

**Nurse Aide**

This course is designed to meet the Nebraska Health and Human Services System training requirement for nurse aide certification and employment in long-term care facilities. The course combines classroom lecture and laboratory applications for the development of basic skills needed to provide safe, effective and caring services to the elderly or chronically ill patient of any age in a long-term care facility. Upon completion of this course, the student is eligible to take the state written and practical skills exam. After successfully passing this examination and completing the application procedure, the student's name will be placed on the basic nurse aide registry at the Nebraska Health and Human Services Regulation and Licensure, Credentialing Division. NURA 1110, 3.0 Credit Hours. \*Attendance at all class sessions is required per State of Nebraska course regulations

NORFOLK: Fall term, August 27, 2021 – December 15, 2021

Fridays, 8:00 am – 2:00 pm; CRN #TBD

O'NEILL: Fall term, August 27, 2021 – December 15, 2021

Fridays, 8:00 am – 2:00 pm; CRN #TBD

SOUTH SIOUX CITY: Fall term, August 27, 2021 – December 15, 2021

Fridays, 8:00 am – 2:00 pm; CRN #TBD

## THE FOLLOWING COURSES ARE BEING OFFERED ON FRIDAYS ONLY, BUT ARE NOT PART OF THE FRIDAYS @ NORTHEAST PROGRAM.

Students will be responsible for tuition, books, and any supplies required for the course.

**General Biology & Lab**

This course covers fundamental processes of cells and organisms, cell structure genetics, evolution, classification, diversity, and interaction of organisms at the molecular, cellular, organismic, ecosystems, and biosphere level. It is designed as both a course for non-majors and as a foundation course for those planning additional work in biology. Must also enroll in the lab. BIOS 1010, 4 credit hours.

O'NEILL: Fall term, August 27, 2021 – December 15, 2021

Fridays, 8:00 – 11:00 am; CRN #14804 (lecture)

11:10 am – 1:20 pm; CRN #14805 (lab)

**Drawing Logic I**

Fundamental principles of drawings and perspective based on observation and imagination. ARTS 1250/GCAD 1250, 3.0 credit hours.

NORFOLK: Spring term, January 28, 2022 – May 14, 2022

Fridays, 9:00 am – 12:20 pm; CRN #TBD

**Drawing Logic II**

Basic elements of drawing using a variety of media, including in, watercolors, and charcoal. Prerequisite is ARTS 1250 or GCAD 1250. ARTS 1500, 3.0 credit hours.

NORFOLK: Spring term, January 28, 2022 – May 14, 2022

Fridays, 9:00 am – 12:20 pm; CRN #TBD

**Painting I**

Introduction to oil painting with an emphasis on the study of forms existing in space. Issues of representational painting will be addressed. ARTS 1750, 3.0 credit hours.

NORFOLK: Fall term, August 27, 2021 – December 15, 2021

Fridays, 9:00 am – 12:20 pm; CRN #14404

**Painting II**

Formal and technical concerns will be investigated. Subject matter will vary, yet figure study will be emphasized. Prerequisite: ARTS 1750. ARTS 2750, 3.0 credit hours.

NORFOLK: Fall term, August 27, 2021 – December 15, 2021

Fridays, 9:00 am – 12:20 pm; CRN #14406

**Theatre I**

Techniques and study in acting, rehearsal, performance, and stage production. THEA 1100, 1.0 credit hours.

NORFOLK: Fall term, August 27, 2021 – December 15, 2021

Fridays, 11:00 am – 2:00 pm; CRN #14419

**Theatre II**

Continuation of THEA 1100. Prerequisite: THEA 1100. THEA 1110, 1.0 credit hours.

NORFOLK: January 29, 2021 – May 14, 2021

Fridays, 11:00 am – 2:00 pm; CRN #TBD

**Introduction to Acting**

An introductory course on the art of acting, which lays the foundation for the acting process. This course introduces the student to methods for analyzing theatrical works, methods for developing physical and vocal techniques, ways to build a deeper awareness of character and characterization, and theories related to exploring techniques which help an actor prepare for performance. This class will be taught in person with an online component. THEA 1340, 3.0 credit hours.

NORFOLK: Fall term, August 27, 2021 – December 15, 2021

Fridays, 9:00 – 10:50 am; CRN #14766

**Play Production**

This course informs students on the design and planning process necessary to produce a play. Included topics are light design and application, scenic design and application, sound design and application and costume design and application. This course culminates in the production of the college's annual student play. Prerequisite: THEA 1000 or THEA 1100 (may be taken concurrently). THEA 1200, 2.0 credit hours.

NORFOLK: January 29, 2021 – May 14, 2021

Fridays, 9:00 – 10:40 am; CRN #TBD

**HOW TO REGISTER:**

See your high school counselor or apply and register online at [northeast.edu/Admissions/Early-College](http://northeast.edu/Admissions/Early-College)

Fridays @ Northeast

Fall semester classes will run August 27 – December 15, 2021.

**COST:**

Classes will be offered at the reduced tuition rate of \$49.00 per credit hour.

**FOR MORE INFORMATION PLEASE CONTACT:**

Makala Williams, Director of Early College  
402-844-7118 | [makalaw@northeast.edu](mailto:makalaw@northeast.edu)

\*Fridays @ Northeast are limited to senior students ONLY. A minimum of 8 students is required for the class to occur. The maximum student enrollment will be set at 15 for all classes except for NURA 1110, which will have a maximum of 12 students.



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# FRIDAYS @

[NORTHEAST.EDU/ADMISSIONS/EARLY-COLLEGE](http://NORTHEAST.EDU/ADMISSIONS/EARLY-COLLEGE)

2021-2022

# NORTHEAST

The Fridays @ Northeast program is an opportunity for high school seniors to spend Fridays on our Norfolk, O'Neill, or South Sioux City campuses as college students using our lab spaces and classrooms. The courses offered allow introduction to a variety of technical programs and lead into a program of study upon high school graduation. Students are registered on a first-come, first-serve basis and classes are taught by certified instructors. Please pay special attention to the term schedule for each class. Students will be able to receive high school credit in addition to college credit per approval of their high school.

**AGRICULTURE & HORTICULTURE****Animal Science**

Introduction to livestock industry and its role in food production, breeds and selection, reproduction and breeding systems, inheritance and genetics, shelter and facility requirements, nutrition, parasites and insects, diseases, and other aspects of meat, milk, wool, and poultry production. AGRI 1010, 3.0 credit hours. Take with AGRI 1340.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 8:00- 9:15 am; CRN #14774

**Animal Science Lab**

Experience working with all types of livestock at the college farm, including boarding, castration, vaccination, foot care and semen collection. AGRI 1340, 1.0 credit hours. Take with AGRI 1010.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 9:30 – 11:00 am; CRN #14775

**Horticulture Science**

An introductory course in horticulture that provides the practical skills and scientific concepts involved in horticulture. HORT 1010, 4.0 credit hours.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 9:30 – 11:00 am; CRN #TBD

**PRE-ENGINEERING****Introduction to Engineering Design**

This course is an introduction to the engineering profession, engineering problem solving and engineering design with an emphasis on current topics. Course material will be presented using projects and group learning activities created in Northeast's maker design area. This class will be taught in a hybrid format. ENGR 1010, 3.0 credit hours. Take with ENGR 1990.

NORFOLK: Fall term, August 27, 2021 – December 15, 2021

Fridays, 8:00 – 9:50 am; CRN #14860

O'NEILL: Fall term, August 27, 2021 – December 15, 2021

Fridays, 8:00 – 9:50 am; CRN #14861

**Maker Space Fabrication**

Projects and group learning activities related to ENGR 1010. ENGR 1990, 0 credit hours. Take with ENGR 1010.

NORFOLK: Fall term, August 27, 2021 – December 15, 2021

Fridays, 10:00 am – 12:40 pm; CRN #14863

O'NEILL: Fall term, August 27, 2021 – December 15, 2021

Fridays, 10:00 am – 12:40 pm; CRN #14864

**CRIMINAL JUSTICE****Introduction to Criminal Justice**

Provides an overview of the history, development, and philosophies of the criminal justice system within the United States. Areas covered include crime and the criminal justice system, the police, the courts, corrections, and the juvenile justice system. This class will meet in person and include an online component. CRIM 1010, 3.0 credit hours

NORFOLK: Fall term, August 27, 2021 – December 15, 2021

Fridays, 9:00 – 10:15 am; CRN #14410

**Introduction to Corrections**

Outlines corrections in a systematic process showing the evolving changes within institutional and community-based corrections. Topics include, but are not limited to the history of corrections, the influence of social thought and philosophy on the development of corrections, the rights of the incarcerated inmate, and the duties of the correctional officer. This class will meet in person and include an online component. CRIM 1020, 3.0 credit hours.

NORFOLK: Spring term, January 28, 2022 – May 14, 2022

Fridays, 9:00 am – 1:00 pm; CRN #TBD

**BUSINESS & TECHNOLOGY****Graphic Arts I**

A concentrated study of the design process using commercial computer applications to create graphic design images. The student will develop design principles and applications that provide a foundation for advanced graphic design course work. GCAD 1450, 3.0 credit hours.

NORFOLK: Fall term, August 27, 2021 – December 15, 2021

Fridays, 9:00 am – 12:00 pm; CRN #14554

**Layout and Design I**

An introductory level course using industry standard page layout software, with an emphasis toward developing expressive designs that communicate. GCAD 1500, 3.0 credit hours.

NORFOLK: Spring term, January 28, 2022 – May 14, 2022

Fridays, 9:00 am – 1:00 pm; CRN #TBD



## APPLIED TECHNOLOGY

### Glass, Trim and Welding Theory

Course includes study of glass installation, servicing, automotive trim and a study of MIG welding procedures. Course also emphasizes the theory of expansion, contraction, and distortion of sheet metal along with problems and control. AUTB 1015, 2.5 credit hours. Take with AUTB 1035.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Online instruction; CRN #14575

### Glass, Trim, and Welding Lab

Involved servicing both fixed and adjustable glass, moldings, and interior trimming. A study of MIG welding emphasizes the theory of expansion, contraction and distortion of sheet metal along with problems and control. AUTB 1035, 4.5 credit hours. Take with AUTB 1015.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 8:00 am – 2:00 pm; CRN #14576

### Suspension, Steering, and Brake Systems Theory

Study of various suspension and steering systems along with the functions and purpose of related members of the system. Covers front-end and rear-end alignment angles and their effects on the system. Emphasizes hydraulics and components of modern automotive brake systems. AUTT 1010, 2.5 credit hours. Take with AUTT 1020.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Online instruction; CRN #14626

### Suspension, Steering, and Brake Systems Lab

Involved practical shop experiences, analyzing and correcting various suspension and steering problems, front-end and rear-end alignment and steering systems repair. Includes diagnosis of brake system problems, repair, and service of brake systems using the proper procedures, methods, tools, and equipment. AUTT 1020, 4.5 credit hours. Take with AUTT 1010.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 8:00 am – 2:00 pm; CRN #14580

### Building Construction Fundamentals

This course provides an introductory overview of the various materials, components, methods, and sequences used in residential construction. Students further gain exposure to the properties of wood and wood-based products used in structural systems. Students are also introduced to the various tools used in construction and their proper usage and care. CNST 1000, 1.5 Credit Hours. Take with CNST 1005.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 8:00 – 8:50 am; CRN #14583

O'NEILL: Year Long, August 27, 2021 – May 6, 2022

Fridays, 8:00 – 8:50 am; CRN #14584

### Building Construction Fundamentals Lab

This course is the practical application of basic building materials, components, methods, and sequences in residential construction. It is designed to provide students with basic, hands-on experiences in entry level construction and related trades. Emphasis is placed on safety and the proper use of both hand and power tools. This course provides students the experience of participating in the building of a construction project. CNST 1005, 2.5 Credit Hours. Take with CNST 1000.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 9:00 am – 12:00 pm; CRN #14587

O'NEILL: Year Long, August 27, 2021 – May 6, 2022

Fridays, 9:00 am – 12:00 pm; CRN #14588

### Shielded Metal Arc Welding SMAW Basic Theory

Provides student with a technical understanding of arc welding, welding safety, power sources, electrode classifications and selection. It also provides theory to make quality shielded metal arc welds in all positions on various thicknesses of material using selected electrodes on AC and DC currents. WELD 1030, 1.5 credit hours. Take with WELD 1035.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 8:00 – 8:50 am; CRN #14626

O'NEILL: Year Long, August 27, 2021 – May 6, 2022

Fridays, 8:00 – 8:50 am; CRN #14627

SOUTH SIOUX CITY: Year Long, August 27, 2021 – May 6, 2022

Fridays, 8:00 – 8:50 am; CRN #TBD

### Shielded Metal Arc Welding SMAW Basic Lab

Provides student with a technical understanding of arc welding, welding safety, power sources, electrode classifications and selection. It also provides training to develop skill to make quality welds in all positions on mild steel from thin to thick material, single and multiple passes using selected electrodes and current. Course also provides training to develop skill to produce quality multi-pass groove welds with backing in all positions. Related information about welding qualification is provided. WELD 1035, 3.0 credit hours. Take with WELD 1030.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 9:00 am – 1:45 pm; CRN #14629

O'NEILL: Year Long, August 27, 2021 – May 6, 2022

Fridays, 9:00 am – 1:45 pm; CRN #14630

SOUTH SIOUX CITY: Year Long, August 27, 2021 – May 6, 2022

Fridays, 9:00 am – 1:45 pm; CRN #TBD

### Residential Blueprint Reading

The study and practice of blueprint reading, identifying lines and symbols, using construction math and identifying proper dimensioning procedures. CNST 1050, 3.0 credit hours.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 12:45 pm – 2:00 pm; CRN #14594

O'NEILL: Year Long, August 27, 2021 – May 6, 2022

Fridays, 12:45 pm – 2:00 pm; CRN #14595

### Manufacturing Technologies and Measurement

This course will enable the student to apply basic measurement skills, system calibration skills, measurement system analysis, and become familiar with the various tools utilized in the manufacturing industry. Students will study manufacturing processes and properties of materials, the behavior of materials, and the advantages and disadvantages of types of materials in an industrial setting. INDT 1065, 2.0 credit hours.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 8:00 -8:50 am; CRN #14614

### Machining Fundamentals

The course provides a fundamental understanding of the concepts and applications of horizontal and vertical band saws, vertical knee mills, manual lathes, grinders/abrasives, and drill presses. INDT 1150, 2.0 credit hours. Take with INDT 1160.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 9:00 -9:50 am; CRN #14615

### Machining Fundamentals Lab

Practical application of horizontal and vertical band saws, vertical knee mills, manual lathes, grinders/abrasives, and drill presses. INDT 1160, 2.0 credit hours. Take with INDT 1150.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 10:00 am – 2:00 pm; CRN #14616

### Wind Energy Fundamentals

Introduction to how wind works, its reliability, and its economic, environmental and political issues. Introduces the various applications and the basic principles of wind energy systems. The course will cover the past and the future of the wind industry. WIND 1080, 3.0 credit hours. Take with WIND 1085.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 8:00 -9:15 am; CRN #14682

### Wind Energy Fundamentals Lab

Basic study of safety, equipment safety, structural awareness, environmental hazards, fall protection, non-climbing techniques, rescue plans, and physical demands for wind technicians. WIND 1085, 2.0 credit hours. Take with WIND 1080.

NORFOLK: Year Long, August 27, 2021 – May 6, 2022

Fridays, 9:30 am – 1:45 pm; CRN #14683

## EARLY CHILDHOOD EDUCATION

*In the Fridays @ Northeast program, you will take four college classes that can be applied to an Associate degree from Northeast Community College. The courses also meet the formal early childhood education required for a Child Development Associate\* (CDA) National Credential. In addition to the four courses, the CDA credential requires 480 hours of professional work experience, a CDA Professional Portfolio, a CDA Verification Visit, and successful completion of the CDA exam. Visit [www.cdacouncil.org](http://www.cdacouncil.org) for additional information about the CDA.*

### Introduction to Early Childhood Education

An overview of early childhood education, history, trends and the philosophies of various programs, diversity, inclusion, licensing standards, current legislation, professionalism, and advocacy are examined. This class will be taught in a hybrid format. Students can choose to attend this class in person, virtual, or online. ECED 1150, 3.0 credit hours.

NORFOLK: Fall term, August 27, 2021 – December 15, 2021

Fridays, 9:00 – 10:15 am; CRN #14770

### Infant and Toddler Development

This course focuses on typical-atypical development of children in the prenatal period of development through 36 months. Planning curriculum in the domains of physical growth and motor skills, cognition and language, and social-emotional development are examined. Students can choose to attend this class in person, virtual, or online. ECED 1110, 3.0 credit hours.

NORFOLK: Fall term, August 27, 2021 – December 15, 2021

Fridays, 10:30 – 11:45 am; CRN #14767

### Preschool Child Development

This course focuses on typical-atypical development of the child ages three to five years in the domains of physical growth and motor skills, cognition and language, and social-emotional development. Students can choose to attend this class in person, virtual, or online. ECED 1130, 2.0 credit hours.

NORFOLK: Spring term, January 28, 2022 – May 14, 2022

Fridays, 9:00 – 10:15 am; CRN #24664

### Health, Safety, and Nutrition

This course addresses the interrelatedness of health, safety and nutrition in the life of a young child, birth through age eight. Practices that assess and promote good health are introduced. Effective control of communicable diseases and acute illnesses found in the early childhood years and early education settings is addressed. Safety management and the handling of child abuse and neglect are examined. Students learn appropriate nutritional guidelines and practices for planning meals and snacks in the classroom. Students can choose to attend this class in person, virtual, or online. ECED 1260, 3.0 credit hours.

NORFOLK: Spring term, January 28, 2022 – May 14, 2022

Fridays, 10:30 – 11:45 am; CRN #24692

## HEALTH AND WELLNESS

### Emergency Medical Technician Part 1 and Part 2

Both courses are dedicated to the study and application of the knowledge and skills necessary for an individual to become an Emergency Medical Technician and provide emergency medical care at a basic life support level with an ambulance service or other specialized service. The courses will include the applications/skills needed to apply for licensure at an EMT level in the State of Nebraska. After successful completion of course EMTL 1840 and EMTL 1845, the student will be eligible to apply to test for the National Registry of Emergency Medical Technician (NREMT) cognitive examination as long as the student is 18 years of age. Once the student has passed both the cognitive and practical skills examinations of the NREMT he/she can apply to obtain an EMT license in the state of Nebraska. The classes contain the current information found in the National EMS Education Standards as outlined by the National Highway Traffic Safety Administration. Student must have current CPR certification, American Heart Association – Healthcare Provider Level or equivalent. EMTL 1840 (Part 1), 4.5 credit hours; EMTL 1845 (Part 2), 5.0 credit hours. Must complete all 9.5 credit hours to apply to test.

NORFOLK: Fall term, August 27, 2021 – December 15, 2021

Fridays, 8:00 am – 2:00 pm; Part 1 - CRN #14950

NORFOLK: Spring term, January 28, 2022 – May 14, 2022

Fridays, 8:00 am – 2:00 pm; Part 2 - CRN #TBD

### Comprehensive Medical Terminology

This course establishes a solid foundation of prefixes, suffixes, word roots, abbreviations, medical terms and symbols. It emphasizes understanding the medical vocabulary as it applies to the anatomy, physiology, pathology, diagnostic procedures, and therapeutic procedures of the human body. HLTH 1060, 3.0 credit hours.

NORFOLK: Spring term, January 28, 2022 – May 14, 2022

Fridays, 11:30 am – 2:00pm; CRN #TBD

O'NEILL: Spring term, January 28, 2022 – May 14, 2022

Fridays, 11:30 am – 2:00pm; CRN #TBD

### Medication Aide

This course is designed to prepare the student to assume the role and responsibilities of a Medication Aide working in a nursing facility. This course includes information regarding medication administration, pharmacology rules and regulations, classification of drugs, orders, storage, abbreviations, and an overview of commonly used drugs and documentation. HLTH 1120, 3.0 Credit Hours. \*Attendance at all class sessions is required per State of Nebraska course regulations

NORFOLK: Spring term, January 28, 2022 – May 14, 2022

Fridays, 8:00 – 11:00 am; CRN #TBD

O'NEILL: Spring term, January 28, 2022 – May 14, 2022

Fridays, 8:00 – 11:00 am; CRN #TBD

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