-------|
| Communications Core | | | |
| #1 | EN 100 | T2 | _____ |
| #2 | EN 110 | T3 | _____ |
| Math/Science Core | | | |
| #3 | MA 100/110 | T1 | _____ |
| #4 | BIO 122 | T3 | _____ |
| Humanities Core* | | | |
| #5 | 100-200 level | | _____ |
| | HU/AR/FL elective | Intersession | _____ |
| #6 | 100-200 level | | _____ |
| | HU/AR/FL elective | T4 | _____ |
| *You may use one Arts/Foreign Language Core Elective to fulfill your Humanities Core. | | | |
| Social Sciences Core | | | |
| #7 | PS 202 | Intersession | _____ |
| #8 | PS 210 | T4 | _____ |

Subject to change.

Please see your advisor for any questions.

Course Descriptions

RC 110 Foundations of Respiratory Care

3 Class Hours 2 Lab Hours 4 Quarter Credit Hours

This course provides an orientation to respiratory care and healthcare organizations. Topics will include the history of respiratory care and the development of the profession's core values and ethics, the respiratory therapist's role in patient assessment, education, and the promotion of wellness within diverse patient populations and communities. An overview of healthcare reimbursement, credentialing, licensure, accreditation, and evidence-based practices will be included.

RC 111 Introduction to Respiratory Care Clinical

1 Class Hour 2 Lab Hours 2 Quarter Credit Hours

This course prepares students for their clinical experience. Topics will include an orientation to clinical concepts such as pre-employment screening, background checks, immunizations, professionalism, ethics, diversity, effective communication, medical record review and charting, workplace safety, disease transmission and infection control practices, patient assessment skills, and patient confidentiality. Students will be provided the opportunity to take the American Heart Association Cardiopulmonary Resuscitation Healthcare Provider certification (CPR-C).

RC 120 Principles of Cardiopulmonary Physiology

3 Class Hours 3 Quarter Credit Hours

Prerequisites: RC 110, RC 111, BIO 100/101, MA 100/110

This course provides an in-depth analysis of the circulatory physiology of the heart and lungs. Applied respiratory chemistry, physical properties of fluids and gases, pulmonary mechanics, hematology, hemodynamics, and renal function will be included. Cardiopulmonary diagnostics and therapeutics such as pulmonary function testing, bronchoscopy, central venous lines, pulmonary artery catheters, arterial blood gases, electrocardiograms (ECGs), and cardiac arrhythmias will be introduced.

RC 121 Respiratory Care Pharmacology

1 Class Hour 2 Lab Hours 2 Quarter Credit Hours

Prerequisites: RC 110, RC 111, BIO 100/101, MA 100/110

This course focuses on the assessment, administration, and patient education associated with the safe delivery of pharmacological agents specific to the cardiopulmonary system. Drug classifications, dosage calculations, indications, and contraindications will be covered. Students will learn how to select the appropriate pharmacological agents, administer the agents utilizing the appropriate equipment and technique, and apply pre-, peri-, and post-assessment skills to determine the effectiveness and/or adverse effects associated with the treatment.

RC 130 Theory & Application of Respiratory Care I and Lab

3 Class Hours 4 Lab Hours 5 Quarter Credit Hours

Prerequisites: RC 120, RC 121, BIO 120/121

Co-requisite: RC 131

This course prepares students with the basic knowledge and skills for holistic patient assessment, diagnostic, and therapeutic modalities. Students will learn the fundamentals of evidence-based respiratory care assessment, protocols, and the safe use of equipment. Topics will include oxygen, humidification and aerosol therapies, airway management, manual ventilation, hyperinflation and bronchopulmonary hygiene procedures, noninvasive monitoring, and laboratory data analysis.



RC 131 Respiratory Care Clinical I

12 Lab Hours 4 Quarter Credit Hours

Prerequisites: RC 120, RC 121, BIO 120/121, Completion of preclinical screening and core competency testing

Co-requisite: RC 130

This entry Level I respiratory care practicum will allow students to develop the basic knowledge, skills, and core competencies introduced in the RC courses through observation and hands-on clinical experience. Students will perform evidence-based practices established by current clinical practice guidelines and published research.

RC 132 Respiratory Care Pathophysiology I

3 Class Hours 3 Quarter Credit Hours

Prerequisites: RC 120, RC 121, BIO 120/121

Co-requisite: BIO 122

This course provides students with the knowledge and critical thinking skills needed to effectively assess and treat patients with respiratory diseases including obstructive and restrictive disorders. Students will analyze clinical patient data and recommend the appropriate diagnostic and therapeutic procedures. Students will learn to develop patient care plans, respiratory care protocols, and disease management models.

RC 240 Theory & Application of Respiratory Care II & Lab

3 Class Hours 4 Lab Hours 5 Quarter Credit Hours

Prerequisites: RC 130, RC 131, RC 132, BIO 122

Co-requisite: RC 241

This course prepares students with more advanced knowledge and skills for holistic patient assessment, diagnostic, and therapeutic modalities. Students will develop more in-depth patient assessment skills utilizing both invasive and noninvasive procedures such as intubation, arterial blood gases, pulmonary function testing, pulse-oximetry, transcutaneous monitoring, capnography, bronchoscopy, central venous lines, pulmonary artery catheters, ECGs, and medical imaging.

RC 241 Respiratory Care Clinical II

12 Lab Hours 4 Quarter Credit Hours

Prerequisites: RC 130, RC 131, RC 132, BIO 122, Completion of preclinical core competency testing

Co-requisite: RC 240

This continuation of the entry Level I respiratory care practicum will allow students to develop more advanced knowledge, skills, and core competencies introduced in the RC courses through observation and hands-on clinical experience. Students will perform evidence-based practices established by current clinical practice guidelines and published research.

RC 242 Respiratory Care Pathophysiology II

3 Class Hours 3 Quarter Credit Hours

Prerequisites: RC 130, RC 131, RC 132, BIO 122

This course is a continuation of RC 132 with an emphasis on adult critical care, pediatric, and neonatal respiratory disorders. Students will analyze clinical patient data and recommend the appropriate diagnostic and therapeutic procedures. Students will learn to develop patient care plans, respiratory care protocols, and disease management models.

RC 252 Theory & Application of Respiratory Care III & Lab

3 Class Hours 4 Lab Hours 5 Quarter Credit Hours

Prerequisites: RC 240, RC 241, RC 242

Co-requisite: RC 253

This course provides an in-depth analysis of invasive and noninvasive mechanical ventilation. Students will develop the critical thinking and problem-solving skills needed to provide adequate ventilatory support to patients with cardiopulmonary disorders. Students will learn how to assess, monitor, and manage



patients utilizing various modes of ventilation. Topics will include the indications and initiation of mechanical ventilation, the safe assembly and operation of positive pressure ventilation equipment, modes of mechanical ventilation, weaning, and the discontinuation of ventilatory support. Students will take a simulated entry-level preparation exam by the National Board of Respiratory Care (NBRC).

RC 253 Respiratory Care Clinical III

18 Lab Hours 6 Quarter Credit Hours

Prerequisites: RC 240, RC 241, RC 242, Completion of preclinical core competency testing

Co-requisite: RC 252

This advanced Level II respiratory care practicum will allow students to develop advanced knowledge, skills, and core competencies introduced in the RC courses through observation and hands-on clinical experience. Students will perform evidence-based practices established by current clinical practice guidelines and published research in critical care environments.

RC 254 Specialty Principles & Practice of Respiratory Care

2 Class Hours 2 Quarter Credit Hours

Prerequisites: RC 240, RC 241, RC 242

This course focuses on the advanced and specialty practices of respiratory care such as Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS), Neonatal Resuscitation (NR), and extracorporeal membrane oxygenation (ECMO). Advanced modes of mechanical ventilation for the adult, pediatric, and neonatal patient populations will be included.

RC 261 Theory & Application of Respiratory Care IV & Lab

3 Class Hours 4 Lab Hours 5 Quarter Credit Hours

Prerequisites: RC 252, RC 253, RC 254

Co-requisite: RC 262

This course provides students with the knowledge and skills to practice respiratory care in neonatology, polysomnography, homecare, chronic care, and rehabilitation. A senior capstone project and simulated advanced-level preparation exam by the NBRC will be included.

RC 262 Respiratory Care Clinical IV

24 Lab Hours 8 Quarter Credit Hours

Prerequisites: RC 252, RC 253, RC 254, Completion of preclinical core competency testing

Co-requisite: RC 261

This advanced and specialty Level II respiratory care practicum will allow students to develop advanced and specialty knowledge, skills, and core competencies introduced in the RC courses through observation and hands-on clinical experience. Students will perform evidence-based practices established by current clinical practice guidelines and published research on the adult, pediatric, and neonatal patient populations within the critical care, homecare, chronic care, polysomnography, and rehabilitation care environments.

BIO 100 Anatomy and Physiology I

4 Class Hours 4 Quarter Credit Hours

This course presents a comprehensive study of the structure and function of the human body as a whole, emphasizing the normal. This will serve as a background for the application of scientific principles both in everyday life and in the work of various health disciplines. Systems covered include integumentary, skeletal, muscular, nervous, and endocrine with respect to both histological and gross anatomy.

BIO 101 Anatomy and Physiology I Lab

4 Lab Hours 2 Quarter Credit Hours

Laboratory practice includes the study of tissues by using microscopic examinations and the dissection of animal specimens, along with histological experimentation. Units covered are concerned with general introductory material, the skeletal, muscular, endocrine, and nervous systems.



NEW ENGLAND TECH

**Respiratory Care
Associate in Science Degree**
*(For students entering their program
April 2019 – 201930 or later)*

BIO 120 Anatomy and Physiology II

4 Class Hours 4 Quarter Credit Hours

This course is a continuation of Anatomy and Physiology I, concentrating on the circulatory, respiratory, digestive, urinary, and reproductive systems.

BIO 121 Anatomy and Physiology II Lab

4 Lab Hours 2 Quarter Credit Hours

Emphasis is placed on association, correlation, critical thinking and overview of the body as a whole functioning unit, with units covering circulatory, respiratory, digestive, urinary, and reproductive systems.

Liberal Arts Associate Degree Courses

Art (Arts/Foreign Language Core)

AR 203 Introduction to Drawing

4 Class Hours 4 Quarter Credit Hours

This course introduces students to key concepts and techniques integral to developing basic drawing skills. Class time will be spent discussing, demonstrating and practicing these skills in order to produce a comprehensive body of work specific to the course objectives. Course performance will be evaluated on effort and growth as opposed to artistic talent.

AR 204 Introduction to Theater

4 Class Hours 4 Quarter Credit Hours

This course will provide students with both a theoretical and practical understanding of acting and the theatrical process as evidenced by theatrical scenes, performed by students as a final project. Theater exercises will guide students toward self-discovery in order to explore character development and the interpretation of the content/themes of various plays. Students will write character analysis essays as a method for understanding the specific elements of acting necessary to accurately portray a given character. Students will also explore the ways in which a play is translated into a production with an emphasis on differentiating the functions of the playwright, the actor, the director, set designer and other members of a production team.

AR 206 3D Sculpture: An Adventure in the Third Dimension

4 Class Hours 4 Quarter Credit Hours

This course will teach students to think, see and function in 3-dimensional space. They will explore the differences and similarities between 2-dimensional and 3-dimensional representation in composition and design. Students will use a broad range of materials to create sculptures that will help them explore different aspects of 3-dimensional functioning. Class time will be spent in a combination of sculpture design and a discussion of slides of work reflecting the history of three-dimensional works of art from Greek times to the present. No prior experience with art courses is required.

AR 207 Introduction to Applied Music

4 Class Hours 4 Quarter Credit Hours

This course will afford students the opportunity to experience a "hands-on" approach to piano keyboard and composition. Each section of the course will focus on one musical concept through listening, playing and finally application. Because of the computer-assisted nature of the program, all levels of musical and keyboard comprehension can be accommodated and the course can be geared to the individual interests and needs of each student in the class.

AR 209 The Art of Collage

4 Class Hours 4 Quarter Credit Hours

Powerful imagery is a combination of technical skill and imagination. Students will exercise their ability to manipulate composition and color as well as cultivate the power of imagination in this studio class with a focus on collage, a technique where compositions are crafted by adhering various materials to a backing surface. Creativity and the development of ideas will be explored while acquiring a working knowledge of the elements and principles of art. The assemblage process of collage will be the design tool used to investigate, generate and express ideas. Students will research collage as an art form and examine the creative processes of various artistic disciplines. No prior experience is necessary. Students will be evaluated on their effort and creative growth as opposed to artistic talent.



Business (Social Sciences Core)

BU 236 Small Business and the Law

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

This course is designed for those students who intend to start and operate their own small business. This course will focus on the various elements associated with the start-up, acquisition and operation of a small business from the entrepreneurial point of view. Topics to be covered will include business formation, contract negotiations and drafting, financing, employee discrimination issues, customer relations issues, licensing, permits and tax basics. Additionally, students will be asked to complete a legal research assignment and prepare and present a business plan in their particular technological field of study.

Chemistry (Math/Science Core)

CHM 101 Life Science Chemistry

3 Class Hours 2 Lab Hours 4 Quarter Credit Hours

Prerequisite: MA 100/110 or MA 105 or MA 109

This course provides an introduction to inorganic chemistry and organic chemistry with a focus on Life Science applications as reflected in the selection of the text. Topics include measurement, units of concentration, the nature of atoms, states of matter, periodicity, bonding, stoichiometry, chemical reactions, thermodynamics and kinetics.

Community Enrichment

CE 101 Community Enrichment

1 Class Hour 1 Quarter Credit Hour

This online course is offered through the Feinstein Enriching America Program. Weekly assignments include topics such as B Corporations, civic and social responsibility, and Non-Governmental Organizations. A 15-hour community enrichment project is also required. Community engagement six months prior to taking the course may be accepted with proper documentation. Current or prior military service and concurrent clinical experiences are accepted in lieu of the community enrichment project. After successful completion of the course, students are eligible to apply for a Feinstein Scholarship, which is awarded each term.

Economics (Social Sciences Core)

EC 203 Principles of Economics

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

Introduces the fundamental principles of microeconomics and macroeconomics, such as scarcity, supply and demand, growth, fiscal and monetary policies, and the public and the private sectors.

English (Communications Core)

EN 100 Introduction to College Writing

4 Class Hours 4 Quarter Credit Hours

Placement: Based on an evaluation of a writing sample or successful completion of EN 030.

EN 100 is an introductory writing course designed to immerse students in the writing process and sharpen their critical thinking skills. In this course, students will practice using writing as a tool for learning by responding to readings, composing essays, and reflecting on the writing process itself. Through drafting, revising, and writing to learn, students will strengthen their ability to interpret, analyze, and evaluate the ideas presented in the course readings, lectures, and discussions. Conducting, evaluating,



and integrating research (through summarization, quotations, and paraphrasing) is a major component of this course. Additionally, students will be introduced to APA citation style, and will improve essential writing skills such as grammar, punctuation, and standard usage.

EN 106 Service Industry Communications

5 Class Hours 5 Quarter Credit Hours

In today's competitive service industry technicians must possess a mastery of both technical and nontechnical skills. EN 106 will introduce and equip students with the nontechnical or "soft skills" needed to succeed and advance in their field. Topics will include: written and verbal communication, professionalism, team collaboration, critical thinking, and problem-solving skills. Because learning to write and communicate effectively requires practice, the course provides numerous opportunities; including writing workshops, role play, and group activities, for students to apply the fundamentals of written and oral communication.

EN 110 Healthcare Communications

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

EN 110 builds off the foundation established in EN 100 and focuses on the necessity of clear written and oral communication in the allied health arena. Through role play, small group work, and presentations students will develop the communication and critical thinking skills they will need daily when communicating with other health care providers, clients, and their families. Additionally, by continuing in the writing process (researching, drafting, and revising) students will further their ability to write clear, concise, error free prose with attention given to audience and message.

EN 200 Workplace Communications

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100 or EN 110 or placement based on evaluation of a writing sample.

EN 200 builds off the foundation established in EN 100 and focuses on the necessity of clear written and oral communication in professional settings. Students will be exposed to a variety of business writing genres including memos, emails, business letters, and proposals. By continuing their engagement in the writing process (researching, drafting, and revising), students will compose several professional documents, reinforcing students' attention to audience and their aptitude to develop an effective workplace document. Additionally, this course strengthens students' ability to document in APA citation style, and hone essential writing skills such as grammar, punctuation, and standard usage.

EN 211 Oral Communications

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100 or EN 110 or placement

This is an introductory course with an emphasis on oral communication theory and practice, providing a basic understanding of the significance of oral communication as well as instruction and practice in the basic skills of public speaking. The course is intended to help students develop skills in speaking, organizing thoughts, and critical analysis. Major emphasis is placed on the preparation and presentation of formal speeches.

History (Social Sciences Core)

HI 231 Contemporary History

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

This course encourages students to explore economic, political, social and cultural developments throughout the world since World War II, particularly in developing nations including spiritual, scientific and intellectual developments.



HI 235 Architectural History

4 Class Hours 4 Quarter Credit Hours

This course is a study of the major periods and styles of architecture from Egyptian through postmodern. Styles studied will include Egyptian, Greek, Roman, early Christian, Byzantine, Romanesque, Gothic, Renaissance, Baroque, 18th, 19th and 20th century. Through a series of lectures, discussions, and readings, students will gain a fundamental understanding of the history of architecture including the historical and social context of each period respectively.

HI 280 The Holocaust

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

In this course, students will study genocide and mass murder in modern history. The focus of this course is the Jewish Holocaust of 1933-1945. Through film, photographs, and readings, the course will provide students with a basic understanding of the establishment of the Nazi Party and its attitudes, beliefs, and laws that were put into action during this time period. Students will compare the Holocaust to current genocidal acts in the world today, including the effects of genocide on society.

Humanities (Humanities Core)

HU 208 Rap/Rock and Poetry

4 Class Hours 4 Quarter Credit Hours

Core Fulfillment: Both Communications Core and Humanities Core

Prerequisite: EN 100

What do Eminem, Tupac, Bob Marley, Bob Dylan and WB Yeats have in common? All five wordsmiths are poets who use rhyme, rhythm, figurative language and poetic structure to craft language. In this course, students will explore poetic devices and important global themes through examination of poetry, written by Nobel Prize and Grammy Award winning writers. Focusing on aspects of poetic form will build students' understanding of and appreciation for the power of language.

HU 211 Introduction to Film

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

The focus of the course will be on what goes into the reading and analysis of a film. Film is comprised of several arts – and the objective of this course is to learn to appreciate films and to see them as important social documents that tell us much about ourselves and our world.

HU 212 Documentary Film

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

This course will expose students to the techniques and artistry of making interesting non-fiction films. Students will view and analyze significant documentary films and become familiar with the work of important filmmakers.

HU 215 Popular Culture

4 Class Hours 4 Quarter Credit Hours

This course will analyze cultural expressions of intellectual and social trends since 1950. Students will investigate literature, comics, movies, television, music, advertising, painting, computer games, and the Internet to probe the forces that shape our world. In this course, students will identify and evaluate the popular entertainment we consume and ask how our choices define us and shape our values.

Understanding our values and culture enables us to understand why we buy what we buy, why we do what we do, and why we think the way we do.

HU 216 Music and the Media

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

This course will trace the long relationship between visual media and music. Students will study the movie industry from silent movies to the sound tracks that are an integral part of the movies of today. They will also study the importance of music in television, radio and the recording industry, particularly its role in commercials and the "selling" of products, people and programming. In addition, a substantial portion of the course will be devoted to the technology that has led to today's sophisticated performances and recording techniques.

HU 240 Graphic Design in the 20th Century

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

Throughout history, artists and designers have created visual works that help to define historical eras. In this course, students will examine and analyze the most prominent design styles of the past one hundred years. They will learn the defining features and major proponents of each style as well as how each style fits within its historical context. They will then use the knowledge gained to produce designs that respond to past styles in an engaged, knowledgeable way. Course performance will be evaluated on student effort and growth as opposed to artistic talent.

HU 242 The Automobile and American Culture

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

Undeniably, the automobile has had an enormous impact on American culture. A majority of Americans rely on individual transportation daily, but the car is more than a means of heading to work. Automobiles impact our personal independence, our choice of employment, the country and world economies, the environment, and our social culture. The Automobile and American Culture is a course designed to study the broad impact that the automobile has and continues to have on our nation and the world. Students will examine the automobile through historical documents, films, photographs, and music.

HU 244 Science Fiction

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

Isaac Asimov called science fiction "the literature of change." The course will analyze films, short stories, and a classic science fiction novel to understand the ways this popular genre entertains us and gives us insight into the impact science and technology has had on us.

HU 289 Racing Through Film

4 Class Hours 4 Quarter Credit Hours

Racing Through Film is a course dedicated to examining how the sport of motor racing has been explored through film. Through reading, discussion and viewing films we will consider such issues as the history of racing, questions of masculinity and the often countercultural and rebellious nature of racing, with particular interest in the anti-hero figure.

HU 291 Critical Thinking and Chess

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

This course teaches critical thinking and problem-solving skills by using the game of chess as an empirical model for evaluating situations, calculating risks, predicting the consequences of possible actions, solving problems efficiently, and investigating the benefits and limits of reasoning and creative play. Students will demonstrate those skills by solving a wide variety of tactical and strategic problems in chess, by writing a thoughtful analysis of the qualities necessary for a successful thinker/problem solver,



and by applying those qualities to situations in one's personal life and career. Chess will be used as a model for critical thinking skills and life skills.

Japanese (Arts/Foreign Language Core)

JP 201 Introduction to Japanese

4 Class Hours 4 Quarter Credit Hours

Students will be introduced to the basics of Japanese, (speaking, listening, reading, and writing) with an emphasis on comprehension and speaking. Vocabulary used in everyday communication in the workplace, school, and common social situations will be covered. Contemporary Japanese society will be addressed in class discussions and video presentations including, but not limited to art, education, film (in particular animé), food, literature, music, sports, and technology. Japanese technological invention and know-how, as well as the unique challenges of doing business with the Japanese will be studied. Japanese guest speakers will be invited to share their expertise and experiences.

Mathematics (Math/Science Core)

MA 100 Introduction to College Math with Lab

2 Class Hours 4 Lab Hours 4 Quarter Credit Hours

Prerequisite: Placement exam

Topics to be covered in this lab-based introductory algebra course include operations with signed numbers, rules for exponents, polynomial operations, solutions to linear equations in one variable, and several applications important to various programs.

MA 105 Basic College Math with Lab

4 Class Hours 2 Lab Hours 5 Quarter Credit Hours

Prerequisite: Placement exam

Topics to be covered in this lab-based introductory algebra course include operations with signed numbers, rules for exponents, polynomial operations, solutions to linear equations in one variable, and several applications important to various programs.

MA 109 Math for Life Science

4 Class Hours 4 Quarter Credit Hours

This course is designed to assist in the understanding of the proper techniques needed to perform accurate dosage calculations; vital signs in order to ensure patient safety. This course will focus on developing the mathematical skills, critical thinking and quantitative reasoning methods needed to apply medical language and systems of measurement to solve problems in a variety of healthcare settings.

MA 110 Introduction to College Math

4 Class Hours 4 Quarter Credit Hours

Prerequisite: Placement exam

Topics to be covered in this introductory algebra course include operations with signed numbers, rules for exponents, polynomial operations, solutions to linear equations in one variable, and several applications important to various programs.

MA 121 Business Math

4 Class Hours 4 Quarter Credit Hours

Prerequisite: MA 100/110 or MA 105 or MA 106 or MA 109

This is an elementary applied course studying such business topics as interest rates, discounts, payrolls, markups, depreciation, insurance, mortgages, and basic statistics.



MA 125 Technical Math I

4 Class Hours 4 Quarter Credit Hours

Prerequisite: MA 105 or MA 100/110

Topics to be studied include the analytic geometry of a straight line, systems of linear equations, trigonometry, vectors and their applications, and quadratic equations.

MA 200 Applied Math for Business

4 Class Hours 4 Quarter Credit Hours

Prerequisite: MA 105 or MA 100/110

MA 200 is designed to help with the transition from basic algebra to more advanced business-related courses, such as statistics and finance. Applications will be stressed throughout the course. Specific topics include linear functions, quadratic functions, descriptive statistics, exponential functions, and annuities.

MA 210 Technical Math II

4 Class Hours 4 Quarter Credit Hours

Prerequisite: MA 125

The following four major topics and their applications will be studied: Cramer's Rule, exponential and logarithmic functions, trigonometry, and complex numbers.

Physics Courses (Math/Science Core)

PHY 126 Applied Physics & Lab

3 Class Hours 2 Lab Hours 4 Quarter Credit Hours

Prerequisite: MA 100/110 or MA 109

This course studies the applications of fundamental concepts of physics. The topics covered include: the motion of objects, the forces that cause motion, velocity, acceleration, Newton's Laws, torques, work, power, and energy. The laboratory component is designed to give students the opportunity to have hands-on experience with the fundamental concepts of physics studied in the theory portion of the course.

PHY 200 Physics I & Lab

3 Class Hours 2 Lab Hours 4 Quarter Credit Hours

Prerequisite: MA 125

This course is a non-calculus approach to the study of fundamental physics and includes kinematics and dynamics of bodies, velocity, acceleration, and Newton's laws of motion, forces in equilibrium, concurrent and non-concurrent forces, work, power, energy, and torque. Labs are performed within the course to reinforce concepts.

Psychology (Social Sciences Core)

PS 140 Life-Span Development

4 Class Hours 4 Quarter Credit Hours

The purpose of Life-Span Development is to introduce students to the broad concepts of human growth and development from conception to death. Students will be introduced to human development from the prenatal stage to death with particular emphasis placed on early childhood, adolescence and old age.

The course is especially designed for students entering the healthcare professions as the slant is toward practical application of all stages. Upon completion of the course, students should be able to demonstrate a basic knowledge of the developmental stages of life.



PS 201 Introduction to Psychology

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

This introductory course in psychology is a survey of the multiple aspects of human behavior. It includes, but is not limited to, such topics as the history of psychology, the biological foundations of behavior, memory, learning, personality, psychological disorders and treatment and social behavior. Importantly, this course will be geared to stress those areas of more practical significance for those in medical service fields.

PS 202 Psychology of Healthcare

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100 or EN 110

This course addresses the human element of clinical competence in providing health care. Students will explore the psychodynamics of interactions between health care workers and patients, the psychological influences of illness and pain, the psychosocial factors that impact one's effectiveness as a health care team member, the impact of families on a patient's treatment plan, the role of body image in patient responsiveness to treatment, and a variety of other psychosocial factors that influence health care delivery.

PS 203 Psychology of Happiness

4 Class Hours 4 Quarter Credit Hours

This course will explore the psychological principles associated with the experience, feelings and thoughts of happiness. Students will be exposed to a variety of research investigations that have studied different variables that impact happiness. Some of the subtopics discussed in this course include ways to define and measure happiness, differences and similarities in happiness across cultures, happiness and money, and ways to increase happiness.

PS 210 Human Relations in the Workplace

4 Class Hours 4 Quarter Credit Hours

Major skill areas covered in the course include making a good impression with your employer, managing conflict with difficult coworkers, working on a team with diverse groups of people, providing exceptional customer service, and managing on-the-job stressors. This course provides a set of practical human relations techniques that will help students increase the likelihood of job security and career advancement in any current or future job.

Science (Math/Science Core)

SCI 110 Environmental Science

4 Class Hours 4 Quarter Credit Hours

This course will focus on man's interaction with his environment. It will cover current issues like global warming, human population growth, and pollution.

Sociology (Social Sciences Core)

SO 203 Social Problems

4 Class Hours 4 Quarter Credit Hours

This course will examine contemporary social issues from multiple perspectives. Attempts to see the ethics, the arguments and the policy outcomes involved in problems such as drug abuse, crime, poverty and the global environment.



SO 220 Internet and Society

4 Class Hours 4 Quarter Credit Hours

Prerequisite: B- or better in EN 100

Internet and Society is an online course that focuses on the impact of the Internet on our lives. The goal of this course is to encourage students to think deeply and critically about the reality of living in a technology-driven society and how technological change influences work, families, social lives, education, and privacy.

SO 231 Crime and Deviance

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

This course traces the historical development of crime and deviance. A review of the social, physiological, and psychological theories of crime are examined. Topics such as the history of policing and the history of corrections are also reviewed.

Spanish (Arts/Foreign Language Core)

These courses are designed for students with no prior knowledge of Spanish.

SP 201 Introduction to Spanish

4 Class Hours 4 Quarter Credit Hours

This course will introduce students to the Spanish language with an emphasis on the use of Spanish in the workplace. Students will learn to communicate with customers and other employees in Spanish with a focus on basic vocabulary words used in everyday interactions at the workplace. Topics covered include: conversational skills as well as key principles of Spanish grammar and cultural traditions in Spanish-speaking countries.

SP 203 Spanish for Healthcare Workers

4 Class Hours 4 Quarter Credit Hours

This course will introduce students to the Spanish language with an emphasis on the use of Spanish in the workplace. Students will learn to communicate with Spanish speaking patient and family and other employees in Spanish with a focus on basic vocabulary words used in everyday interactions at the workplace. While each class will emphasize conversational skills, the course will also cover some key principles of Spanish grammar and provide some exposure to a variety of cultural traditions in Spanish-speaking countries.

Social Sciences (Social Sciences Core)

SS 140 Criminal Investigations

4 Class Hours 4 Quarter Credit Hours

In this course, students will get exposure to a wide range of interpersonal and scientific factors that are explored by criminal investigators in their efforts to support hypotheses developed to solve a variety of crimes. Some of the course topics will include the appropriate collection of evidence at a crime scene, techniques for interviewing witnesses and suspects, the role of the crime lab, the science of fingerprinting, forensic medicine, and the preparation of testimony that leads to the conviction of criminals.

SS 201 American Government in Action

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

This is an introductory course that will help students understand how the pieces of American government fit together, and how politics continuously affects their lives. Students will examine the roles of interest groups, the media, political parties and the three branches of government. Class discussions about relevant and current political issues will be encouraged.

SS 203 Terrorism and National Security

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

This course examines the challenge contemporary terrorism presents for U.S. national security. It investigates the causes of terrorism and inquires into the motives, objectives, methods, and effectiveness of contemporary terrorist groups with an emphasis on al Qaeda. Analysis of the determinants of American counter-terrorism policies and evaluation of the effectiveness of these initiatives are central themes of the course. As such, evaluation of the roles the invasion of Afghanistan, the Iraq War, covert operations, domestic and foreign internal security initiatives, and global law enforcement operations have played in addressing the terrorist threat are major points of emphasis.

SS 204 Juvenile Justice System in America

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

The course is designed to explore the components of the juvenile justice system in America. The various features, characteristics, policies and concerns about the juvenile justice system are carefully examined. As part of the review, adolescent behavior and influence of the family dynamic will be discussed. The detention of juveniles, the various programs focused on the diversion of youths from the juvenile justice system, rehabilitation programs and prevention programs will also be reviewed.

SS 206 Constitutional Values in the 21st Century

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

This course is an introduction to constitutional law and will utilize a historical examination of major United States Supreme Court decisions to better understand contemporary federal and state judicial interpretations of constitutional theory and individual freedoms. It will focus on government powers, the federal court system and judicial review. It will also closely examine those individual freedoms guaranteed under the Bill of Rights and will critically analyze the controversial issues of gun control and the death penalty. Students will also understand how the interpretation of the Constitution involves the application of individual and societal values. These topics will be reinforced through case briefs, persuasive essays, current event worksheets, group activities, debates and media presentations.

SS 221 Technology and American Life

4 Class Hours 4 Quarter Credit Hours

Prerequisite: EN 100

The course, based on abstract thinking and analysis, examines the interactive relationship between technology and society over historic time and across geographic space. The course will address basic questions about technology and its place in society. Students will be able to evaluate the impact of social change on their lives, and the impact of their technology on changing the social system.

SS 222 Mindful Living

4 Class Hours 4 Quarter Credit Hours

On a single day, how often do you find yourself pulled in multiple directions? In a world inundated with information, and increasingly demanding of our time and attention, it can be overwhelming to know how to even begin prioritizing what is important. What if there were something you could do to increase your productivity, reduce anxiety and stress, and be more fully present in your daily experiences? Welcome to the practice of mindfulness –sustained, purposeful, moment-to-moment attention without judgement. Research studies have shown that a regular mindfulness practice yields concrete physical and emotional benefits, including reduced stress, decreased physical pain, increased concentration, and a happier mindset. In this course, you will learn different ways to practice mindful living.

Questions and Answers

1. When do my classes meet?

Days: Technical classes normally meet for at least three hours a day for up to five days a week. Classes normally begin in the early morning (7:45), late morning (usually 11:25), or mid-afternoon. Your class starting time will be confirmed on registration day. The time slot for your program may vary from term to term.

In addition, to achieve your associate degree, you will take a total of eight liberal arts courses which will be scheduled around your respiratory class schedule over the course of your entire program. Each liberal arts course meets approximately four hours per week. Liberal arts courses are offered day, evening and Saturdays. Some liberal arts courses are available through distance education.

At the beginning of each term you will receive a detailed schedule giving the exact time and location of all your classes. The College requires that all students be prepared to take classes and receive services at any of NEIT's locations where the appropriate classes and services are offered.

When a regularly scheduled class falls on a day which is an NEIT observed holiday (Columbus Day, Veterans Day, Martin Luther King, Jr. Day, and Memorial Day), an alternate class will be scheduled as a make up for that class. The make-up class may fall on a Friday. Students should be prepared to attend clinical courses when the regularly scheduled class falls on a day which is an NEIT observed holiday (such as Columbus Day, Veterans Day, Martin Luther King, Jr. Day, and Memorial Day). It is the student's responsibility to take note of when and where classes are offered.

2. How large will my classes be?

The average size for a class is about 20 to 25 students; however, larger and smaller classes occur from time to time.

3. How much time will I spend in lab?

Almost half of your technical courses consist of laboratory work. In order for you to get the most out of your laboratory experiences, you will first receive a thorough explanation of the theory behind your lab work.

4. Where do my classes meet?

Students should be prepared to attend classes at any of NEIT's classroom facilities: either at the Post Road, Access Road or East Greenwich campus.

5. I have not earned my high school diploma or GED: can I enroll in an Associate Degree Program?

A candidate for admission to an associate degree program must have a high school diploma, have earned a recognized equivalency diploma (GED), or meet the federal home school requirements.

6. How long should it take me to complete my program?

To complete your degree requirements in the shortest possible time, you should take the courses in the order outlined in the prescribed curriculum. For a typical six-term curriculum, a student may complete the requirements in as little as 18 months.

To complete all your degree requirements in the shortest time, you should take at least one liberal arts course each term. Students who need more time to complete their curriculum may postpone some of the liberal arts courses until after the completion of the technical requirements. Students are provided up to two additional terms of study to complete the liberal arts requirements without any additional tuition assessment fee. During these additional terms of study, students are required to pay all applicable fees. Students may also elect to complete some of their liberal arts requirements during Intersession, a five-week term scheduled between Spring and Summer Quarters. Students will not be assessed any

additional tuition for liberal arts courses taken during the Intersession but may be assessed applicable fees.

Students wishing to extend the number of terms to complete the required technical courses in their curriculum will be assessed additional tuition and fees.

7. Is NEIT accredited?

NEIT is accredited by the New England Commission of Higher Education (formerly the Commission on Institutions of Higher Education of the New England Association of Schools and Colleges, Inc.). Accreditation by NECHE is recognized by the federal government and entitles NEIT to participate in federal financial aid programs. Some academic departments have specialized professional accreditations in addition to accreditation by NECHE. For more information on accreditation, see NEIT's catalog.

8. Can I transfer the credits that I earn at NEIT to another college?

The transferability of a course is always up to the institution to which the student is transferring. Students interested in the transferability of their credits should contact the Office of Teaching and Learning for further information.

9. Can I transfer credits earned at another college to NEIT?

Transfer credits will be considered for admission on the basis of achieving a 3.0 GPA in each of the courses equivalent to EN 200 Workplace Communications (or EN 110 Healthcare Communications), EN 100 Introduction to College Writing, and MA 100/110 Introduction to College Math. Transfer credit for other appropriate courses, including BIO and RC technical courses, taken at an accredited institution will be considered for courses in which the student has earned a "B-" or above. An official transcript from the other institution must be received before the end of the first week of the term for transfer credit to be granted for courses to be taken during that term. Students will receive a tuition reduction for the approved technical courses based on the program rate and will be applied against the final technical term of the curriculum's tuition amount. No tuition credit is provided for courses which are not a part of the technical curriculum.

10. What is the "Feinstein Enriching America" Program?

New England Institute of Technology is the proud recipient of a grant from the Feinstein Foundation. To satisfy the terms of the grant, the College has developed a one-credit community enrichment course which includes hands-on community enrichment projects. The course can be taken for a few hours per term, spread over several terms. Students who are already engaged in community enrichment on their own may be able to count that service towards course credit.

11. How many credits do I need to acquire my Financial Aid?

In order to be eligible for the maximum financial aid award, you need to maintain at least 12 credits per academic term.

12. What does my program cost?

The cost of your program will be as outlined in your enrollment agreement, along with your cost for books and other course materials. Students who decide to take more terms than the enrollment agreement describes to complete the technical courses in their curriculum will be subject to additional fees and possible additional tuition costs. Students who elect to take the technical portion of the degree requirements at a rate faster than the rate prescribed in the curriculum and the enrollment agreement will be assessed additional tuition.

Students who require prerequisite courses will incur additional tuition and fees above those outlined in their enrollment agreement.

If a student elects to take a course(s) outside of the prescribed curriculum, additional tuition and fees will be assessed.

Remember, students who withdraw and re-enter, one time only, pay the tuition rate that was in effect for them at the time of their last day of attendance for up to one year from their last day of attendance. Second re-entries and beyond pay the tuition rate in effect at the time they re-enter. The most economical way for you to complete your college degree is to begin your program now and continue your studies straight through for the six terms necessary to complete your degree requirements.

13. What kind of employment assistance does NEIT offer?

The Office of Career Services assists NEIT students and graduates in all aspects of the job search, including resume writing, interviewing skills, and developing of a job search strategy. Upon completion of their program, students may submit a resume to the Career Services Office to be circulated to employers for employment opportunities in their fields. Employers regularly contact us about our graduates. In addition, our Office of Career Services contacts employers to develop job leads. A strong relationship with employers exists as a result of our training students to meet the needs of industry for over fifty years. No school can, and NEIT does not, guarantee to its graduates employment or a specific starting salary.

14. Where will job opportunities exist?

Graduates have obtained employment in the local area. However, one of the most exciting aspects of this program is the ability to look nationally for employment opportunities.

15. Is there any open lab time?

Yes. The NEIT Respiratory Care skill laboratory will be opened during selected hours for clinical practice. Students are encouraged to attend the lab for skill development. Additionally, the Respiratory Care Simulation Center will be available during selected hours to practice patient scenarios. Patient scenarios enhance successful learning experiences.

16. Is the Respiratory Care program accredited?

The Respiratory Care program at New England Institute of Technology, CoARC program number 200599, at the associate degree level and campus located at One New England Tech Boulevard, East Greenwich, Rhode Island is accredited by the Commission on Accreditation for Respiratory Care (www.coarc.com).

Commission on Accreditation for Respiratory Care
1248 Harwood Road
Bedford, Texas 76021-4244
(817) 283-2835

17. Is there any state or federal licensing required in my field?

Yes. All states except Alaska require respiratory therapists to be licensed. State licenses are usually based on the results of the National Board for Respiratory Care's (NBRC's) entry-level and advanced-level examinations. Note that a felony conviction may affect a graduate's ability to sit for the NBRC examinations or attain state licensure.

18. Will this program prepare me for the national certification & registration examinations?

Yes. Students who complete the Associate in Science in Respiratory Care program are eligible to sit for the National Board for Respiratory Care (NBRC) Therapist Multiple Choice (TMC) examination. The TMC examination objectively measures essential knowledge, skills, and abilities required of respiratory therapists for entry into practice. Students, upon successful completion of their degree requirements, can take the national TMC exam and upon passing with the NBRC low cut/pass score achieve the entry-level Certified Respiratory Therapist (CRT) credential and apply it to the state board of respiratory care in the state they choose to practice (currently 49 states require licensure). Additionally, if the NBRC high cut/pass score on the TMC exam is achieved then students are eligible to sit for the NBRC Clinical Simulation Examination (CSE) which is required for the advanced-level Registered Respiratory Therapist

(RRT) credential. The NBRC TMC and CSE exams do not need to be taken again once a student has passed the exam as long as the minimum number of Continuing Respiratory Care Education (CRCE) hours are maintained as required by the NBRC and state licensure boards. Additional student costs are associated with the entry-level and advanced-level national examinations. The costs and requirements associated with state licensure vary from state to state.

19. When I graduate, will I be a Respiratory Therapist?

No. Upon completing the program, you will receive an Associate in Science Degree in Respiratory Care. This program will prepare you for the entry-level and advanced-level exams administered by the NBRC. An individual must achieve the “low pass” score to obtain the entry-level Certified Respiratory Therapist (CRT) credential and to be eligible for state licensure. An individual who “high passes” the TMC exam obtains the CRT credential and is qualified to sit for the Clinical Simulation Examination (CSE) to obtain the advanced-level Registered Respiratory Therapist (RRT) credential administered by the NBRC. Additional student costs are associated with the entry-level and advanced-level national examinations. The costs and requirements associated with state licensure vary from state to state.

20. Does this program have a dress code?

Appropriate attire will be required during your laboratory and fieldwork training. Specific dress codes will be provided to you prior to the laboratory and fieldwork training. Students will be required to purchase a laboratory coat and scrub attire. It is understood that in a professional work environment, clothing must adhere to the standards of the profession and be practical to allow the individual to carry on his/her job responsibilities.

21. What is a Respiratory Therapist?

A respiratory therapist (RT), also known as a respiratory care practitioner (RCP), is an individual who assesses, treats, and monitors patients with disorders of the cardiopulmonary system. Practicing under the guidance of a physician, RTs can perform a wide array of diagnostic and therapeutic procedures on adult, pediatric, and newborn patients.

22. What does a Respiratory Therapist do?

Typical responsibilities for a respiratory therapist include interviewing and examining patients with breathing problems, performing diagnostic studies such as obtaining and analyzing arterial blood gases, pulmonary function testing, hemodynamic monitoring, and polysomnography. RTs can administer aerosolized medications, initiate mechanical ventilation, perform bronchopulmonary hygiene, maintain airway patency, and provide cardiopulmonary resuscitation.

Respiratory therapists play an integral role in the development and monitoring of a patient's cardiopulmonary treatment plan. RTs utilize evidence-based medicine to educate patients, families, and the community regarding cardiopulmonary wellness, disease prevention and management.

23. Where do Respiratory Therapists work?

RTs work in a variety of healthcare environments such as hospitals, long-term care facilities, rehabilitation centers, skilled nursing facilities, homecare agencies, sleep disorder centers, clinical transport operations, physician offices, wellness clinics, educational institutions, traveling agencies, and medical equipment sales and service providers.

24. Will I actually have the opportunity to practice these skills in a real professional environment while still in school?

Yes. The RC Program will provide you with a clinical laboratory. During course work and laboratory training, you will have the opportunity to practice skills used by the RT in clinical settings. Level I and Level II Clinical Education will require students to actually go to facilities which provide respiratory care services. You will have the opportunity to experience the duties which you will perform on the job.

25. How much time will I spend in practice settings while still in school, and how will that course work?

Clinical education will be provided in two parts during your academic program. The clinical course work requires that you attend an off-campus facility selected by the university. Clinical education training is provided in facilities such as hospitals, skilled-nursing homes, rehabilitation centers, sleep centers, homecare agencies and a variety of community-based settings.

26. Where do I go for the Respiratory Clinical? Will that site be provided for me or must I find a site on my own?

Clinical rotations are completed at various hospital, community, and healthcare facilities throughout the states of Rhode Island, Massachusetts, and Connecticut. The clinical experiences may be held on weekends, and weekday morning and evening time schedules and holidays. The clinical rotations will be assigned to the student. The College cannot guarantee that placement for internships will be in or near the student's hometown. The Commission on Accreditation for Respiratory Care (CoARC) requires that a student cannot complete fieldwork at a facility in which the student is an employee.

Students may be required to commute up to an hour from their home. The College does not provide transportation to internship sites. The College does not reimburse students for traveling expenses (parking, mileage, etc.). Students should be prepared to attend clinical experiences when and where they are assigned. The hours and locations will vary from term to term.

27. If I should experience a disruption in my Respiratory Care (RC) courses, due to illness, or other reasons, is there a way to make up the course work?

Students unable to complete coursework or clinical training due to illness or other unforeseen problem will need to consult with their student advisor and the Chair of the Respiratory Care program to determine the appropriate plan of action as per NEIT's policies and procedures.

28. Do I need to maintain a certain grade point average?

1. Students are required to maintain a cumulative grade point average of at least 2.67 (B-) throughout the program. For all terms, a grade of B- or better must be attained in MA, BIO and RC technical subjects in order to advance to the next term, or to graduate.
2. Students who fail to achieve the above-stated grades must meet with the RC Department Chair and the Student Advisor for the RC program to discuss modifications to their class schedule. Failing to achieve a required grade may delay a student's graduation date. Failure to progress may also have financial implications. Each student is responsible for meeting with Student Accounts and Financial Aid personnel to discuss his or her individual situation.
3. Students are allowed only one withdrawal from an RC, MA or BIO course during their program of study. Students will be allowed to repeat one RC, MA or BIO course and must earn a grade of B- (80%) or better in the course to remain in the program.
4. A student may repeat only one failed (less than B-) RC course over the course of the program. A student who earns less than a B- in the repeated course or any other RC course will be dismissed from the program.
5. A student may repeat only one failed (less than B-) BIO or MA course over the course of the program. A student who earns less than a B- in the repeated course or any other BIO or MA course will be dismissed from the program.
6. A student who does not earn at least a B- (80%) in either two RC courses, or two BIO or MA courses, or one of each, will be dismissed from the program.
7. A student who fails two RC clinical rotations will be dismissed from the program.

29. Are there any additional costs/activities associated with this program?

All students must have a complete physical examination and required immunizations completed prior to the first respiratory clinical placement. Mumps, Measles, Rubella, Hepatitis B, Varicella immunization or titres, and tetanus immunizations are required. A TB test is required each year. Personal negligence and malpractice insurance is also required by affiliating facilities where internships are scheduled. A certification in Cardiopulmonary Resuscitation (CPR) is required some time before the 3rd academic term through the American Heart Association (CPR-C, Healthcare Provider Course). Additional costs for the



entry-level and advanced-level national exam preparation courses and specialty certifications such as Advanced Cardiac Life Support (ACLS) and Neonatal Resuscitation will be incurred. Uniforms, equipment, laboratory fees and textbooks will also need to be purchased.

30. Where can I purchase a uniform and what kind of uniform do I need?

Students may purchase items for their uniforms online at Alexander's Uniforms <http://aucorporateapparel.com/>. At the site's homepage, click "New England Institute of Technology" from either the icon or the left tab, then select your department from the list. All items are priced to include a 15% discount. If you have any questions, contact Wendy Magnette via email at wmagnette@alexandersuniforms.com or at 401-654-6500.

| | |
|--------------------------------------|--|
| The required uniforms include: | |
| Navy Cherokee 4777 Unisex Scrub Top | \$11.05 (XXS-XL) |
| Navy Cherokee 4100 Unisex Scrub Pant | \$11.90 (XXS-XL, XS S-XL S), \$14.48 (2X-5X), \$13.60 (S T-XL) |
| Identification Pin D23 | \$13.00 ea. |

You may also purchase your uniform items at Alexander's Uniforms at one of their three locations (recommended if you are unsure of the size): 1) *Rhode Island*: Marshall's Plaza, 1 Lambert Lind Highway, Warwick RI 02886, 860-889-7744, 401-654-6500; 2) *Connecticut*: 77 Salem Turnpike, Norwich, CT 06360, 781-762-1449; 3) *Massachusetts*: 500 Providence Highway, Norwood MA 02062. A Student ID is needed to ensure you receive your 15% discount at checkout.

31. Do I need to have a Criminal Background check?

The Joint Commission requires all healthcare facilities which they accredit to perform criminal background checks on students. Prior to entering fieldwork, students will be required to undergo a criminal background check. In addition to the criminal background check required by The Joint Commission, some clinical sites may also require a national criminal background check. It will be necessary for students to sign a Consent and Disclaimer permitting NEIT to perform a criminal background check and a Release and Authorization permitting NEIT to disclose the results of the criminal background check to a clinical site where the student is being considered for placement. In the event that a criminal conviction or pending criminal federal, state or local charge occurs after a criminal background check has been performed, the student must undergo an updated background check. If a background check reveals any criminal convictions, the student may be disqualified from a clinical placement or employment in the field. When a student is declined a placement by a site as a result of a positive background check, another attempt will be made to place a student in a clinical site. Students assume the cost for all background checks.

NEIT makes no guarantee that once a student is matriculated, the student will be able to attend any fieldwork training setting, sit for the national certification or gain licensure if the student has a prior criminal conviction. This is the student's responsibility to discover what they must do to manage a positive criminal background investigation.

32. Must I attend classes during the summer 5-week intersession?

The liberal arts courses need to be completed by Term 5. This may include having to take up to two liberal arts classes during Intersession.

33. Are there any behavior standards for this program?

Respiratory students are expected to exhibit professional behavior on an ongoing basis. This behavior will be assessed on a continual basis and will not only encompass grades, but also adherence to classroom protocol, laboratory safety, attendance, participation and preparedness for class, appearance, ability to work as a team member, and general professional behavior. Clinical placement is dependent on the above.

34. Are there evening classes?

Currently there are no Respiratory Care evening classes offered in the respiratory program. However, students may choose to take their liberal arts classes during evening hours, on Saturday or online.

35. Which personal traits fit best with a career in Respiratory Care?

Students need good study habits and excellent critical thinking and problem-solving skills. Confidence, reliability, perseverance, and an eagerness to learn will guide you in your pursuit to help others as a respiratory therapist.

36. Is there a Polysomnography Specialty Option in this program?

At this time there is no Polysomnography Specialty Option in this program. Consideration is being given to offering this option sometime in the future.

Professional Standards for Respiratory Care Program

The Respiratory Care program policies will adhere to all of the standards set forth by the Commission on Accreditation for Respiratory Care (CoARC). Students enrolled in NEIT's Respiratory Care program will be held to the American Association for Respiratory Care's (AARC's) "Statement of Ethics and Professional Conduct" listed below:

AARC Statement of Ethics and Professional Conduct

In the conduct of professional activities, the Respiratory Therapist shall be bound by the following ethical and professional principles. Respiratory Therapists shall:

- Demonstrate behavior that reflects integrity, supports objectivity, and fosters trust in the profession and its professionals.
- Seek educational opportunities to improve and maintain their professional competence and document their participation accurately.
- Perform only those procedures or functions in which they are individually competent and which are within their scope of accepted and responsible practice.
- Respect and protect the legal and personal rights of patients, including the right to privacy, informed consent and refusal of treatment.
- Divulge no protected information regarding any patient or family unless disclosure is required for the responsible performance of duty authorized by the patient and/or family, or required by law.
- Provide care without discrimination on any basis, with respect for the rights and dignity of all individuals.
- Promote disease prevention and wellness.
- Refuse to participate in illegal or unethical acts.
- Refuse to conceal, and will report, the illegal, unethical, fraudulent, or incompetent acts of others.
- Follow sound scientific procedures and ethical principles in research.
- Comply with state or federal laws which govern and relate to their practice.
- Avoid any form of conduct that is fraudulent or creates a conflict of interest, and shall follow the principles of ethical business behavior.
- Promote health care delivery through improvement of the access, efficacy, and cost of patient care.
- Encourage and promote appropriate stewardship of resources.



Technical Standards

In addition to the acquisition of the appropriate knowledge in the sciences and humanities, the faculty of the New England Institute of Technology Respiratory Care program are committed to the education of all qualified individuals. The essential requirements for the successful completion of an Associate in Science Degree in Respiratory Care are described below. The student needs to demonstrate the following skills and abilities, with or without reasonable accommodation. When a student's ability to perform is compromised, the student must demonstrate alternative means and/or abilities to perform the essential functions of the respiratory care student described below.

Cognitive Abilities

Frequency* Ability

Frequency Key: O = Occasionally (1-33%); F = Frequently (34-66%); C = Constantly (67-100%)

- C Process, synthesize, organize and learn new material.
- C Plan a variety of activities.
- C Obtain information for processing through primary senses.
- C Problem solve independently.
- F Utilize basic math concepts for measurement and construction tasks.
- C Imitate or mimic role modeling of professional skills and behaviors
- C Perceive events realistically, think rationally and clearly to function in routine and emergency situations
- C Follow written or verbal instructions.

Communication Abilities

Frequency* Ability

Frequency Key: O = Occasionally (1-33%); F = Frequently (34-66%); C = Constantly (67-100%)

- C Communicate effectively with faculty, patients, staff and other professionals.
- C Orally report data and observations.
- C Read English sufficiently to understand and comprehend college level text books, written protocols, documentation in patient's chart, information necessary for documentation, evaluation, and package directions.
- C Write English sufficiently to record legibly, course assignments and provide documentation for patient's chart.
- C Express thoughts clearly and succinctly.

Cultural Abilities

Frequency* Ability

Frequency Key: O = Occasionally (1-33%); F = Frequently (34-66%); C = Constantly (67-100%)

- C Communicate accurately, sensitively, and effectively with clients and professionals from different cultural and social backgrounds. Includes expression and reception of non-verbal behaviors.

Behavioral/Social Abilities

Frequency* Ability

Frequency Key: O = Occasionally (1-33%); F = Frequently (34-66%); C = Constantly (67-100%)

- C Adjust to a variety of individuals and their distinct needs.
- C Maintain a professional attitude during all work performance.
- F Adjust to changes in scheduling and flexibility to meet department or facility needs.
- C Respect the integrity of all human beings and right for all



- individuals to receive appropriate treatment.
- C Identify one’s own strengths and weaknesses and to request assistance when needed.
- C Maintain emotional stability and the maturity necessary to interact with other members of the faculty, students and professionals in a responsible manner.

Physical Abilities

Frequency* Ability

Frequency Key: O = Occasionally (1-33%); F = Frequently (34-66%); C = Constantly (67-100%)

- F Lift to carry or maneuver equipment weighing up to 60 lbs.
- O Transfer or maneuver individuals weighing up to 200 lbs.
- F Transfer patients to heights of up to 19 inches by lifting.
- C Use physical strength, coordination, and mobility to effectively operate and maintain equipment, safely move clients, carry out procedures, and provide interventions.
- F Kneel, crouch, crawl, bend, and maneuver in and out of various positions to address client and equipment needs.
- F Kneel to assist patients or to work in pediatrics.
- C Utilize safe body mechanics (ergonomics) for lifting, pushing, and pulling.
- C Navigate through various environments in a safe manner.
- F Reach to obtain items overhead.
- F Tolerate activities such as sitting or standing for extended periods of time and to respond to emergency situations.
- C Be mobile within the work facility.
- C Move from sitting to standing, walking and weight shifting to assist in the maintenance of a patient’s posture or position for treatment intervention.

Manual Abilities

Frequency* Ability

Frequency Key: O = Occasionally (1-33%); F = Frequently (34-66%); C = Constantly (67-100%)

- C Manipulate fine motor tasks for testing and treatment; modalities.
- F Locate and palpate correct anatomical location for treatment.
- C Assess changes in a client’s cardiopulmonary status
- C Use assistive technology, computer, typing, writing for documentation.
- C Gross motor skills sufficient to guide patients in physical skills development to manage patients during transport, transfer training, bedside treatment, and other tasks.
- C Sufficient manual dexterity and mobility to move equipment independently for treatment and evaluative purposes.
- C Sufficient motor function and sensory abilities to participate effectively in the classroom laboratory and clinical setting.

Sensory Abilities

Frequency* Ability

Frequency Key: O = Occasionally (1-33%); F = Frequently (34-66%); C = Constantly (67-100%)

Visual

- C Observe patients during treatment.
- C Use modalities safely.
- C Acute enough to read small printed labels on medications

Auditory

- C Receive verbal directions in English.
- C Acute enough to hear and understand words spoken by staff and patients.



- Tactile**
- F Identify hot and cold.
- Olfactory**
- F Distinguish smells which are contributory to assessing and/or maintaining a client's health status or environmental safety

Environmental Abilities

Frequency* Ability

Frequency Key: O = Occasionally (1-33%); F = Frequently (34-66%); C = Constantly (67-100%)

- O Work in areas where personal boundaries may be violated (i.e. hugging from clients or other uncontrolled behaviors)
- C Work in areas of exposure to infectious waste, bodily fluids, wet, or humid conditions.
- O Work under stressful conditions and irregular hours while reacting calmly to emergency situations