

Emergency Medical Technology-Paramedic Program*

A Joint Admissions Program with the University of Medicine and Dentistry

Division of Allied Health — Curriculum Code: 2109

Will Earn Upon Program Completion: Associate in Applied Science (A.A.S.) Degree

Why major in EMT-Paramedic?

The Emergency Medical Technology-Paramedic program is a joint program offered by Essex County College and the University of Medicine and Dentistry of New Jersey. The program prepares EMT students on a technical level by providing them with a combination of theoretical knowledge and practical/clinical experience. The technical skills that students develop through their clinical experience will enable them to carry out effective emergency aid under the supervision of a paramedic. The program is accredited by the Office of Emergency Medical Services (OEMS).

If I major in EMT-Paramedic, can I transfer to an upper division college or university?

The major is job-oriented and not designed for transfer to a baccalaureate program. However, colleges and universities including Thomas Edison State College and the University of Medicine and Dentistry of New Jersey will apply most or all of the courses you have taken toward a bachelor's degree.

Are there any requirements I must satisfy before I start taking courses in my major?

Prior to being considered for acceptance into the EMT-Paramedic program, the applicant must meet the following conditions:

- At least 18 years of age
- A high school diploma or GED
- Current NJ certification as an EMT-B
- Current American Heart Association BLS for healthcare providers course completion status or equivalent
- Good general health documented by successfully passing a complete physical examination given by the applicant's physician
- Must possess and demonstrate college level skills in reading, English, and mathematics.

The minimum passing grade for all courses designated BIO, CHM, or EMT is "C." If you earn a grade below "C," you need to repeat the course.

How long will it take for me to complete this degree?

Following admission into the EMT-Paramedic program, the course work is completed within four academic semesters and one summer session as a full-time student.

Where should I direct specific questions about this program?

Call the Division at (973) 877-3354/3496 or Admissions at (973) 877-1941.

Upon completion of this program, graduates will be able to:

- ◆ Take the National Registry EMT-P examination;
- ◆ Provide advanced airway management;
- ◆ Perform manual defibrillation;
- ◆ Administer medications;
- ◆ Perform phlebotomy and intravenous insertion;
- ◆ Acquire advanced patient assessment skills; and
- ◆ Administer advanced cardiac life support (ACLS).

***This program is closed to new students.**

Emergency Medical Technology-Paramedic — A.A.S. Degree Program

<p>GENERAL EDUCATION REQUIREMENTS: (19 credits)</p> <p>Communications (6 credits) ENG 101 College Composition I 3 ENG 102 College Composition II or ENG 105 Technical Writing 3</p> <p>Social Science (6 credits) PSY 101 General Psychology I 3 SOC 101 Introduction to Sociology 3</p> <p>Lab Science (4 credits) BIO 121 Anatomy & Physiology I 4</p> <p>Humanities (3 credits) Any History course 3</p> <p>MAJOR COURSE REQUIREMENTS: (38-39 credits)</p> <p>CHM 101 College Chemistry I 4 BIO 122 Anatomy & Physiology II 4 BIO 211 Microbiology or BIO 241 Pathophysiology 3-4 EMT 112 Paramedic Applications & Procedures 6 EMT 113 Pre-Hospital Emergency Care I 7 EMT 200 Pre-Hospital Emergency Care II 4 EMT 211 Adv. Concepts in Emergency Care I 4 EMT 212 Adv. Concepts in Emergency Care II 6</p> <p>ADDITIONAL COURSE REQUIREMENTS: (9 credits)</p> <p>PSY 209 Abnormal Psychology or SOC 207 Understanding Death and Dying 3 Two free electives 6</p> <p>Total Credits Required for Degree 66-67</p>	<p>RECOMMENDED SEQUENCE OF COURSES:*</p> <p><u>First Semester</u></p> <p>EMT 112 Paramedic Applications & Procedures 6 BIO 121 Anatomy & Physiology I 4 ENG 101 College Composition I 3 CHM 101 College Chemistry I 4</p> <p><u>Second Semester</u></p> <p>EMT 113 Pre-Hospital Emergency Care I 7 BIO 122 Anatomy & Physiology II 4 ENG 102 College Composition II 3 SOC 101 Introduction to Sociology 3</p> <p><u>Summer</u></p> <p>EMT 200 Pre-Hospital Emergency Care II 4</p> <p><u>Third Semester</u></p> <p>EMT 211 Adv. Concepts in Emergency Care I 4 BIO 211 Microbiology or BIO 241 Pathophysiology 3-4 PSY 101 General Psychology I 3 History requirement 3</p> <p><u>Fourth Semester</u></p> <p>EMT 212 Adv. Concepts in Emergency Care II 6 PSY 209 Abnormal Psychology or SOC 207 Understanding Death and Dying 3 Two free electives 6</p>
---	--

***NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section of the catalog.

Health Science — A.S. Degree Program

<p>GENERAL EDUCATION REQUIREMENTS: (33-36 credits)</p> <p>Communications (6 credits) ENG 101 College Composition I 3 ENG 102 College Composition II or ENG 105 Technical Writing 3</p> <p>Social Science (6 credits) ANT 101, POL 104, PSY 101, or SOC 101 3 Any ANT, POL, PSY, or SOC course 3</p> <p>Lab Science/Math (10-12 credits) A Lab Science sequence and a Math course (100 or higher) or two Math courses (100 or higher) and a Lab Science course 10-12</p> <p>Physical Education (2-3 credits) PHE 119 or HLT 101 2-3</p> <p>Humanities (9 credits) Any 200-level English literature course 3 Any History course 3 ART 100, 101, 102, or 200 or MUS 100, 108, 109, or 117 3</p> <p>MAJOR COURSE REQUIREMENTS: (3-24 credits)</p> <p>Credit from professional program to include, but not limited, to Nursing, Dental Assisting, Dental Hygiene, Health Service Management, Radiography, Respiratory Care, Paramedic, Physical Therapist Assistant, Ophthalmic Dispensing, Medical Laboratory Technician, Military Medic, Ultrasound, and/or any accredited or state licensed post high school allied health training program which is licensed or certified by examination. College credit will be transferred as a block; technical school or certificate credit will be weighted and awarded as a block.</p> <p>ADDITIONAL COURSE REQUIREMENTS: (Remaining credits)</p> <p>Additional courses selected should be based upon the intended major at the transferring institution or intended job function. Select from courses listed in the right column, in consultation with the Health Science advisor.</p> <p>Total Credits Required for Degree 60</p>	<p>ADDITIONAL COURSE REQUIREMENTS (Cont.):</p> <p>Select from the following:</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>ACC 101</td><td>Principles of Accounting I</td><td style="text-align: right;">4</td></tr> <tr><td>BIO 103/104</td><td>General Biology I/II</td><td style="text-align: right;">4/4</td></tr> <tr><td>BIO 121/122</td><td>Anatomy and Physiology I/II</td><td style="text-align: right;">4/4</td></tr> <tr><td>BIO 211</td><td>Microbiology</td><td style="text-align: right;">4</td></tr> <tr><td>BIO 241</td><td>Pathophysiology</td><td style="text-align: right;">3</td></tr> <tr><td>BIO 251</td><td>Pharmacology</td><td style="text-align: right;">3</td></tr> <tr><td>BUS 101</td><td>Business Organization & Mgmt.</td><td style="text-align: right;">3</td></tr> <tr><td>BUS 201</td><td>Principles of Management</td><td style="text-align: right;">3</td></tr> <tr><td>BUS 207</td><td>Leadership and Supervision in Orgs.</td><td style="text-align: right;">3</td></tr> <tr><td>BUS 221</td><td>Human Resource Mgmt.</td><td style="text-align: right;">3</td></tr> <tr><td>CIS 107</td><td>Computer Literacy</td><td style="text-align: right;">3</td></tr> <tr><td>CIS 131</td><td>Microcomputers in Business</td><td style="text-align: right;">3</td></tr> <tr><td>CSC 121/122</td><td>Computer Science I/II</td><td style="text-align: right;">4/4</td></tr> <tr><td>ENG 109</td><td>Effective Speech</td><td style="text-align: right;">3</td></tr> <tr><td>HSC 101</td><td>Introduction to Nutrition</td><td style="text-align: right;">3</td></tr> <tr><td>HSC 109</td><td>Intro. to Medical Terminology</td><td style="text-align: right;">3</td></tr> <tr><td>HSC</td><td>Any other course</td><td style="text-align: right;">3</td></tr> <tr><td>MTH 101/102</td><td>Statistics & Probability I/II</td><td style="text-align: right;">3/3</td></tr> <tr><td>MTH 116</td><td>Medical Mathematical Calculations</td><td style="text-align: right;">1</td></tr> <tr><td>SOC 199</td><td>Behavioral Science for Health Professions</td><td style="text-align: right;">3</td></tr> <tr><td>SOC 201</td><td>Social Gerontology</td><td style="text-align: right;">3</td></tr> <tr><td>SOC 207</td><td>Understanding Death & Dying</td><td style="text-align: right;">3</td></tr> <tr><td>SPN 100</td><td>Practical Spanish</td><td style="text-align: right;">3</td></tr> <tr><td>IDSTXXXX</td><td>UMDNJ courses in Interdisciplinary Studies</td><td style="text-align: right;">9 max.</td></tr> </table> <p>(Note: 5 IDST core courses required for the B.S. are available on the WEB. See the program advisor for details.)</p> <p>RECOMMENDED SEQUENCE OF COURSES:*</p> <p>Sequence of courses will be determined on an individualized basis. See the program advisor for details.</p>	ACC 101	Principles of Accounting I	4	BIO 103/104	General Biology I/II	4/4	BIO 121/122	Anatomy and Physiology I/II	4/4	BIO 211	Microbiology	4	BIO 241	Pathophysiology	3	BIO 251	Pharmacology	3	BUS 101	Business Organization & Mgmt.	3	BUS 201	Principles of Management	3	BUS 207	Leadership and Supervision in Orgs.	3	BUS 221	Human Resource Mgmt.	3	CIS 107	Computer Literacy	3	CIS 131	Microcomputers in Business	3	CSC 121/122	Computer Science I/II	4/4	ENG 109	Effective Speech	3	HSC 101	Introduction to Nutrition	3	HSC 109	Intro. to Medical Terminology	3	HSC	Any other course	3	MTH 101/102	Statistics & Probability I/II	3/3	MTH 116	Medical Mathematical Calculations	1	SOC 199	Behavioral Science for Health Professions	3	SOC 201	Social Gerontology	3	SOC 207	Understanding Death & Dying	3	SPN 100	Practical Spanish	3	IDSTXXXX	UMDNJ courses in Interdisciplinary Studies	9 max.
ACC 101	Principles of Accounting I	4																																																																							
BIO 103/104	General Biology I/II	4/4																																																																							
BIO 121/122	Anatomy and Physiology I/II	4/4																																																																							
BIO 211	Microbiology	4																																																																							
BIO 241	Pathophysiology	3																																																																							
BIO 251	Pharmacology	3																																																																							
BUS 101	Business Organization & Mgmt.	3																																																																							
BUS 201	Principles of Management	3																																																																							
BUS 207	Leadership and Supervision in Orgs.	3																																																																							
BUS 221	Human Resource Mgmt.	3																																																																							
CIS 107	Computer Literacy	3																																																																							
CIS 131	Microcomputers in Business	3																																																																							
CSC 121/122	Computer Science I/II	4/4																																																																							
ENG 109	Effective Speech	3																																																																							
HSC 101	Introduction to Nutrition	3																																																																							
HSC 109	Intro. to Medical Terminology	3																																																																							
HSC	Any other course	3																																																																							
MTH 101/102	Statistics & Probability I/II	3/3																																																																							
MTH 116	Medical Mathematical Calculations	1																																																																							
SOC 199	Behavioral Science for Health Professions	3																																																																							
SOC 201	Social Gerontology	3																																																																							
SOC 207	Understanding Death & Dying	3																																																																							
SPN 100	Practical Spanish	3																																																																							
IDSTXXXX	UMDNJ courses in Interdisciplinary Studies	9 max.																																																																							

***NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section of the catalog.

Human and Social Services Program

Division of Social Sciences — Curriculum Code: 2202

Will Earn Upon Program Completion: Associate in Applied Science (A.A.S.) Degree

Why major in Human and Social Services?

- To obtain a broad-based professional education in preparation for a wide variety of jobs such as: Social services case aide, addiction counselor, youth services worker, gerontology worker, psychiatric technician, crisis counselor;
- To begin a career where you have the satisfaction of helping individuals and communities.

If I major in Human and Social Services, can I transfer to an upper division college or university?

This program is designed for immediate employment. However, four-year institutions will apply most or all of your courses toward a bachelor's degree, depending upon their program requirements. Consult your departmental advisor to obtain information about transferability.

Are there any requirements I must satisfy before I start taking courses in my major?

Based on your placement test scores, you may have to take developmental courses in mathematics, English and/or reading before taking courses at the 100 level and above.

How long will it take for me to complete this degree?

If you do not need developmental course work and you register for an average of 17 credits each semester, you can complete the degree in two years. You may shorten the amount of time by taking courses in the summer sessions.

Where should I direct specific questions about this program?

Contact the Division at (973) 877-3250 for referral to a faculty advisor or counselor, or call Admissions at (973) 877-1941.

Upon completion of this program, graduates will be able to:

- ◆ Demonstrate knowledge of the network of agencies and institutions that provide human and social services to individuals, families, and communities, and also their structure, policies, and procedures;
- ◆ Demonstrate knowledge of the scope, importance, and components of ethical and professional standards of the human services professions and service providers;
- ◆ Demonstrate familiarity with the basic knowledge, skills, and attitudes of professional practice in human services occupations;
- ◆ Demonstrate knowledge of the theoretical approaches that inform human services practice in social work, mental health counseling, and addictions counseling and treatment; and
- ◆ Demonstrate familiarity with the skills involved in engaging clients in a helping relationship and facilitating positive behavioral changes.



Massage Therapy Program

Division of Allied Health — Curriculum Code: 6013
Will Earn Upon Program Completion: Certificate in Massage Therapy

Why major in Massage Therapy?

Massage therapists find their work of helping others personally satisfying and professionally rewarding. Massage involves using manual techniques and adjunctive therapies to relieve the effects of stress, ease tension, and promote health and well-being. Employment is available in a variety of settings including massage offices, medical offices, health clubs, and spas. The field is rapidly growing and many massage therapists choose to specialize in particular areas such as sports massage, Shiatsu, pregnancy massage, relaxation therapy, or onsite massage. Professional growth occurs continuously through the broadening and deepening of manual skills. A growing body of research on massage verifies its benefits. Massage therapists work in conjunction with health care professionals, making referrals as appropriate in response to clients' needs.

If I major in Massage Therapy, can I transfer to an upper division college or university?

The major is career oriented and not designed for transfer to a baccalaureate program. Credits earned in this program can be applied to the Associate of Science degree in the Health Sciences at ECC. Other colleges and universities will apply most or all of the courses you have taken toward a baccalaureate program, depending upon their program requirements.

Are there any requirements I must satisfy before I start taking courses in my major?

All new students must take a basic skills competency test. Based on the results of the test, you may be required to take developmental courses in reading, English, and/or mathematics. A massage session with a professional massage therapist is strongly recommended prior to taking major courses.

How long will it take for me to complete this certificate?

This is a one-year program starting in the fall semester and finishing in the summer term.

Where should I direct specific questions about this program?

Call the Division at (973) 877-3354/3496 or Admissions at (973) 877-1941.

Upon completion of this program, graduates will be able to:

- ◆ Take the National Certification Examination to become certified as a professional massage therapist;
- ◆ Apply massage skills in massage therapy practice;
- ◆ Demonstrate Shiatsu and Swedish massage techniques;
- ◆ Address client needs by easing tensions in specific muscle groups;
- ◆ Work with the general population as well as special populations such as athletes, pregnant clients, and geriatrics for building and maintaining health;
- ◆ Demonstrate massage techniques used in medical settings to assist other care professionals in the healing process;
- ◆ Develop a vision of the ideal business plan and identify steps to achieve it;
- ◆ Prepare client records as well as financial records for success in business practice; and
- ◆ Apply holistic philosophy of massage therapy to complement medical practices.

Massage Therapy – Certificate Program

<p>GENERAL EDUCATION REQUIREMENTS: (11 Credits)</p> <p>Communications (3 credits) ENG 101 College Composition I 3</p> <p>Lab Science (8 credits) BIO 117 Fundamentals of Anat. and Phys. I 4 BIO 118 Fundamentals of Anat. and Phys. II 4 (BIO 121/122 can be substituted for BIO 117/118)</p> <p>MAJOR COURSE REQUIREMENTS: (24 credits)</p> <p>HSC 109 Medical Terminology 3 HSC 151 Massage Theory and Practice I 4 HSC 152 Massage Theory and Practice II 2 HSC 153 Massage Theory and Practice III 4 HSC 155 Profess. Devel. in Massage Ther. I 2 HSC 156 Profess. Devel. in Massage Ther. II 3 HSC 160 Massage Therapist Practicum I 2 HSC 161 Massage Therapist Practicum II 3 HSC 165 Self-Care for the Massage Therapist 1</p> <p>Total Credits Required for Certificate 35</p> <p>The minimum passing grade for all courses designated BIO or HSC is “C”. A grade below “C” requires that the course be repeated.</p>	<p>RECOMMENDED SEQUENCE OF COURSES:*</p> <p><u>First Semester</u></p> <p>HSC 151 Massage Theory and Practice I 4 BIO 117 Fundamentals of Anat. and Phys. I 4 HSC 155 Profess. Devel. in Massage Ther. I 2 HSC 165 Self-Care for the Massage Therapist 1 HSC 109 Medical Terminology 3</p> <p><u>Second Semester</u></p> <p>HSC 152 Massage Theory and Practice II 2 HSC 156 Profess. Devel. in Massage Ther. II 3 HSC 160 Massage Therapist Practicum I 2 ENG 101 College Composition I 3 BIO 118 Fundamentals of Anat. and Phys. II 4</p> <p><u>Summer Term</u></p> <p>HSC 153 Massage Theory and Practice III 4 HSC 161 Massage Therapist Practicum II 3</p>
--	--

***NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section of the catalog.

Nursing Program

Department of Nursing — Curriculum Code: 2104

Will Earn Upon Program Completion: Associate in Applied Science (A.A.S.) Degree

Why major in Nursing?

There is a growing demand for nurses nationwide. Nursing is a service-oriented profession that involves caring for and working with people. A state-of-the-art, well-equipped nursing simulation laboratory is available on campus to facilitate student learning. In addition, a multi-media computer laboratory is available for student use. The nursing program prepares the student for entry-level positions in hospitals and other health care facilities. Upon completion of the program, the student is eligible to sit for the NCLEX exam to qualify to become a registered nurse.

If I major in Nursing, can I transfer to an upper division college or university?

Many colleges have “upper division” nursing programs which allow associate degree graduates to earn a Bachelor of Science in Nursing (B.S.N.). Articulation agreements exist with New York University, New Jersey City University, St. Peter’s College, Felician College, Kean University, Rutgers University, William Paterson University, and Seton Hall University.

Are there any requirements I must satisfy before I start taking courses in my major?

Apply to the college as a pre-nursing student (6000 code). The minimum standards for admission are:

- College level performance in English, reading and mathematics;
- High school diploma or GED;
- Completion of CHM 101 (or CHM 103), BIO 121, and ENG 101 with a “C” or better. BIO 121 must be completed within 5 years of admission. You can repeat a science course one time only;
- College GPA above 2.5;
- Filing an application for admission to the Nursing program by March 15. You must achieve a satisfactory score on the nursing admission exam. All requirements must be completed by the end of the spring semester to be considered. Application to the program is competitive. Qualified applicants are admitted on a “space available” basis.

How long will it take for me to complete this degree?

The Nursing program is a full-time, day program that runs over a two-year period.

Where should I direct specific questions about this program?

Contact the Department at (973) 877-1868 or Admissions at (973) 877-1941

Upon completion of this program, graduates will be able to:

- ◆ Assess clients utilizing Maslow’s Hierarchy of Needs and Erikson’s developmental theory as a framework to contribute to the data base;
- ◆ Use critical thinking when applying the nursing process;
- ◆ Formulate nursing diagnoses when potential and/or actual unmet needs cause health alterations;
- ◆ Develop a plan of care for clients in collaboration with other members of the healthcare team which incorporates clinical decision making, short and long term client-centered goals, and appropriate nursing interventions which are based on scientific rationale;
- ◆ Implement caring interventions, complex nursing skills, and current technology in a safe and competent manner;
- ◆ Evaluate the effectiveness of nursing care based upon established outcome criteria and revise care plan as needed;
- ◆ Implement nursing care responsive to the clients’ cultural diversity and advocacy needs;
- ◆ Employ appropriate communication skills with clients, peers, and members of the health care team in the health care setting;
- ◆ Implement teaching plans to promote health in clients and their families;
- ◆ Practice nursing within the legal and ethical framework of the nursing profession;
- ◆ Demonstrate a commitment to one’s own professional and personal growth; and
- ◆ Manage nursing care for groups of clients within the scope of ADN nursing practice.

Nursing — A.A.S. Degree Program

<p>GENERAL EDUCATION REQUIREMENTS: (20 Credits)</p> <p>Communications (6 credits) ENG 101 College Composition I 3 ENG 102 College Composition II 3</p> <p>Social Science (6 credits) SOC 101 Introduction to Sociology 3 PSY 101 General Psychology I 3</p> <p>Lab Science/Math (5 credits) MTH 116 Medical Mathematics 1 BIO 121 Anatomy & Physiology I 4</p> <p>Humanities (3 credits) Any History course 3</p> <p>MAJOR COURSE REQUIREMENTS: (46 credits)</p> <p>BIO 122 Anatomy and Physiology II 4 CHM 101 College Chemistry I or CHM 103 General Chemistry I 4 BIO 211 Microbiology 4 NRS 107 Nursing I 6 NRS 108 Nursing II 8 NRS 233 Nursing III 9 NRS 234 Nursing IV 9 NRS 235 Nursing V (Nursing Seminar) 2</p> <p>Total Credits Required for Degree: 66</p> <p>The minimum passing grade for all courses designated BIO, CHM, MTH or NRS is “C.” If you earn a grade below “C,” you will need to repeat that course.</p> <p>Note: Consult the program handbook for specific information on licensure requirements.</p>	<p>RECOMMENDED SEQUENCE OF COURSES*</p> <p><u>Prerequisite Courses</u></p> <p>BIO 121 Anatomy and Physiology I 4 CHM 101 College Chemistry I or CHM 103 General Chemistry I 4 ENG 101 College Composition I 3</p> <p><u>First Semester — Fall</u></p> <p>BIO 122 Anatomy and Physiology II 4 NRS 107 Nursing I 6 MTH 116 Medical Mathematics 1 ENG 102 College Composition II 3</p> <p><u>Second Semester — Spring</u></p> <p>NRS 108 Nursing II 8 SOC 101 Introduction to Sociology 3 PSY 101 General Psychology I 3</p> <p><u>Third Semester — Fall</u></p> <p>NRS 233 Nursing III 9 BIO 211 Microbiology 4</p> <p><u>Fourth Semester — Spring</u></p> <p>NRS 234 Nursing IV 9 NRS 235 Nursing V (Nursing Seminar) 2 Any History course 3</p> <p>Note: Students planning to enter the program directly from high school should contact the Nursing Department for information on admission criteria.</p> <p>Note: This Nursing Program is approved by the New Jersey Board of Nursing, 124 Halsey Street, 6th Floor, Newark, New Jersey 07102 (Web address: www.state.nj.us/lps/ca/home.htm Tel: (973) 504-6430), and the National League for Nursing Accrediting Commission (NLNAC), Inc., 61 Broadway, 33rd Floor, New York, New York 10006 (Web address: www.nlnac.org Tel: (800) 669-1656 x153)</p>
--	--

***NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section of the catalog.

Nursing: LPN Articulation Option

Department of Nursing — Curriculum Code: 2104

Will Earn Upon Program Completion: Associate in Applied Science (A.A.S.) Degree

Why should I choose this Option?

The LPN Articulation Option of the Nursing program provides an opportunity for Licensed Practical Nurses to gain credit for previous LPN education and license toward completion of the Associate Degree Nursing Program.

Are there any requirements I must satisfy before I start taking courses in my major?

The student must possess a current LPN/LVN license, a high school diploma or GED, and have the official transcript of state approved or NLN accredited Practical Nursing Program sent to the Nursing Department. Applicants should enter the college as a pre-nursing student (6000 code) and take the college placement test. Completion of any indicated remediation is necessary to proceed to prerequisite courses. The minimum standards for admission are:

- College level performance in English, reading and mathematics;
- College GPA of 2.5 or better;
- Completion of CHM 101 (or CHM 103), BIO 121, and ENG 101 with a “C” or better. BIO 121 must be completed within 5 years of admission. You can repeat a science course one time only;
- A satisfactory score on the Nursing admission exam;
- A minimum of 6 months of current medical-surgical clinical experience.

As the student nears completion of the prerequisites, he/she should apply for admission to the accelerated program. Application deadline is March 15 for admission in October.

How does this Option benefit the LPN?

The LPN can test-out of Nursing I and segments of Nursing II. Upon successful completion of two courses, LPN Mobility I (NRS 106) and LPN Mobility II (NRS 111), students enter Nursing III and can complete the Nursing Program by successfully completing Nursing III, Nursing IV and Nursing V in the generic track. Upon successful completion of the program, graduates are awarded the Associate in Applied Science degree with a major in Nursing and are eligible to sit for the NCLEX-RN. Upon successful completion of NRS 106 and NRS 111, the LPN will be awarded 6 credits of Nursing for their LPN education (NRS 999).

How long will it take me to complete this degree?

The LPN Articulation Option runs over a two-year period.

Where should I direct specific questions about this program?

Call the Department at (973) 877-1868 or Admissions at (973) 877-1941

Upon completion of this program, graduates will be able to:

- ◆ Assess clients utilizing Maslow’s Hierarchy of Needs and Erikson’s developmental theory as a framework to contribute to the data base;
- ◆ Use critical thinking when applying the nursing process;
- ◆ Formulate nursing diagnoses when potential and/or actual unmet needs cause health alterations;
- ◆ Develop a plan of care for clients in collaboration with other members of the healthcare team which incorporates clinical decision making, short and long term client-centered goals, and appropriate nursing interventions which are based on scientific rationale;
- ◆ Implement caring interventions, complex nursing skills, and current technology in a safe and competent manner;
- ◆ Evaluate the effectiveness of nursing care based upon established outcome criteria and revise care plan as needed;
- ◆ Implement nursing care responsive to the clients’ cultural diversity and advocacy needs;
- ◆ Employ appropriate communication skills with clients, peers, and members of the health care team in the health care setting;
- ◆ Implement teaching plans to promote health in clients and their families;
- ◆ Practice nursing within the legal and ethical framework of the nursing profession;
- ◆ Demonstrate a commitment to one’s own professional and personal growth; and
- ◆ Manage nursing care for groups of clients within the scope of ADN nursing practice.

Nursing: LPN Articulation Option — A.A.S. Degree Program

<p>GENERAL EDUCATION REQUIREMENTS: (20 Credits)</p> <p>Communications (6 credits) ENG 101 College Composition I 3 ENG 102 College Composition II 3</p> <p>Social Science (6 credits) SOC 101 Introduction to Sociology 3 PSY 101 General Psychology I 3</p> <p>Lab Science/Math (5 credits) MTH 116 Medical Mathematics 1 BIO 121 Anatomy & Physiology I 4</p> <p>Humanities (3 credits) Any History course 3</p> <p>MAJOR COURSE REQUIREMENTS: (46 credits)</p> BIO 122 Anatomy and Physiology II 4 CHM 101 College Chemistry I or CHM 103 General Chemistry I 4 BIO 211 Microbiology 4 NRS 106 LPN Mobility I* 2 NRS 111 LPN Mobility II* 6 NRS 233 Nursing III 9 NRS 234 Nursing IV 9 NRS 235 Nursing V (Nursing Seminar) 2 NRS 999 LPN Education 6 <p>*Upon successful completion of NRS 106 and NRS 111, the LPN will be awarded 6 credits of Nursing for the LPN education (NRS 999).</p> <p>Total Credits Required for Degree: 66</p> <p>The minimum passing grade for all courses designated BIO, CHM, MTH or NRS is "C." If you earn a grade below "C," you will need to repeat that course.</p> <p>Note: Consult the program handbook for specific information on licensure requirements.</p>	<p>RECOMMENDED SEQUENCE OF COURSES**</p> <p><u>Prerequisite Courses</u></p> BIO 121 Anatomy and Physiology I 4 CHM 101 College Chemistry I or CHM 103 General Chemistry I 4 ENG 101 College Composition I 3 <p><u>First Semester — Fall</u></p> BIO 122 Anatomy and Physiology II 4 NRS 106 LPN Mobility I* 2 MTH 116 Medical Mathematics 1 ENG 102 College Composition II 3 <p><u>Second Semester — Spring</u></p> NRS 111 LPN Mobility II* 6 SOC 101 Introduction to Sociology 3 PSY 101 General Psychology I 3 <p><u>Third Semester — Fall</u></p> NRS 233 Nursing III 9 BIO 211 Microbiology 4 NRS 999 LPN Education 6 <p><u>Fourth Semester — Spring</u></p> NRS 234 Nursing IV 9 NRS 235 Nursing V (Nursing Seminar) 2 Any History course 3 <p>***Note: This Nursing Program is approved by the New Jersey Board of Nursing, 124 Halsey Street, 6th Floor, Newark, New Jersey 07102 (Web address: www.state.nj.us/lps/ca/home.htm, Tel: (973) 504-6430), and the National League for Nursing Accrediting Commission (NLNAC), Inc., 61 Broadway, 33rd Floor, New York, New York 10006 (Web address: www.nlnac.org Tel: (800) 669-1656 x153)</p>
---	---

****NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section of the catalog.

Nursing Program

Department of Nursing — Curriculum Code: 2104

Will Earn Upon Program Completion: Associate in Applied Science (A.A.S.) Degree

Why major in Nursing?

There is a growing demand for nurses nationwide. Nursing is a service-oriented profession that involves caring for and working with people. A state-of-the-art, well-equipped nursing simulation laboratory is available on campus to facilitate student learning. In addition, a multi-media computer laboratory is available for student use. The nursing program prepares the student for entry-level positions in hospitals and other health care facilities. Upon completion of the program, the student is eligible to sit for the NCLEX exam to qualify to become a registered nurse.

If I major in Nursing, can I transfer to an upper division college or university?

Many colleges have “upper division” nursing programs which allow associate degree graduates to earn a Bachelor of Science in Nursing (B.S.N.). Articulation agreements exist with New York University, New Jersey City University, St. Peter’s College, Felician College, Kean University, Rutgers University, William Paterson University, and Seton Hall University.

Are there any requirements I must satisfy before I start taking courses in my major?

Apply to the college as a pre-nursing student (6000 code). The minimum standards for admission are:

- College level performance in English, reading and mathematics;
- High school diploma or GED;
- Completion of CHM 101 (or CHM 103), BIO 121, and ENG 101 with a “C” or better. BIO 121 must be completed within 5 years of admission. You can repeat a science course one time only;
- College GPA above 2.5;
- Filing an application for admission to the Nursing program by March 15. You must achieve a satisfactory score on the nursing admission exam. All requirements must be completed by the end of the spring semester to be considered. Application to the program is competitive. Qualified applicants are admitted on a “space available” basis.

How long will it take for me to complete this degree?

The Nursing program is a full-time, day program that runs over a two-year period.

Where should I direct specific questions about this program?

Contact the Department at (973) 877-1868 or Admissions at (973) 877-1941

Upon completion of this program, graduates will be able to:

- ◆ Assess clients utilizing Maslow’s Hierarchy of Needs and Erikson’s developmental theory as a framework to contribute to the data base;
- ◆ Use critical thinking when applying the nursing process;
- ◆ Formulate nursing diagnoses when potential and/or actual unmet needs cause health alterations;
- ◆ Develop a plan of care for clients in collaboration with other members of the healthcare team which incorporates clinical decision making, short and long term client-centered goals, and appropriate nursing interventions which are based on scientific rationale;
- ◆ Implement caring interventions, complex nursing skills, and current technology in a safe and competent manner;
- ◆ Evaluate the effectiveness of nursing care based upon established outcome criteria and revise care plan as needed;
- ◆ Implement nursing care responsive to the clients’ cultural diversity and advocacy needs;
- ◆ Employ appropriate communication skills with clients, peers, and members of the health care team in the health care setting;
- ◆ Implement teaching plans to promote health in clients and their families;
- ◆ Practice nursing within the legal and ethical framework of the nursing profession;
- ◆ Demonstrate a commitment to one’s own professional and personal growth; and
- ◆ Manage nursing care for groups of clients within the scope of ADN nursing practice.

Nursing — A.A.S. Degree Program

<p>GENERAL EDUCATION REQUIREMENTS: (20 Credits)</p> <p>Communications (6 credits) ENG 101 College Composition I 3 ENG 102 College Composition II 3</p> <p>Social Science (6 credits) SOC 101 Introduction to Sociology 3 PSY 101 General Psychology I 3</p> <p>Lab Science/Math (5 credits) MTH 116 Medical Mathematics 1 BIO 121 Anatomy & Physiology I 4</p> <p>Humanities (3 credits) Any History course 3</p> <p>MAJOR COURSE REQUIREMENTS: (46 credits)</p> <p>BIO 122 Anatomy and Physiology II 4 CHM 101 College Chemistry I or CHM 103 General Chemistry I 4 BIO 211 Microbiology 4 NRS 107 Nursing I 6 NRS 108 Nursing II 8 NRS 233 Nursing III 9 NRS 234 Nursing IV 9 NRS 235 Nursing V (Nursing Seminar) 2</p> <p>Total Credits Required for Degree: 66</p> <p>The minimum passing grade for all courses designated BIO, CHM, MTH or NRS is “C.” If you earn a grade below “C,” you will need to repeat that course.</p> <p>Note: Consult the program handbook for specific information on licensure requirements.</p>	<p>RECOMMENDED SEQUENCE OF COURSES*</p> <p><u>Prerequisite Courses</u></p> <p>BIO 121 Anatomy and Physiology I 4 CHM 101 College Chemistry I or CHM 103 General Chemistry I 4 ENG 101 College Composition I 3</p> <p><u>First Semester — Fall</u></p> <p>BIO 122 Anatomy and Physiology II 4 NRS 107 Nursing I 6 MTH 116 Medical Mathematics 1 ENG 102 College Composition II 3</p> <p><u>Second Semester — Spring</u></p> <p>NRS 108 Nursing II 8 SOC 101 Introduction to Sociology 3 PSY 101 General Psychology I 3</p> <p><u>Third Semester — Fall</u></p> <p>NRS 233 Nursing III 9 BIO 211 Microbiology 4</p> <p><u>Fourth Semester — Spring</u></p> <p>NRS 234 Nursing IV 9 NRS 235 Nursing V (Nursing Seminar) 2 Any History course 3</p> <p>Note: Students planning to enter the program directly from high school should contact the Nursing Department for information on admission criteria.</p> <p>Note: This Nursing Program is approved by the New Jersey Board of Nursing, 124 Halsey Street, 6th Floor, Newark, New Jersey 07102 (Web address: www.state.nj.us/lps/ca/home.htm Tel: (973) 504-6430), and the National League for Nursing Accrediting Commission (NLNAC), Inc., 61 Broadway, 33rd Floor, New York, New York 10006 (Web address: www.nlnac.org Tel: (800) 669-1656 x153)</p>
---	---

***NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section of the catalog.

Nursing: LPN Articulation Option

Department of Nursing — Curriculum Code: 2104

Will Earn Upon Program Completion: Associate in Applied Science (A.A.S.) Degree

Why should I choose this Option?

The LPN Articulation Option of the Nursing program provides an opportunity for Licensed Practical Nurses to gain credit for previous LPN education and license toward completion of the Associate Degree Nursing Program.

Are there any requirements I must satisfy before I start taking courses in my major?

The student must possess a current LPN/LVN license, a high school diploma or GED, and have the official transcript of state approved or NLN accredited Practical Nursing Program sent to the Nursing Department. Applicants should enter the college as a pre-nursing student (6000 code) and take the college placement test. Completion of any indicated remediation is necessary to proceed to prerequisite courses. The minimum standards for admission are:

- College level performance in English, reading and mathematics;
- College GPA of 2.5 or better;
- Completion of CHM 101 (or CHM 103), BIO 121, and ENG 101 with a “C” or better. BIO 121 must be completed within 5 years of admission. You can repeat a science course one time only;
- A satisfactory score on the Nursing admission exam;
- A minimum of 6 months of current medical-surgical clinical experience.

As the student nears completion of the prerequisites, he/she should apply for admission to the accelerated program. Application deadline is March 15 for admission in October.

How does this Option benefit the LPN?

The LPN can test-out of Nursing I and segments of Nursing II. Upon successful completion of two courses, LPN Mobility I (NRS 106) and LPN Mobility II (NRS 111), students enter Nursing III and can complete the Nursing Program by successfully completing Nursing III, Nursing IV and Nursing V in the generic track. Upon successful completion of the program, graduates are awarded the Associate in Applied Science degree with a major in Nursing and are eligible to sit for the NCLEX-RN. Upon successful completion of NRS 106 and NRS 111, the LPN will be awarded 6 credits of Nursing for their LPN education (NRS 999).

How long will it take me to complete this degree?

The LPN Articulation Option runs over a two-year period.

Where should I direct specific questions about this program?

Call the Department at (973) 877-1868 or Admissions at (973) 877-1941

Upon completion of this program, graduates will be able to:

- ◆ Assess clients utilizing Maslow’s Hierarchy of Needs and Erikson’s developmental theory as a framework to contribute to the data base;
- ◆ Use critical thinking when applying the nursing process;
- ◆ Formulate nursing diagnoses when potential and/or actual unmet needs cause health alterations;
- ◆ Develop a plan of care for clients in collaboration with other members of the healthcare team which incorporates clinical decision making, short and long term client-centered goals, and appropriate nursing interventions which are based on scientific rationale;
- ◆ Implement caring interventions, complex nursing skills, and current technology in a safe and competent manner;
- ◆ Evaluate the effectiveness of nursing care based upon established outcome criteria and revise care plan as needed;
- ◆ Implement nursing care responsive to the clients’ cultural diversity and advocacy needs;
- ◆ Employ appropriate communication skills with clients, peers, and members of the health care team in the health care setting;
- ◆ Implement teaching plans to promote health in clients and their families;
- ◆ Practice nursing within the legal and ethical framework of the nursing profession;
- ◆ Demonstrate a commitment to one’s own professional and personal growth; and
- ◆ Manage nursing care for groups of clients within the scope of ADN nursing practice.

Nursing: LPN Articulation Option — A.A.S. Degree Program

<p>GENERAL EDUCATION REQUIREMENTS: (20 Credits)</p> <p>Communications (6 credits) ENG 101 College Composition I 3 ENG 102 College Composition II 3</p> <p>Social Science (6 credits) SOC 101 Introduction to Sociology 3 PSY 101 General Psychology I 3</p> <p>Lab Science/Math (5 credits) MTH 116 Medical Mathematics 1 BIO 121 Anatomy & Physiology I 4</p> <p>Humanities (3 credits) Any History course 3</p> <p>MAJOR COURSE REQUIREMENTS: (46 credits)</p> <p>BIO 122 Anatomy and Physiology II 4 CHM 101 College Chemistry I or CHM 103 General Chemistry I 4 BIO 211 Microbiology 4 NRS 106 LPN Mobility I* 2 NRS 111 LPN Mobility II* 6 NRS 233 Nursing III 9 NRS 234 Nursing IV 9 NRS 235 Nursing V (Nursing Seminar) 2 NRS 999 LPN Education 6</p> <p>*Upon successful completion of NRS 106 and NRS 111, the LPN will be awarded 6 credits of Nursing for the LPN education (NRS 999).</p> <p>Total Credits Required for Degree: 66</p> <p>The minimum passing grade for all courses designated BIO, CHM, MTH or NRS is "C." If you earn a grade below "C," you will need to repeat that course.</p> <p>Note: Consult the program handbook for specific information on licensure requirements.</p>	<p>RECOMMENDED SEQUENCE OF COURSES**</p> <p><u>Prerequisite Courses</u></p> <p>BIO 121 Anatomy and Physiology I 4 CHM 101 College Chemistry I or CHM 103 General Chemistry I 4 ENG 101 College Composition I 3</p> <p><u>First Semester — Fall</u></p> <p>BIO 122 Anatomy and Physiology II 4 NRS 106 LPN Mobility I* 2 MTH 116 Medical Mathematics 1 ENG 102 College Composition II 3</p> <p><u>Second Semester — Spring</u></p> <p>NRS 111 LPN Mobility II* 6 SOC 101 Introduction to Sociology 3 PSY 101 General Psychology I 3</p> <p><u>Third Semester — Fall</u></p> <p>NRS 233 Nursing III 9 BIO 211 Microbiology 4 NRS 999 LPN Education 6</p> <p><u>Fourth Semester — Spring</u></p> <p>NRS 234 Nursing IV 9 NRS 235 Nursing V (Nursing Seminar) 2 Any History course 3</p> <p>***Note: This Nursing Program is approved by the New Jersey Board of Nursing, 124 Halsey Street, 6th Floor, Newark, New Jersey 07102 (Web address: www.state.nj.us/lps/ca/home.htm, Tel: (973) 504-6430), and the National League for Nursing Accrediting Commission (NLNAC), Inc., 61 Broadway, 33rd Floor, New York, New York 10006 (Web address: www.nlnac.org Tel: (800) 669-1656 x153)</p>
---	--

****NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section of the catalog.

Office Assistant Program

Division of Business — Curriculum Code: 3009
Will Earn Upon Program Completion: Certificate in Office Assistant

Why become an Office Assistant?

This major is designed for students who wish to gain proficiency in the use of computers, office equipment, and software packages used in modern office environments. Students are also taught organizational skills, time management, and how to work cooperatively with office personnel. Students may choose to apply the credits earned in this program toward the A.A.S. degree option in Business Administration: Office Systems Technology and Management option.

If I major in Office Assistant, can I transfer to an upper division college or university?

While the program is not designed to transfer to a baccalaureate program, Essex County College will apply some or most of the courses you have taken toward an associate degree. Consult your faculty advisor for more information.

Are there any requirements I must satisfy before I start taking courses?

Based on your placement test scores, you may have to take developmental courses in reading, English, and/or mathematics before taking courses in your major.

How long will it take for me to complete this certificate?

If you do not need developmental course work and take 14 credits in the first semester and 15 credits in the second semester, you can complete the certificate in two semesters.

Where should I direct specific questions about this program?

Contact the Division at (973) 877-3222 or Admissions at (973) 877-1941.

Upon completion of this program, graduates will be able to:

- ◆ Use state-of-the-art word processing software to prepare a wide range of business documents;
- ◆ Communicate effectively, orally and in writing, using business terms and concepts;
- ◆ Work in accordance with the expectations of supervisory managers;
- ◆ Design, create, and maintain spreadsheets utilizing Microsoft Excel; and
- ◆ Use desktop publishing software to develop presentations.

Office Assistant — Certificate Program

<p>GENERAL EDUCATION REQUIREMENTS: (3 credits)</p> <p>Communications (3 credits) ENG 101 College Composition I 3</p> <p>MAJOR COURSE REQUIREMENTS: (14 credits)</p> <p>OST 106 Keyboarding and Formatting I 4 OST 121 Business Communication 3 OST 210 Office Systems Management 3 OST 250 Word/Information Processing Applications I 4</p> <p>ADDITIONAL COURSE REQUIREMENTS: (12 credits)</p> <p>BUS 101 Business Organization & Management 3 BUS 141 Business Math 3 CIS 135 Microcomputer Spreadsheets 3 CIS 136 Desktop Publishing for IBM Compatibles 3</p> <p>Total Credits Required for Certificate: 29</p>	<p>RECOMMENDED SEQUENCE OF COURSES*</p> <p><u>First Semester</u></p> <p>BUS 101 Business Organization & Management 3 BUS 141 Business Math 3 ENG 101 College Composition I 3 OST 106 Keyboarding and Formatting I 4 CIS 135 Microcomputer Spreadsheets 3</p> <p><u>Second Semester</u></p> <p>OST 250 Word/Information Processing Applications I 4 OST 121 Business Communication 3 CIS 136 Desktop Publishing for IBM Compatibles 3 OST 210 Office Systems Management 3</p>
--	---

***NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section of the catalog.

Ophthalmic Dispensing Program

Division of Allied Health — Curriculum Code: 2120

Will Earn Upon Program Completion: Associate in Applied Science (A.A.S.) Degree

Why major in Ophthalmic Dispensing?

The program introduces students to the field of opticianry. Students receive training in the laboratory techniques of measuring and grinding eyeglasses to prescription, and in fitting and final adaptation of eyewear. The curriculum also prepares students for the business administration functions of the profession and to pass the state licensing examination for Ophthalmic Technician and Ophthalmic Dispenser. To be successful in the field, you must combine scientific and clinical skills with the ability to work well with patients. Job opportunities include owning or working in a retail optical dispensary, or sales and marketing of ophthalmic materials. Employment prospects are increasing in the profession with the growth in the elderly population and the trend toward high fashion eyewear. The program is accredited by the Commission on Opticianry Accreditation (COA).

If I major in Ophthalmic Dispensing, can I transfer to an upper division college or university?

The program is career-oriented, although students may choose to transfer their credits to four-year institutions in pursuit of a bachelor's degree in optometry, opticianry, or a related field.

Are there any requirements I must satisfy before I start taking courses in my major?

All new students must take the basic skills competency tests. Based on the results of the test, you may be required to take developmental courses in reading, English and/or mathematics. Prior completion of trigonometry, biology and physics at the high school level is strongly recommended.

How long will it take for me to complete this degree?

If you do not need developmental course work and you register for an average of 17 credits each semester, you can complete the degree in two years. You may shorten the amount of time by taking courses in the summer sessions.

Where should I direct specific questions about this program?

Contact the Division at (973) 877-3354/3496 or Admissions at (973) 877-1941.

Upon completion of this program, graduates will be able to:

- ◆ Demonstrate understanding of the responsibilities of the practicing optician, optometrist, and ophthalmologist;
- ◆ Explain how glass and other optical materials are manufactured;
- ◆ Analyze the ophthalmic prescription and its parts;
- ◆ Demonstrate the use of the lens meter;
- ◆ Perform ophthalmic finishing techniques;
- ◆ Keep basic records;
- ◆ Apply laboratory workshop safety procedures;
- ◆ Demonstrate proper dispensing skills;
- ◆ Demonstrate knowledge of the refractive implications of accommodation and convergence;
- ◆ Explain how a refractionist may determine the "ADD" power;
- ◆ Use basic optical problem-solving techniques; and
- ◆ Use basic techniques in bifocal height measurements.

Ophthalmic Dispensing — A.A.S. Degree Program

<p>GENERAL EDUCATION REQUIREMENTS: (18-19 credits)</p> <p>Communications (6 credits) ENG 101 College Composition I 3 ENG 102 College Composition II or ENG 105 Technical Writing 3</p> <p>Social Science (6 credits) ANT 101, POL 104, PSY 101, or SOC 101 3 Any ANT, POL, PSY, or SOC course 3</p> <p>Math (3-4 credits) MTH 100 or higher 3-4</p> <p>Humanities (3 credits) Any History course 3</p> <p>MAJOR COURSE REQUIREMENTS: (42 credits)</p> <p>BIO 125 Anat. & Physiology of the Eye 3 OPH 123 Ophthalmic Laboratory I 4 OPH 124 Ophthalmic Laboratory II 4 OPH 126 Ophthalmic Materials I 3 OPH 127 Ophthalmic Materials II 3 OPH 201 Ophthalmic Dispensing I 5 OPH 202 Ophthalmic Dispensing II 5 OPH 203 Contact Lenses I 3 OPH 204 Contact Lenses II 3 OPH 210 Principles of Refraction 3 OPH 273 Supervised Clinical Experience 3 PHY 111 Theory of Optics I 3</p> <p>ADDITIONAL COURSE REQUIREMENTS: (10 credits)</p> <p>ACC 101 Principles of Accounting I 4 BUS 101 Business Organization and Mgmt. 3 CIS 107, 131, 133, 135, or 137 3</p> <p>The minimum passing grade for all courses designated BIO, OPH, or PHY is "C." If you earn a grade below "C," you need to repeat that course.</p> <p>Total Credits Required for Degree: 70-71</p> <p>For those individuals possessing a New Jersey Apprentice Dispensing permit, the following courses are offered to fulfill the requirement to obtain college credit to qualify for the State licensing examination.</p> <p>OPH 123 Ophthalmic Laboratory I 4 OPH 124 Ophthalmic Laboratory II 4 OPH 126 Ophthalmic Materials I 3 OPH 127 Ophthalmic Materials II 3 OPH 201 Ophthalmic Dispensing I 5 OPH 202 Ophthalmic Dispensing II 5 OPH 203 Contact Lenses I 3 BIO 125 Anat. & Physiology of the Eye 3 PHY 111 Theory of Optics I 3</p>	<p>RECOMMENDED SEQUENCE OF COURSES*</p> <p><u>First Semester</u></p> <p>ENG 101 College Composition I 3 PSY 101 General Psychology I 3 Math requirement 3-4 OPH 123 Ophthalmic Laboratory I 4 OPH 126 Ophthalmic Materials I 3</p> <p><u>Second Semester</u></p> <p>ENG 102 College Composition II or ENG 105 Technical Writing 3 BIO 125 Anat. & Physiology of the Eye 3 CIS requirement 3 OPH 124 Ophthalmic Laboratory II 4 OPH 127 Ophthalmic Materials II 3</p> <p><u>Summer</u></p> <p>Social Science requirement 3</p> <p><u>Third Semester</u></p> <p>ACC 101 Principles of Accounting I 4 BUS 101 Business Organization & Mgmt. 3 OPH 201 Ophthalmic Dispensing I 5 OPH 203 Contact Lenses I 3 PHY 111 Theory of Optics I 3</p> <p><u>Fourth Semester</u></p> <p>OPH 202 Ophthalmic Dispensing II 5 OPH 204 Contact Lenses II 3 OPH 210 Principles of Refraction 3 OPH 273 Supervised Clinical Experience 3 History requirement 3</p>
--	--

***NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section of the catalog.

Physical Education Program

Division of Social Science — Curriculum Code: 0899

Will Earn Upon Program Completion: Associate in Science (A.S.) Degree

Why major in Physical Education?

The curriculum parallels the first two years of a baccalaureate degree in a four-year college or university and will also serve as preparation for careers such as: teacher of health and physical education, recreation director, private fitness center administrator, personal trainer/coach.

If I major in Physical Education, can I transfer to an upper division college or university?

Yes. Essex grants the two-year degree and the student can complete the next two years at an upper level institution to obtain a bachelor's degree in the field.

Are there any requirements I must satisfy before I start taking courses in my major?

Based on your placement test scores, you may have to take developmental courses in mathematics, English and/or reading before taking courses at the 100 level and above.

How long will it take for me to complete this degree?

If you do not need developmental course work and if you register for an average of 16 credits each semester, you can complete the degree in two years.

Where should I direct specific questions about this program?

Contact the Division at (973) 877-3250 for referral to a faculty advisor or counselor, or call Admissions at (973) 877-1941.

Upon completion of this program, graduates will be able to:

- ◆ Demonstrate a wide variety of physical skills, and the techniques and mechanics of activity;
- ◆ Practice preventive measures and first aid in the event of accidents or illness;
- ◆ Demonstrate mastery of the concepts related to health and physical fitness;
- ◆ Demonstrate knowledge of the fundamentals and techniques of specific sports;
- ◆ Make informed career choices; and
- ◆ Qualify for interim employment opportunities.

Physical Education — A.S. Degree Program

<p>GENERAL EDUCATION REQUIREMENTS: (33-35 credits)</p> <p>Communications (6 credits) ENG 101 College Composition I 3 ENG 102 College Composition II 3</p> <p>Social Science (6 credits) ANT 101, POL 104, PSY 101, or SOC 101 3 Any ANT, POL, PSY, or SOC course 3</p> <p>Lab Science/Math (10-12 credits) A Lab Science sequence and a Math course (100 or higher) or two Math courses (100 or higher) and a Lab Science course: MTH (100 level or higher) 3-8 BIO 101-102, 103-104, or 121-122; CHM 101-102 or 103-104; PHY 101-102 or 103-104 4-8</p> <p>Physical Education (2 credits) PHE 119 Concepts in Physical Education 2</p> <p>Humanities (9 credits) Any course within a History sequence 3 Any 200-level English literature course 3 ART 100, 101, 102, or 200 or MUS 100, 108, 109, or 117 3</p> <p>MAJOR COURSE REQUIREMENTS: (17 credits)</p> <p>HLT 101 Healthful Living 3 PHE 101 Introduction to Physical Education 2 PHE 115 First Aid and Safety 2 Note: All Physical Education students must select any ten activity courses. 10</p> <p>ADDITIONAL COURSE REQUIREMENTS: (13-14 credits)</p> <p>Any English literature course 3 PHE elective 1-2 Complete the History sequence 3 Social Science course (100-level or higher) 3 BUS 101 Business Organization & Mgmt. 3</p> <p>Total Credits Required for Degree: 63-66</p>	<p>RECOMMENDED SEQUENCE OF COURSES*</p> <p><u>First Semester</u></p> <p>ENG 101 College Composition I 3 BIO 101 College Biology I 4 Social Science requirement 3 PHE 101 Introduction to Physical Education 2 PHE (3 Activity courses) 3</p> <p><u>Second Semester</u></p> <p>ENG 102 College Composition II 3 BIO 101 College Biology II 4 PHE 119 Concepts in Physical Education 2 Math requirement 3-4 PHE (3 Activity courses) 3</p> <p><u>Summer</u></p> <p>Social Science requirement 3 Art/Music requirement 3</p> <p><u>Third Semester</u></p> <p>English literature (200-level) 3 Social Science requirement 3 History requirement 3 HLT 101 Healthful Living 3 PHE (4 Activity courses) 4</p> <p><u>Fourth Semester</u></p> <p>English literature (200-level) 3 History requirement 3 PHE 115 First Aid and Safety 2 BUS 101 Business Organization & Mgmt. 3 PHE elective 1-2</p>
---	---

***NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section of the catalog.

Physical Therapist Assistant Program

Division of Allied Health — Curriculum Code: 2106

Will Earn Upon Program Completion: Associate in Applied Science (A.A.S.) Degree

Who are Physical Therapist Assistants and why major in the field?

Physical therapist assistants or PTAs work under the supervision of physical therapists in implementing treatment programs. Their responsibilities include training patients in exercises and activities of daily living, and keeping the physical therapist informed about patient progress. PTAs may also perform such functions as patient transport, and clinic or equipment preparation and maintenance. The field enables them to make a positive difference in the quality of people's lives. PTAs work in hospitals, private physical therapy offices, community health centers, corporate or industrial health centers, sports facilities, research institutions, rehabilitation centers, nursing homes, home health agencies, schools, pediatric centers, and colleges and universities. ECC's program is accredited by the American Physical Therapy Association's Commission on Accreditation in Physical Therapy Education (CAPTE).

If I major in the field, can I transfer to an upper division college or university?

The major is career-oriented and not designed for transfer to a baccalaureate program. Credits earned in this program can be applied toward the Associate of Science degree in the Health Sciences at ECC. Other colleges and universities will apply most or all of the courses you have taken toward a bachelor's degree program, depending upon their program requirements.

Are there any requirements I must satisfy before I start taking courses in my major?

Admission into the professional component of the program is selective. Application deadline is March 1 for enrollment in the fall semester. Contact the program coordinator at (973) 877-3456. The following are the minimum requirements for admission:

- Be at the college level in reading, English, and mathematics, which may require the completion of developmental courses based on placement test scores;
- Complete BIO 121, ENG 101, and PSY 101 with a grade of "C" or better and have a cumulative grade point average of 2.5 or higher;
- Perform successfully on the Health Occupation Basic Entrance Test (HOBET); and
- Complete 50 volunteer hours in a physical therapy setting.

How long will it take for me to complete this degree?

If you do not need developmental coursework and you attend full-time, you can complete the degree in two years.

Where should I direct specific questions about this program?

Call the Division at (973) 877-3354/3456 or Admissions at (973) 877-1941.

Upon completion of this program, graduates will be able to:

- ◆ Take the state licensing exam for physical therapist assistant;
- ◆ Implement a comprehensive treatment plan developed by a physical therapist;
- ◆ Perform appropriate measurement and assessment techniques to assist a physical therapist in monitoring and modifying a plan of care;
- ◆ Provide psychosocial support for patients and families;
- ◆ Participate in the teaching of other health care providers, patients, and families;
- ◆ Document relevant aspects of patient treatment;
- ◆ Participate in discharge planning and follow-up care; and
- ◆ Communicate effectively in oral and written form with the supervising physical therapists as well as with patients, families, healthcare providers, and the public.

Physical Therapist Assistant – A.A.S. Degree Program

<p>GENERAL EDUCATION REQUIREMENTS: (19 credits)</p> <p>Communications (6 credits) ENG 101 College Composition I 3 ENG 102 College Composition II or ENG 105 Technical Writing 3</p> <p>Social Science (6 credits) PSY 101 General Psychology I 3 PSY 209 Abnormal Psychology 3</p> <p>Lab Science (4 credits) BIO 121 Anatomy & Physiology I 4</p> <p>Humanities (3 credits) Any History course 3</p> <p>MAJOR COURSE REQUIREMENTS: (46 credits)</p> BIO 122 Anatomy and Physiology II 4 BIO 221 Kinesiology 3 HSC 109 Medical Terminology 3 PTA 101 Fund. of Physical Therapist Asst. 5 PTA 102 Princ. of Physical Therapist Asst. I 5 PTA 103 Physical Therapist Assisting Pract. I 5 PTA 106 Therp. Devel. in Children and Geron. 1 PTA 201 Princ. of Physical Therapist Asst. II 4 PTA 202 Princ. of Physical Therapist Asst. III 4 PTA 203 Physical Therapist Assisting Pract. II 4 PTA 205 Physical Therapist Assisting Pract. III 6 PTA 209 Therapeutic Exercise 2 <p>ADDITIONAL COURSE REQUIREMENTS: (3 credits)</p> Free elective 3 <p>Note: The minimum passing grade for all courses designated BIO, CHM, HSC, and PTA is “C.” If you earn a grade below “C,” you need to repeat that course.</p> <p>Total Credits Required for Degree: 68</p>	<p>RECOMMENDED SEQUENCE OF COURSES*</p> <p><u>Pre-admission</u> ENG 101 College Composition I 3 PSY 101 General Psychology I 3 BIO 121 Anatomy and Physiology I 4</p> <p><u>First Semester</u> PTA 101 Fund. of Physical Therapist Asst. I 5 HSC 109 Medical Terminology 3 BIO 122 Anatomy and Physiology II 4 ENG 102 College Composition II or ENG 105 Technical Writing 3</p> <p><u>Second Semester</u> PTA 102 Princ. of Physical Therapist Asst. I 5 PTA 106 Therp. Devel. in Children and Geron. 1 PSY 209 Abnormal Psychology 3 Free elective 3</p> <p><u>Summer</u> PTA 103 Physical Therapist Assisting Pract. I 5</p> <p><u>Third Semester</u> PTA 201 Princ. of Physical Therapist Asst. II 4 PTA 203 Physical Therapist Assisting Pract. II 4 PTA 209 Therapeutic Exercise 2 BIO 221 Kinesiology 3</p> <p><u>Fourth Semester</u> PTA 202 Princ. of Physical Therapist Asst. III 4 PTA 205 Physical Therapist Assisting Pract. III 6 History requirement 3</p>
---	---

***NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section of the catalog.

Radiography Program

A Joint Admissions Program with the University of Medicine and Dentistry of NJ

Division of Allied Health — Curriculum Code: 2105

Will Earn Upon Program Completion: Associate in Applied Science (A.A.S.) Degree

Why major in Radiography?

Radiography involves assisting in the diagnosis and management of human illness by producing images (also called radiographs or X-rays) of the structures in the body. Students receive hands-on training in radiographic procedures and imaging modalities, and in operating room and fluoroscopic procedures. Graduates of the program become eligible to take the licensing exams to qualify to work with physicians in offices, clinics, and hospitals. As a radiographer, you can specialize in mammography, computed tomography (CT), digital vascular imaging (angiography), ultrasound, and magnetic resonance imaging (MRI). Related jobs can be found in manufacturing firms and medical supply companies. The program is accredited by the Joint Review Committee on Education in Radiologic Technology (20 N. Wacker Drive, Chicago, IL 60606).

If I major in Radiography, can I transfer to an upper division college or university?

The major is job-oriented and not designed for transfer to a baccalaureate program. However, credits earned upon program completion can be applied to three bachelor's degree programs offered by the University of Medicine and Dentistry of New Jersey - School of Health Related Professions (UMDNJ - SHRP) in collaboration with New Jersey City University and Thomas Edison State College, designed exclusively for practicing health professionals.

Are there any requirements I must satisfy before I start taking courses in my major?

Based on your placement test scores, you may have to take developmental courses in reading, English, and/or mathematics prior to applying for program admission. You must also perform successfully in the Health Occupations Basic Entrance Test (HOBET). Admission into the program is selective. Application deadline is March 15. Although not required as a prerequisite, it is strongly recommended that you complete BIO 121, math requirement, ENG 101, and HSC 109 prior to admission.

How long will it take for me to complete this degree?

If you do not need developmental courses and you can take 16-17 credits per semester, you should be able to complete the program in 2 1/2 years, including summer terms.

Where should I direct specific questions about this program?

Call the Division at (973) 877-3354/3496 or Admissions at (973) 877-1941.

Upon completion of this program, graduates will be able to:

- ◆ Take the American Registry of Radiologic Technology (ARRT) Examination and the New Jersey State Licensure Exam;
- ◆ Work in a career with a promising future and, as a Registered Technologist (RT), work in any of the fifty states;
- ◆ Use X-ray equipment to produce images of internal body structures;
- ◆ Specialize in Mammography, Computed Tomography (CT), Magnetic Resonance Imaging (MRI), or other imaging specialties; and
- ◆ Become a vital member of the patient care team.

Radiography – A.A.S. Degree Program

<p>GENERAL EDUCATION REQUIREMENTS: (18-19 credits)</p> <p>Communications (6 credits) ENG 101 College Composition I 3 ENG 102 College Composition II 3</p> <p>Social Science (6 credits) ANT 101, POL 104, PSY 101, SOC 101 3 Any ANT, POL, PSY, or SOC course 3</p> <p>Math (3-4 credits) Math 100 or higher 3-4</p> <p>Humanities (3 credits) Any History course 3</p> <p>MAJOR COURSE REQUIREMENTS: (54 credits)</p> <p>BIO 121 Anatomy & Physiology I 4 BIO 122 Anatomy & Physiology II 4 HSC 109 Medical Terminology 3 RTC 100 Radiologic Technology I 2 RTC 101 Radiologic Positioning Principles I 4 RTC 102 Recording Media 1 RTC 103 Patient Care/Ethics 2 RTC 104 Radiation Protection 2 RTC 105 Radiologic Technology II 2 RTC 106 Radiologic Positioning Principles II 4 RTC 107 Contrast Media (Pharmacology) 2 RTC 108 Clinical Radiography I 1 RTC 109 Radiologic Positioning Prin. III: Skull 2 RTC 110 Radiologic Adv. Positioning Prin. IV 1 RTC 111 Clinical Radiography II 1 RTC 112 Clinical Radiography III 2 RTC 200 Medical/Surgical Diseases 2 RTC 201 Radiation Biology 2 RTC 202 Clinical Radiography IV 2 RTC 203 Special Procedures 3 RTC 204 Pediatrics/Geriatrics Radiography 2 RTC 205 Clinical Radiography V 2 RTC 206 Clinical Radiography VI 2 RTC 207 Clinical Radiography VII 2</p> <p>The minimum passing grade for all courses designated BIO, CHM, HSC, MTH and RTC is “C.” If you earn a grade below “C,” you need to repeat that course.</p> <p>Total Credits Required for Degree: 72-73</p>	<p>RECOMMENDED SEQUENCE OF COURSES*</p> <p><u>Pre-admission</u> ENG 101 College Composition I 3 BIO 121 Anatomy and Physiology I 4 Math requirement 3-4 HSC 109 Medical Terminology 3</p> <p><u>First Semester</u> RTC 100 Radiologic Technology I 2 RTC 101 Radiologic Positioning Principles I 4 RTC 102 Recording Media 1 RTC 103 Patient Care/Ethics 2 RTC 104 Radiation Protection 2 BIO 122 Anatomy & Physiology II 4</p> <p><u>Second Semester</u> RTC 105 Radiologic Technology II 2 RTC 106 Radiologic Positioning Principles II 4 RTC 107 Contrast Media (Pharmacology) 2 RTC 108 Clinical Radiography I 1 Social Science requirement 3</p> <p><u>Summer</u> RTC 109 Radiologic Positioning Prin. III: Skull 2 RTC 110 Radiologic Adv. Positioning Prin. IV 1 RTC 111 Clinical Radiography II 1 RTC 112 Clinical Radiography III 2</p> <p><u>Third Semester</u> RTC 200 Medical/Surgical Diseases 2 RTC 201 Radiation Biology 2 RTC 202 Clinical Radiography IV 2 ENG 102 College Composition II 3 Social Science requirement 3</p> <p><u>Fourth Semester</u> RTC 203 Special Procedures 3 RTC 204 Pediatrics/Geriatrics Radiography 2 RTC 205 Clinical Radiography V 2 History requirement 3</p> <p><u>Summer</u> RTC 206 Clinical Radiography VI 2 RTC 207 Clinical Radiography VII 2</p>
--	---

***NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section of the catalog.

Respiratory Care Program

A Joint Admissions Program with the University of Medicine and Dentistry of NJ

Division of Allied Health — Curriculum Code: 2112

Will Earn Upon Program Completion: Associate in Science (A.S.) Degree

Why major in Respiratory Care?

Respiratory therapists are health care specialists who participate in the diagnosis, treatment, management, education, and preventive care of patients with disorders of the cardiopulmonary system. They work in hospitals, caring for patients on medical and surgical wards, in emergency rooms, in neonatal, adult, and cardiac intensive care units, and in outpatient departments. They also provide care in patients' homes, rehabilitation centers, nursing homes, and other healthcare facilities. The curriculum parallels the first two years of a bachelor's degree program in the field. The program is accredited by the Commission on Accreditation of Allied Health Programs (CAAHP) in collaboration with the Committee on Accreditation for Respiratory Care (CoARC). Experienced therapists with advanced education qualify for teaching positions or managerial jobs in areas such as equipment sales and marketing.

If I major in Respiratory Care, can I transfer to an upper division college or university?

The major is job-oriented and not designed for transfer to a baccalaureate program. However, colleges and universities, including the University of Medicine and Dentistry of New Jersey (UMDNJ), New Jersey City University, and Thomas Edison State College will apply most or all of the courses you have taken toward a bachelor's degree.

Are there any requirements I must satisfy before I start taking courses in my major?

Admission into the program is selective. Application deadline for admission into the professional component of the program at the University of Medicine and Dentistry of New Jersey (UMDNJ) is March 15 for courses beginning the following June. Students are chosen by a joint admissions committee of both institutions. The following are the minimum requirements for admission:

- Be at the college level in reading, English, and mathematics, which may require the completion of developmental courses based on placement test scores;
- Complete a 35-credit pre-professional component of general education courses and basic science courses and have a cumulative grade point average of 2.5 or better;
- Have a passing grade of "C" for all courses designated BIO, CHM, or MTH;
- Have a current CPR card (BLS-C for health care providers).

How long will it take me to complete this degree?

Following completion of the prerequisite course work, the professional phase of the Respiratory Care Program can be completed within two academic semesters and one summer semester as a full-time student. Should a part-time schedule be requested and approved, the student will have a maximum of four academic semesters and two summer terms to complete the course work (part-time option is granted on a case by case basis).

Where should I direct specific questions about this program?

Call the Division at (973) 877-3354/3496 or Admissions at (973) 877-1941.

Upon completion of this program, graduates will be able to:

- ◆ Take the entry and registry examinations offered by the National Board for Respiratory Care, and obtain the New Jersey State Board of Respiratory Care license;
- ◆ Obtain and analyze physiological specimens;
- ◆ Interpret physiological data;
- ◆ Perform tests and studies of the cardiopulmonary system;
- ◆ Perform neurophysiological studies and sleep disorder studies;
- ◆ Identify medical gases and environmental control systems;
- ◆ Perform mechanical ventilator support;
- ◆ Perform oxygen therapy, humidification, and aerosol therapy;
- ◆ Administer artificial airway care;
- ◆ Perform bronchopulmonary hygiene;
- ◆ Utilize pharmacological agents related to respiratory care procedures;
- ◆ Assist in cardiopulmonary rehabilitation and hemodynamic cardiovascular support;
- ◆ Perform cardiopulmonary resuscitation;
- ◆ Educate patients and family on the disease process, medical therapy, and self-help; and
- ◆ Promote cardiopulmonary wellness and disease prevention measures.

Respiratory Care — A.S. Degree Program

<p>GENERAL EDUCATION REQUIREMENTS: (33 credits)</p> <p>Communications (6 credits) ENG 101 College Composition I 3 ENG 102 College Composition II 3</p> <p>Social Science (6 credits) ANT 101, POL 104, PSY 101, or SOC 101 3 Any ANT, POL, PSY, or SOC course 3</p> <p>Lab Science/Math (12 credits) BIO 121 Anatomy & Physiology I 4 BIO 122 Anatomy & Physiology II 4 MTH 100 Introductory College Math 4</p> <p>Humanities (9 credits) Any History course 3 Any 200-level English literature course 3 Art/Music requirement 3</p> <p>MAJOR COURSE REQUIREMENTS: (31 credits)</p> <p>RST 100 Core Concepts in Respiratory Care 1 RST 110 Fundamentals of Respiratory Care 4 RST 118 Clinical Practice I 1 RST 123 Applied Cardiopulmonary Patho. I 2 RST 125 Principles of Ventilatory Support 4 RST 128 Clinical Practice II 2 RST 138 Clinical Practice III 3 RST 212 Cardiopulmonary Pharmacology 2 RST 213 Applied Cardiopulmonary Patho. II 2 RST 214 Patient Management - Critical Care 3 RST 223 Cardiopulmonary Evaluation 2 RST 225 Pediatric/Neonatal Respiratory Care 3 RST 237 Long-Term, Home Rehabilitative Care 2</p> <p>ADDITIONAL COURSE REQUIREMENTS: (8 credits)</p> <p>BIO 211 Microbiology 4 CHM 101 College Chemistry I 4</p> <p>The minimum passing grade for all courses designated BIO, CHM, MTH or RST is "C." If you earn a grade below "C," you need to repeat that course.</p> <p>Total Credits Required for Degree: 72</p>	<p>RECOMMENDED SEQUENCE OF COURSES*</p> <p><u>First Semester</u></p> <p>BIO 121 Anatomy & Physiology I 4 ENG 101 College Composition I 3 MTH 100 Introductory College Math 4 CHM 101 College Chemistry I 4 PSY 101 General Psychology I 3</p> <p><u>Second Semester</u></p> <p>BIO 122 Anatomy and Physiology II 4 ENG 102 College Composition II 3 BIO 211 Microbiology 4 History requirement 3 Social Science requirement 3</p> <p><u>Summer</u></p> <p>RST 100 Core Concepts in Respiratory Care 1 RST 110 Fundamentals of Respiratory Care 4 RST 118 Clinical Practice I 1 RST 123 Applied Cardiopulmonary Patho. I 2</p> <p><u>Third Semester</u></p> <p>RST 125 Principles of Ventilatory Support 4 RST 128 Clinical Practice II 2 RST 212 Cardiopulmonary Pharmacology 2 RST 213 Applied Cardiopulmonary Patho. II 2 RST 223 Cardiopulmonary Evaluation 2 English literature requirement 3</p> <p><u>Fourth Semester</u></p> <p>RST 138 Clinical Practice III 3 RST 214 Patient Management - Critical Care 3 RST 225 Pediatric/Neonatal Respiratory Care 3 RST 237 Long-Term, Home Rehabilitative Care 2 ART/MUS requirement 3</p>
--	---

***NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section of the catalog.