EMERGENCY MEDICAL TECHNICIAN (EMT – BASIC) (CED 1211 A1)
Nassau Community College, in partnership with the Nassau County Emergency Medical Services Academy, is offering the approved New York State Department of Health Emergency Medical Technician - Basic (EMT-B) course which will prepare you to become a certified EMT. The EMT is the basic level Emergency Medical Services (EMS) provider associated with an ambulance service or rescue squad. These technicians are skilled in the provision of basic life support for the many illnesses and accidents that require emergency medical treatment prior to arrival in a hospital emergency department. EMTs are trained in patient immobilization and packaging procedures needed to prevent further injury and to provide safe transport to an appropriate medical facility.

During class time, students will complete the American Heart Association CPR course. In addition to classroom
training, students must complete a clinical experience of 10 hours in an emergency room of a local hospital and also complete three on-line classes, provided free of charge by FEMA. The textbook which is not included in the price is required for the first day of class. Students should expect homework assignments after each class.

To qualify for the NYS Department of Health (NYSDOH) certifying exam, students must attend all classes, complete all assignments, and pass the final written exam and practical skills exam. Students who pass the NYS exam will receive Emergency Medical Technician certification from NYSDOH to perform emergency care for and transportation of injured or ill patients. Medical supplies are additional. Student must be 18 years of age by the written exam date. The NYS written exam is scheduled for Thursday, January 19, 2017. Registration must be received by September 15.

CED 1211 A1 Meets: Tuesday and Thursday, 7:00pm–10:00pm, Saturday, 9:00am–12:00pm for 43 sessions.
September 20, 2016 – January 19, 2017 Fee: $1,300

EMT-BASIC REFRESHER COURSE (CED 1253 A1)
Nassau Community College, in partnership with the Nassau County Emergency Medical Services Academy, is offering an Emergency Medical Technician-Basic (EMT-B) refresher course. This course is a 21 session course, designed for currently certified EMTs to renew their certification in order to provide urgent care at an emergency site or in an ambulance during hospital transport. Students enrolled in this course will receive updated training on all necessary emergency medical care skills and be prepared to take the New York State written exam on Thursday, December 15. The course will also include Basic Life Support CPR/ AED (as required by New York State). You can attend a refresher course up to 9 months before your EMT card expires. Individuals who are seeking reciprocity from another state may enroll if they have received a letter from NYS EMS. Registration must be received by September 30.
CED 1253 A1 Meets: Monday and Wednesday, 7:00pm–10:00pm and one Thursday, December 15, 7:00pm–10:00pm for 21 sessions.
October 5–December 15 Fee: $575

EKG TECHNICIAN (CED 1235 A1)
Using a combination of classroom and lab learning, this course will prepare students to sit for the EKG Technician Certification exam. Students will learn the basic Anatomy and Physiology terminology associated with the heart and circulatory systems, signs and symptoms of diseases, and the electrophysiology/conduction system of the heart. Students will learn the use and operation of the ECG equipment. Lab sessions will provide hands-on practice, as well as allow students to meet the requirement for performing EKGs on live individuals. Students must attend all classes and complete assignments, including all practical skills. In order to sit for the certifying exam, candidates must meet the requirements specified by the National Association for Health Professionals (NAHP), including a high school diploma or equivalent. For more information, visit www.nahpusa.com. Textbook, materials, and certifying exam costs are additional. NAHP exam is scheduled for Wednesday, December 21.
Instructor: Jeffrey Feinberg
CED 1235 A1 Meets: Monday and Wednesday, 6:00pm–9:00pm for 20 sessions.
October 5 – December 19 Fee: $695
PHARMACY TECHNICIAN (CED 1254 A1)
Using a combination of classroom and externship experience, this course will prepare students to sit for the Pharmacy Technician Certification Board (PTCB) exam. During 120 hours of classroom training, students will learn pharmacology, drug compounding, and classification and interaction. Students will study how to prepare medicated solutions, calculate dosages, and screen and fill prescriptions, and learn other skills needed to assist a pharmacist. Professional communication, pharmacy ethics, law, regulations and safety will be stressed. Review and practice for the certification exam are included.

During an 80 hour Externship experience, acquire valuable experience while working alongside a licensed pharmacist and other medical personnel. Students must comply with Field Placement/Externship entry requirements as specified by the host company, including background check, drug screening and a government provided photo ID. A high school diploma or equivalent is required. Textbooks, other materials, background check/drug screening, and certifying exam are additional cost.

CED 1254 A1 Meets: Monday and Wednesday, 6:00pm-9:00pm for 31 classroom sessions.
September 19 – January 23, 2017
Externship: 80 hour Field/Placement will be scheduled between January 25-March 29, 2017. Classroom sessions during the externship period will meet on 9 Wednesdays, 6:00pm-9:00pm.
Fee: $2,250
LEED® GREEN ASSOCIATE CERTIFICATION  
(CED 1236 A1 OR CED 1236 W1) 
Offered in partnership with the US Green Building Council Long Island Chapter, Leadership in Energy and Environmental Design (LEED®) accreditation distinguishes building professionals with the knowledge and skills to successfully steward the LEED certification process. LEED® Green Associates have demonstrated a thorough understanding of green building practices and principles and the LEED Rating System. Topics covered include: Intro, Water, and Innovation in Design (D); Location and Transportation (LT); Sustainable Sites (SS); Integrative Process; Energy and Atmosphere (EA) - Part of Materials and Resources (MR); Indoor Environmental Quality (IEQ) - MR, Part 2; and, Review - Practice Exam. 
The LEED® Green Associate credential demonstrates a solid and current foundation in green building principles and practices. From marketers to lawyers, landscape architects to education professionals, and product manufacturers to policymakers, LEED® Green Associates enjoy a broad understanding of sustainability that bolsters their careers and enhances their lives. The LEED® Green Associate credential denotes basic knowledge of green design, construction and operations. Professions that may be interested in the LEED® Green Associate include real estate, law, planning, manufacturing, marketing, leasing, and sales, education and those new to green building. 
Students will be provided with a copy of all study materials. Students should bring a notebook or computer to take notes in class. LEED® Green Associates earn their credential by passing a two-hour, computer-based exam comprising 100 randomly delivered multiple-choice questions. The exam fee is additional. 
Instructor: USGBC-LI Instructors 
CED 1236 A1 Meets: Tuesday, 6:00pm-9:00pm for 5 sessions. 
Starts October 11 
CED 1236 W1 Meets: Saturday, 8:30am-5:00pm for 2 sessions. Bring lunch. 
Starts January 7, 2017 
Fee: $375

LEED AP BD+C EXAM PREPARATION 
(CED 1251 A1) 
Offered in partnership with the US Green Building Council Long Island Chapter (USGBC-LI), this course is designed to prepare participants for the rigors of the LEED AP accreditation exam. The LEED AP BD+C credential suits professionals with expertise in the design and construction phases of green buildings serving the commercial, residential, education and healthcare sectors. The specialty denotes practical knowledge in the LEED for New Construction, LEED for Schools and LEED for Core and Shell rating systems. The candidate handbook outlines exam policies and procedures. 
The course will be offered in seven sessions covering topics as follows: Intro/Iterative Process/Innovation; Water Efficiency/Regional Priority; Energy and Atmosphere; Location and Transportation/Sustainable Sites; Indoor Environmental Quality; Materials and Resources; Review. 
All relevant course materials will be provided. Students should bring a notebook or computer to take notes in class. The LEED AP BD+C exam fee is additional. 
Instructor: USGBC-LI Instructors 
CED 1251 A1 Meets: Tuesday and Thursday, 6:00pm-9:00pm for 7 sessions. 
Starts November 10 
Fee: $475

GPRO: HOMES (CED 1259 A1) 
This entry-level course is ideal for a range of building professionals including contractors, subcontractors, estimators, and key construction management staff in general contracting companies specializing in single- to four-family, low-rise homes. Topics include: how to pass stringent energy code inspections; sustainable construction management practices to secure a healthy bottom line; and five simple strategies that will increase the energy efficiency of your projects. Students will be provided with a copy of all study materials. 
This course is approved for 6.5 CE Credits from GBCI and 6.5 hours from AIA CES. 
Instructor: USGBC-LI Instructors 
CED 1259 A1 Meets: Wednesday and Thursday, 6:00pm-9:15pm for 2 sessions. 
Starts October 19 
Fee: $240
FUNDAMENTALS OF ENGINEERING EXAM PREPARATION (FORMERLY ENGINEER IN TRAINING EXAM) (CED 1219 A1)
The FE Review Course effectively prepares you for the NCEES Fundamentals of Engineering (FE) Other Disciplines exam. This course is designed to provide the student with the knowledge, skills, and confidence to pass the exam. The Review Course will: provide structure for organizing your study; review key engineering concepts; help you diagnose areas for improvement; and, provide opportunities for engagement with an instructor and peers.

This course covers all Knowledge Areas of the FE Other Disciplines exam: Chemistry; Dynamics; Electricity, Power and Magnetism; Engineering Economics; Ethics and Professional Practice; Fluid Mechanics and Gas Dynamics; Fluid Mechanics and Dynamics of Liquids; Heat, Mass and Energy Transfer; Instrumentation and Data Acquisition; Materials Science; Mathematics and Advanced Engineering Mathematics; Probability and Statistics; Safety, Health and Environment; Statics; and Strength of Materials.


Instructor: Craig Capria
CED 1219 A1 Meets: Saturday 8:30am-12:30pm for 29 sessions.
September 17, 2016 – May 13, 2017 (No class Nov. 26, Dec. 24, Jan. 1, Feb. 18, Apr. 15)
Fee: $995

OSHA Training Courses at NCC Fall 2016
Class materials and/or a copy of the CFR will be given to participants on the first day of all training courses. Participants may wish to bring a “flash drive” to save work – highly recommended, but not mandatory.

OSHA 510 OCCUPATIONAL SAFETY AND HEALTH STANDARDS FOR CONSTRUCTION INDUSTRY (CED 510 A1)
No Prerequisites. This course for private sector personnel covers OSHA policies, procedures, and standards, as well as construction safety and health principles. Topics include scope and application of the OSHA construction standards. Special emphasis is placed on those areas that are the most hazardous, using OSHA standards as a guide. Upon successful course completion, the student will receive a Certificate of Completion.

CED 510 A1 Meets: Tuesday-Friday, 8:00am-4:00pm for 4 sessions.
November 1, 2, 3, 4
Fee: $715

* IMPORTANT NOTE* – NO EXCEPTIONS
Anyone who intends to register at NCC for OSHA 500 Construction must comply with the following policy:

• You must complete the corresponding 510 standards pre-requisite course. You may do so in person at one of the five Region II (AOTC) Atlantic OSHA Training sites: (Rutgers School of Public Health in Piscataway/New Brunswick, NJ; NCC in Garden City, NY; NYC College of Technology in Brooklyn, NY; SUNY Buffalo; or UMET/Universidad Metropolitana in San Juan, Puerto Rico), and submit a copy of proof of certification. As of October 1, 2012, any online 510 certification will no longer be accepted.

• You must pass both a written exam and an oral presentation at the end of the Trainer course in order to receive trainer authorization.

• Your registration is not complete until confirmed by Rutgers School of Public Health.

For further information on OSHA at NCC please contact:
Kathleen Benedetto at kathleen.benedetto@ncc.edu or Donna Pesiri at donna.pesiri@ncc.edu or call 516.572.7487
ADVANCE YOUR CAREER WITH CAPM® OR PMP® CERTIFICATION

By completing the CAPM® Course (CED 1222), a student will receive the required minimum 23 hours of instruction to sit for the Project Management Institute’s CAPM® certifying exam. By also completing the Microsoft Office® Project (CED 1252) course and the Project Management: Leadership and Communication course (CED 1255), a student will have the additional required classroom hours to sit for the Project Management Professional (PMP)® certifying exam. CAPM® is a VA approved course.

CAPM®/PMP® CERTIFIED ASSOCIATE IN PROJECT MANAGEMENT (CAPM)® (CED 1222 A1)

Project Management is an in-demand field with strong earning potential. Organizations have come to recognize that knowledgeable, competent, trained Project Managers can improve business performance by bringing quality products to market on schedule, while controlling cost. If you have been thinking about taking courses to formalize your understanding of project management, making a career change, or learning tangible skills to help you stand out in your current role, this may be the course for you.

This course will cover topics included in the Certified Associate in Project Management (CAPM)® exam, an entry-level certification designed for those with little or no project experience. Students will learn the fundamental knowledge, terminology and processes of effective project management. The course will cover the ten knowledge areas (Project Integration, Scope, Time, Cost, Quality, Human Resource, Communication, Risk, Procurement, and Stakeholder Management). The material is presented with a practical approach to provide skills and knowledge that can be applied immediately in the workplace, while also preparing students to test for certification.

Required text: A Guide to the Project Management Body of Knowledge (PMBOK® Guide)—Fifth Edition, Project Management Institute, Inc., 2013. Textbook cost is additional. Students completing the course will receive a Certificate of Completion from Nassau Community College, indicating the requisite 23 hours of project management education needed to apply for the CAPM® exam. Nassau Community College does not administer the CAPM® exam. For more information, go to http://www.pmi.org. CAPM® and PMBOK® are registered marks of the Project Management Institute, Inc.

Instructor: Peter Landini
CED 1222 A1 Meets: Thursday, 6:00pm-9:00pm for 8 sessions.
October 20 – December 15
Note: December 15 meets until 10:00pm.

Fee: $450

MICROSOFT OFFICE® PROJECT (CED 1252 A1 OR CED 1252 W1)

Microsoft Office® Project is a powerful tool which assists project managers in setting timelines, managing resources and tracking finances. In this one-day introductory course, students will be taught how to utilize this software to create and adjust project schedule, tasks and timelines, based on their particular business needs. This course will cover how to format project calendars to properly reflect unique working hours and office holidays and how to create reports to share insights with colleagues and clients. Basic knowledge of project management techniques and Windows applications is required. These hours can be used to partially satisfy the classroom training hours required to sit for CAPM® exam. ONE-DAY WORKSHOP. Bring lunch.

Instructor: Jordan Spiro
CED 1252 A1 Meets: Saturday, November 12, 8:00am-4:30pm.
CED 1252 W1 Meets: Saturday, January 21, 2017 8:00am-4:30pm.

Fee: $175

PROJECT MANAGEMENT: LEADERSHIP AND COMMUNICATION (CED 1255 A1 OR CED 1255 A2)

A project manager is often assigned to lead a cross-function team to meet project objectives. In most cases, there is no formal authority and team members and stakeholders often sit higher on the org chart and in pay grade. The project manager must rely on strong leadership and clear communication skills to succeed. This class will focus and expand upon the PMBOK® knowledge areas of Project Communication, Human Resources, and Stakeholder Management. The methodologies of leading without authority, building credibility and consensus, and establishing an environment that brings out the best in people will be explored. ONE-DAY WORKSHOP. Bring lunch.

Instructor: Peter Landini
CED 1255 A1 Meets: Saturday, October 22, 9:00am-5:00pm.
CED 1255 A2 Meets: Friday, November 18, 9:00am-5:00pm.

Fee: $160
3D PRINTING – INTRO TO DRONES

WORKPLACE INNOVATION – THREE OPTIONS TO LEARN 3D PRINTING

3D PRINTING: INTRODUCTION TO ADDITIVE MANUFACTURING (CED 1257 A1)
In this course students will be introduced to the process of additive manufacturing utilizing 3D printing. It will present an overview of the technologies and the advantages over traditional manufacturing methods. Students will explore design procedures, material properties and modeling using CAD tools, specifically Autodesk Inventor. A sample product will be analyzed and a prototype modification will be modeled and printed on a Makerbot® Replicator during the initial class sessions. Students will become familiar with the set-up and operation of the machine and be challenged to create a design for submission and printing before the final class. Student designs will be examined and evaluated in the last class session. This course is recommended for engineers, inventors, architects and medical professionals interested in learning the basics of 3D modeling. Bring USB drive. 
Instructor: Marc Leonard
CED 1257 A1 Meets: Saturday, 9:00am-12:00pm for 3 sessions.
October 22-November 5
Fee: $295

PRIMER ON 3D PRINTING WITH FOCUS ON CLASSROOM INTEGRATION (CED 1250 A1)
In this class students will be introduced to the technology, its history, and the types of things you can make with a 3D printer. Projects will be discussed so teachers can readily incorporate 3D printing into a 21st century classroom to inspire the next generation of engineers, architects, industrial designers and artists. In this 3D Printing Primer, students will be taught the basics from setting up and maintaining 3D printer equipment to common terminology and best practices on how to navigate and utilize transformation tools available on AutoDesk123. Students will take a look at 3D content creation through 3D modeling and scanning. With a 3D Printer in the classroom, students will see how this technology works firsthand. Students will go online to discover, explore, and share 3D printing designs including creative communities like Thingaverse®. Students will spend time researching other open source designs, community resources and tools for bringing 3D into the classroom as well as Thingaverse® Discussion Groups. While developed for educators, particularly those teaching youth in the 6th through 12th grades, this course is open to all those interested in learning the fundamentals of 3D Printing on a Makerbot® 5th Generation Replicator. ONE-DAY WORKSHOP. Bring lunch and USB drive.
Instructor: Maureen Neuringer
CED 1250 A1 Meets: Saturday, November 19, 9:00am-3:00pm.
Fee: $175

3D PRINTING/DRONES

3D PROTOTYPING FOR BUSINESS APPLICATIONS (CED 1258 A1)
3D Printing offers the opportunity for rapid prototyping that reduces the time of product design cycles. This course is designed for entrepreneurs and individuals in the private sector who have interest in developing a faster and more collaborative innovation process through the use of 3D printing. To start, attendees will gain knowledge in print terminology and basic skills for setting up and maintaining a Makerbot® 5th Generation Replicator. Applying the basics of 3D design with Auto Desk 123, students will be introduced to the navigation and transformation tools available with this software. Students will have the opportunity to begin creating their own 3D printing designs during class. Students will also explore creative communities like Thingaverse® as well as learn about open source designs, community resources and tools for 3D printing. Lastly, examples of 3D product prototyping usage from a variety of industries will be shared and discussed. ONE-DAY WORKSHOP. Bring lunch and USB drive.
Instructor: Maureen Neuringer
CED 1258A1 Meets: Saturday, December 3, 9:00am-3:00pm.
Fee: $175

INTRODUCTION TO DRONES, UNMANNED AIRCRAFT SYSTEMS (UAS) (CED 1256 A1)
Students will gain hands-on experience during drone lab sessions to experience the basics of Unmanned Aerial Vehicles (UAV) flying under visual Line of Sight conditions and gain skills in operating a drone. An introduction to the historical, current, and future perspectives of UAS/UAVs will be presented as well as the development of unmanned aircraft systems, federal responsibility and legislation and how it impacts users, and the infrastructure of the UAV Industry. 
Required text and equipment: DRONES: Their Many Civilian Uses And The US Laws Surrounding Them by Jonathan Ruppprecht, Esq, Middletown, Delaware, Version 2.03 and Drone/UAV-SYMA X5HW (or any other version of the SYMA X5 series) and a UAV/Drone.
Instructor: James Record, FAA Commercial Drone Operator and Air Transport Rated Commercial Pilot
CED 1256 A1 Meets: Monday, 6:00pm-9:00pm (lab), and Wednesday, 6:00pm-8:00pm (classroom) for 7 sessions.
November 2-November 28 (no class on Nov. 23)
Fee: $795

3D PRINTING – INTRO TO DRONES

3D PRINTING/DRONES

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