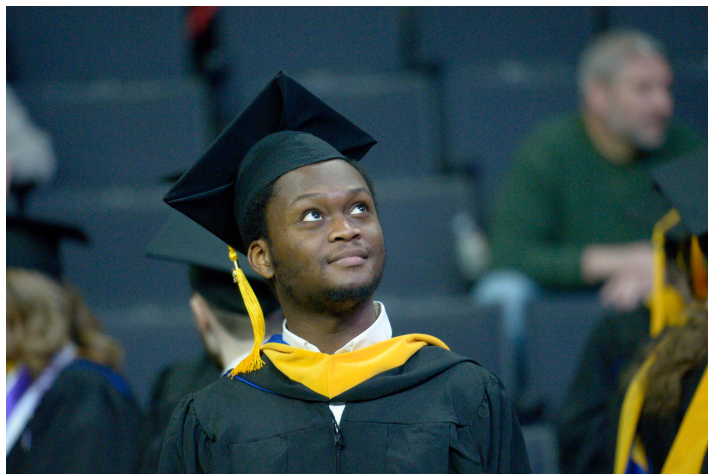


PROGRAMS OF STUDY



All students are enrolled in college credit programs. Degrees are awarded after the satisfactory completion of both technical and liberal arts requirements of each program.

Academic Programs

Current information can be found at <https://www.neit.edu/academics>.

Plus-Two Bachelor's Degree Division

With the exception of the direct-entry bachelor's degree programs, after two years of study at NEIT, students may continue their preparation for more demanding career opportunities. Plus-Two means that a student's education at NEIT takes place in two, two-year academic segments, each terminating in a degree: the associate degree followed by the bachelor's degree.

The bachelor's degree is an advanced, upper-division program that builds on the foundation of the associate degree. In each program, courses are planned in a coherent sequence that more fully develops the student's understanding of the theoretical basis of the field, while continuing to expand and broaden the student's ability to integrate concepts with their practical application in laboratory experiences. Some bachelor's programs culminate in a senior project, in which the student develops an individual research project appropriate to the major.

The senior project requires students to synthesize all aspects of the bachelor's degree program. Students must not only bring together both theoretical and practical applications of the technical subject but must also make use of appropriate mathematics and physics. In addition, students must present the project in both written and oral form, using the communications skills gained in liberal arts courses.

Students in some associate degree programs may continue on for a Bachelor of Science degree within their program. In addition, graduates of any NEIT associate degree program may continue for a Bachelor of Science Degree in Business Management. This program is available with concentrations in Automotive Service/Transportation Management or Healthcare Management with Respiratory Care. In some cases, students may need additional coursework to meet the prerequisites of the bachelor's program.

A student must earn at least a 2.0 grade point average in the associate division to enroll in NEIT's bachelor's division; some programs may have

additional requirements. A student must earn at least a 2.5 grade point average in the bachelor's division to apply for admission to a master's program. For additional information, please consult with the Office of Teaching and Learning or the Office of Student Support Services.

Curriculum Requirements and Liberal Arts Core

All programs, both those leading to associate degrees and those leading to bachelor's degrees, must meet certain minimum requirements in both the technical major and in the liberal arts. Individual departments have specific requirements and may require more than the minimum number of credits. A list of all the courses in each program and each core is available in this catalog.

Minimum Requirements for an Associate in Science Degree ¹/Standard Distribution of Credits

Requirement	Credits
Courses in the Major	60 credits
Mathematics/Science Core	8 credits
Communications Core	8 credits
Humanities, Arts/Foreign Language Core	8 credits
Social Sciences Core	8 credits
Total Minimum Requirement	92 credits

¹ **Note:** These are minimum requirements; distribution of credits may vary between departments. Consult descriptions of each program in this catalog for more complete information.

Minimum Requirements for a Bachelor of Science Degree ¹/Standard Distribution of Credits

(in addition to associate degree totals)

Requirement	Credits
Courses in the Major	60 credits
Mathematics/Science Core	8 credits
Communications Core	8 credits
Social Sciences Core	4 credits
Humanities Core	4 credits
Social Sciences, Humanities, or Arts/Foreign Language Core	4 credits
Total Minimum Requirement	88 credits

¹ **Note:** These are minimum requirements; distribution of credits may vary between departments. Consult descriptions of each program in this catalog for more complete information.

Liberal Arts Core Requirements Humanities and Social Sciences

The Humanities and Social Sciences Department is an integral part of the curriculum in every major offered at NEIT. There are three primary core disciplines within the department: Communications, Humanities and Social Sciences. These courses help students to develop communication and problem-solving skills as well as an expanded worldview that complement the technical expertise achieved through their majors.

The Communications core focuses on writing, oral communication, and critical thinking skills. Communications classes are tailored to meet the needs of all majors. All students begin in the freshman-level English course and then follow up with a second Communications core course tailored to their field of study. At the bachelor level, students take either Technical Communications or Advanced Writing in the Health Sciences at the 400 level to give them a competitive edge in their respective careers.

In the Humanities core, students may choose from electives relating to film, philosophy, languages, literature, music and the arts. Many Humanities electives have been designed for specific majors, providing a perspective beyond technical skills.

Social Sciences offerings include psychology, sociology, history and economics. Again, numerous Social Science electives are offered to help augment the skills of students in specific majors such as criminal justice and many of the health sciences.

Underlying both the Humanities and Social Sciences courses is a concern with issues of human values, and with the social problems and responsibilities of our global community; and all are designed to help make the student a concerned citizen and a valuable member of their professional career teams.

Specific degree requirements in Communications, the Humanities, and Social Sciences ensure that graduates gain a competitive edge by having the knowledge and skills necessary to become contributing members to both their professions and the communities around them.

Mathematics and Sciences

The Mathematics and Sciences Department plays a crucial role for all of the technical majors in the university, giving students the background they need to understand their programs.

The mathematics portion of the curriculum includes courses ranging from non-credit developmental courses for those who need to brush up on math skills, to a series of advanced calculus courses. Science courses are offered in chemistry, physics and physical science.

The mathematics and science courses have two important purposes. The first is to provide students with the mathematical tools required to function successfully in their chosen programs. The mathematics and science courses offered in each program have been chosen for their usefulness and applicability to that field.

The second purpose of the mathematics and science courses is to provide students with a progressive, linear thought-processing capability that will help them to work out solutions to problems in situations for which they have not been specifically trained. The study of sciences provides an understanding of the physical and natural laws governing technical applications, while mathematics offers a problem-solving approach to thinking.

Complete details about curriculum requirements in mathematics and science can be found in the Curriculum section of the catalog.

Starting Dates

Students may register and begin a program of study in the Fall, Winter, Spring, or Summer Term, although in most cases, beginning courses in the major in any particular term cannot be guaranteed.

Cancellation of Courses

Courses offered each term are listed online. NEIT reserves the right to cancel courses or change the scheduled location of classes as necessary

due to insufficient enrollments, classroom availability or other mitigating factors.

Choice of Curriculum

Students are required to state their choice of curriculum on their application for admission. The choice may be changed prior to registration by consulting an admissions officer. After classes have started, changes may be made only by consultation with the student advisor and may require the department chair's approval. A student will receive guidance in the development of a program of study; however, the final responsibility for selecting a student's program of study is with the student.

The following pages list the courses required to complete degree requirements in each of the programs offered at NEIT. The order in which a student takes the required courses may vary from the listed order as long as prerequisites for individual courses are met.