Welcome to Union County College Workforce Development and Career Education Programs!

Our fall 2019 offerings include exciting continuing education, business solutions, professional development and personal enrichment programs. Whether you are exploring a new career, improving your workplace skills or looking to learn something new this fall, Union County College has the program for you. Workforce development grant opportunities are also available.

Browse our catalog at [www.ucc.edu/ce](http://www.ucc.edu/ce) for full course descriptions and explore our online offerings at [www.ed2go.com/ucc/](http://www.ed2go.com/ucc/). Classes are scheduled at times convenient for you – daytime, evenings and online. Programming includes youth programs, art, business, computers and technology, fitness, healthcare, languages and science.

Enjoy your fall with Union County College!

Lisa Raudelunas Hiscano, Ed.D., M.B.A.
Executive Director, Continuing Education and Workforce Development

---

Position yourself for a big career move with PMP® Certification

Become a Certified Project Manager

**PMP® Exam Preparation**

Establish yourself as a globally-recognized project manager by earning the most sought-after credential in the profession: Project Management Professional (PMP)®. PMP certification is a proven way to enhance your resume, elevate your career potential, and boost your earnings.

PMI, PMP and PMBOK are registered marks of the Project Management Institute, Inc.

Benefits of PMP® certification:

• Earn a higher salary and a prestigious global certification
• Build skills and knowledge that are transferable between industries, market segments and geographic locations.
• Prove your project management knowledge, commitment, and experience.
• Join a global network of over 774,000 PMP credential holders.

**Why Enroll in This Course?**

This intensive six-week program combines live instruction with The CertWise® Learning System for PMP® Exam Preparation to expand and test your knowledge in areas critical for project management career success.

Our instructors focus on the PMBOK® Guide–Sixth Edition content to help you prepare for the exam, and our structured classroom environment accelerates learning and improves retention. You’ll be better prepared for the updated certification exam and more effective in your project management role.

**AEBU 176 186 Cranford**

T, Th, 10/8-11/14, 6:30-9:30 pm, $1,395
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**Program Locations**

- **Cranford Campus**
  - 1033 Springfield Ave.
  - Cranford, NJ 07016-1599
  - (908) 709-7600

- **Elizabeth Campus**
  - 40 West Jersey St.
  - Elizabeth NJ 07202-2314
  - (908) 965-6000

- **Plainfield Campus**
  - 232 East Second St.
  - Plainfield, NJ 07060-1308
  - (908) 412-3599

- **Scotch Plains**
  - 1700 Raritan Rd.
  - Scotch Plains, NJ 07076
  - (908) 709-7000

- **Reeves-Reed Arboretum**
  - 165 Hobart Ave.
  - Summit, NJ 07901
  - (908) 273-8787 Ext. 15

- **Union County Performing Arts Center**
  - 1591 Irving Street
  - Rahway, NJ 07065
  - (732) 574-1435

**Contact Information:**

- **Continuing Education**
  - 908-709-7600

- **Industry-Business Institute**
  - 908-527-7207

- **Center for Economic and Workforce Development**
  - 908-659-5114

- **Workforce Innovation Business Center**
  - 908-965-6037
Earn industry certifications through Union County College and take control of your career. The following schedule lists the program name, the certification you can earn, the certifying agency and the page number where you can find complete course descriptions.

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ACCOUNTING

Continuing Education Credits for Accountants
The New Jersey State Board of Accountancy has approved Union County College as a CPE sponsor of continuing education. Accountants are eligible for Continuing Education credits for computer training courses, finance and certain courses in human resource management. For additional information, call (908) 709-7600.

Accounting 101
In this course, you will learn the basic elements of accounting in an overview of practices and functions for recording business transactions. The focus is on a general knowledge of modern business practices and includes terminology, journals, ledgers, registers, banking, billing and invoicing. You will use accounting forms, understand current developments in accounting and build an understanding of accounting for partnerships and corporations. (18 hrs)

AEFI 102 Sec 176 Cranford M, W, 9/23-10/09, 6:30-9:30 pm, $329

Introduction to Quickbooks Accounting
This introductory course will teach you the basic capabilities of QuickBooks, such as how to navigate through the QuickBooks Pro interface, create a company file and the basics of setting up accounts. You will learn the must-know basic QuickBooks features that every business owner should know including tracking inventory, sales tax, working with employees, and using QuickBooks business financial reports. Prerequisite: Accounting 101 or equivalent experience. (18 hrs)

AECO 347 Sec 160 Cranford S, 10/12-11/16, 12:30-3:30 pm, $329

Intermediate Quickbooks Accounting
To expose students to the more advanced functions in QuickBooks, a case study based on a typical small business is used in all sessions. These functions include setting up a company, security protection, backing up business information, user information and their accounting functions, automatic functions to create and operate a general ledger, invoice register, accounts payables, employee payroll functions, cash control and bank reconciliation. Learn how QuickBooks can help manage a business through tracking of all transactions such as purchase orders, inventory, invoices, receipts, and statements. Prerequisite: Introduction to QuickBooks Accounting or equivalent experience. (18 hrs)

AECO 348 Sec 176 Cranford M, W, 11/18-12/9, 6:30-9:30 pm, $329

Accounting Technician
The Accounting Technician program prepares you for an entry level position in the accounting field. Earn the following industry certifications: Microsoft Office Specialist Excel Certification, Certiport, and Intuit QuickBooks Certification, Certiport. (315 hrs)

September 2019 start. Elizabeth M, T, W, Th, 12 pm-5:00 pm, $4,325

See page 14 for details.

ADMINISTRATIVE PROFESSIONAL

American Society of Administrative Professionals Professional Administrative Certification of Excellence (PACE)
Administrative Professionals in today’s world have stepped into the responsibilities previously associated with middle management. They are executive assistants, office managers, paralegals, program analysts, benefits administrators, meeting and event planners and supervisors. Being an Administrative Professional is more than your job, it’s your profession. That’s why getting PACE certified is an important step forward in your career.

The four learning modules are presented in an adult-friendly format and all course materials and assessment exams are included in the tuition cost. With the guidance of our expert instructors and the comprehensive course materials, you will explore topics that are critical to getting ahead and staying ahead in today’s fast-moving, global environment. (30 hrs)

Benefits of PACE Certification:
• Learning from experienced instructors who present the curriculum in an easy to understand format.
• A learning environment structured to keep busy professionals on schedule and on goal.
• Opportunity to expand your professional network

The PACE Learning Curriculum is organized into four (4) modules:
Interpersonal Communication
• Persuasion
• Written Communications
• Confidentiality
• Self-promotion

Task and Project Management
• Time management strategies
• Event and meeting management
• Travel management
• Workspace management

Computer and Internet Technology
• Critical hardware, software, operating systems
• Productivity tools
• Online research
• Security and network computing

Management Skills
• Vision, mission and values
• Leadership
• Staff relations
• Managing teams
• Decision making

Course Materials
• A digital copy of the comprehensive Pace Study Guide
• On-demand training videos for each Proficiency Module
• Sample PACE exam questions
• The online assessment is comprised of 120 multiple-choice questions and takes 60–90 minutes to complete
• Students will have up to three opportunities to pass the final exam
• Online tools to help track CEUs so that you can recertify every two years

AEOF 069 Sec 176 Cranford M, W 10/28-12/2 6:30-9:30 pm, $750 (no class 11/27)
Administrative Assistant
The Administrative Assistant program provides training in the use of current software employed in today’s modern office. Earn the following industry certifications: Microsoft Office Specialist Word Certification, Certiport; Microsoft Office Specialist Excel Certification, Certiport; and Microsoft Office Specialist Outlook Certification, Certiport. (315 hrs)
October 2019 start. Elizabeth M, T, W, Th, 12 pm-5:00 pm, $4,075
See page 14 for details.

Certified Bookkeeper
The American Institute of Professional Bookkeepers (AIPB) has established a professional certification, the Certified Bookkeeper (CB) credential, a high professional standard for bookkeepers. By successfully passing tests in six subjects, signing a written code of ethics, and demonstrating two years’ work experience as a bookkeeper, you can earn the right to put “CB” after your name. The experience requirement may be completed before or after the examinations. This course focuses on preparing you for the National Certified Bookkeeper examination by helping you master the skills and knowledge required for certification. (75 hrs)
Prerequisite: High School Diploma or equivalent. Some bookkeeping experience necessary. All six workbooks included plus exam fees.
AEBU 005 Sec 186 Cranford T, Th, 10/15-1/21, 7-10 pm, $1,350
(no class 11/28, 12/24, 12/26 & 12/31)

Business and Professional Writing
Writing effectively is key to success at every level of your career. Whether you are preparing emails or complex reports, it is important to hone your message, use clear and concise language, understand your audience, and use proper grammar. Students with a wide range of backgrounds attend this course to support their career goals. (12 hrs)
AEEN 054 Sec 116 Cranford M, 10/21-1/25, 6:30-8:30 pm, $169

HUMAN RESOURCE MANAGEMENT
Updated for Fall 2019!

Earn a certificate in Human Resource Management from Union County College and the AMA University Certificate Program

To earn the revised certificate, awarded by Union County College in cooperation with AMA, you must complete all five courses, attend all class sessions and participate in projects, class studies, and pass the assessment for each course. Courses use the internationally recognized self-study curriculum developed by the AMA. (80 hrs)
Prerequisite:
AEBU 045—Fundamentals of Human Resources Management (16 hrs)

Required Courses:
AEBU 264—Communication Skills for Managers (16 hrs)
AEBU 269—Coaching for High Performance (16 hrs)
AEBU 270—HR Law (16 hrs)
AEBU 273—Compensation (16 hrs)

Fundamentals of Human Resources
In this course, you will develop your skills in key functional areas in Human Resource Management. Learn to recruit, select, Interview, and hire more qualified employees in full compliance with federal and state laws. Perform job analysis and prepare job descriptions that lay the groundwork for developing performance appraisal forms. The skills you hone in this class will improve your ability to develop a cost-effective, competitive compensation and benefits program that will substantially reduce employee turnover. Book included. (16 hrs)
AEBU 045 Sec 160 S, 9/28-11/6, 9-11am, $329 Cranford

Coaching for High Performance
In this course you will learn how to coach employees to ensure maximum performance, motivation and retention. Following a seven-step coaching process, communicate performance expectations, assess employee skill levels, establish the purpose of coaching, and agree on a coaching contract. You will practice critical skills needed to conduct coaching conversations, adapt ones coaching style to fit changing situations, and create a coaching plan, use coaching skills to motivate and retain employees, enhance team performance, and handle difficult coaching situations with insight and skill. Book included. (16 hrs)
AEBU 269 Sec 160 S, 9/28-11/16, 11:30 am-1:30 pm, $329 Cranford

HR Law
Offered in Spring 2020

Compensation
Offered in Spring 2020

Communication Skills for Managers
Offered in Spring 2020
BUSINESS AND MANAGEMENT

PMP® CERTIFICATION

Establish yourself as a globally-recognized project manager by earning the most sought-after credential in the profession: Project Management Professional (PMP®). PMP certification is a proven way to enhance your resume, elevate your career potential, and boost your earnings.

PMI, PMP and PMBOK are registered marks of the Project Management Institute, Inc.

Benefits of PMP® certification

- Earn a higher salary: According to PMI®, PMP credential holders can earn upward of US $20,000* more annually than non-credentialed jobholders.
- Earn a prestigious certification recognized around the globe.
- Build skills and knowledge that are transferable between industries, market segments and geographic locations.
- Gain an advantage over non-certified project managers.
- Prove your project management knowledge, commitment, and experience.
- Join a global network of over 774,000 PMP credential holders.
- Course materials align with the PMBOK® Guide–Sixth Edition and updated PMP exam content.
- Learn more about PMP certification, prerequisites and exam at www.PMI.org.

Why Enroll in This Course?

This intensive six-week program combines live instruction with The CertWise® Learning System for PMP® Exam Preparation to expand and test your knowledge in areas critical for project management career success.

Our instructors focus on the PMBOK® Guide–Sixth Edition content to help you prepare for the exam, and our structured classroom environment accelerates learning and improves retention. You’ll be better prepared for the updated certification exam and more effective in your project management role.

- Prepare for class and the exam with The CertWise® Learning System for PMP® Exam Preparation, included in tuition. You will have access to the online study tools for an entire year.
- Discuss topics and network with peers from a variety of industries.
- Stay on track to complete your PMP studies with our structured learning environment.
- Meet the 35 hour project management education prerequisite for the PMP Exam.

Comprehensive Reading Materials provide an in-depth exploration of the five knowledge domains tested on the PMP exam and include a glossary of key PMP terminology and progress check questions.

Interactive Online Study Tools including pre-test evaluation, chapter quizzes, flashcards, post-test, PMP practice exam, progress reports to track your scores and a resource center providing test-taking tips, feedback links and more.

AEBU 176 186  Cranford
T, Th, 10/8-11/14, 6:30-9:30 pm, $1,395

CHILD CARE

THE CHILD DEVELOPMENT ASSOCIATE (CDA)

The Child Development Associate (CDA), a national credentialing program, is a competency-based credential, and New Jersey licensing regulation recognizes the CDA credential as equal to the Group Teacher title. This 120-hour certificate program may be used toward the educational requirements for the CDA. Part 1 of each course must be taken before Part 2.

Prerequisite (60 hrs)
AEDU A81–Child Care: The Foundations Part 1 (30 hrs)
AEDU B81–Child Care: The Foundations Part 2 (30 hrs)

Required Courses (60 hrs)
AEDU A82–Child Care Professional Practices Part 1 (30 hrs)
AEDU B82–Professional Practices Part 2 (30 hrs)

Additional Course
AEDU 183–CDA Portfolio Preparation (30 hrs)

Child Care: The Foundations

Become more knowledgeable and better qualified as a child care professional. Topics include growth and development of children, general health care and safety, nutrition, educational activities, and play and an integrated curriculum. (30 hrs each part)

Books required: Essentials for Working with Young Children (SECOND EDITION) Valora Washington, Editor Council for Professional Recognition
2460 16th St Washington, DC 20009-3547
202-265-9090 – www.cdacouncil.org

Essentials for Working with Young Children- Second Edition
Workbook— Essentials Workbook (Second Edition)
In addition the students would need to select either Infant or Preschool or Family Child Care version of the book..

CDA Value Package with Preschool – Item Number: ESS4-WK4-PS

Part 1
AEDU A81 Sec 186  Cranford
T, Th, 10/8-11/7, 6-9 pm, $250

Part 2
AEDU B81 Sec 186  Cranford
T, Th, 11/12-12/17, 6-9 pm, $250, (no class 11/28)
EDUCATION

NPTNJ ALTERNATE ROUTE TEACHER PREPARATION

Introduction to Teaching: 50-Hour Pre-Service Component for the New Pathways to Teaching in New Jersey, Alternate Route Program

The New Jersey New Pathways to Teaching program is an alternate route to teacher certification program. The program allows students with four year college degrees who meet the program criteria to become a certified New Jersey teacher even though they did not complete a traditional undergraduate teacher preparation program.

Effective September 1, 2017, the New Jersey Department of Education has significantly changed the educational requirements for teacher education programs.

Under the new program, all New Pathways students must take a 50-hour Introduction to Teaching class prior to obtaining a teaching position. This class includes 30 hours of instruction in classroom management, assessment tools, lesson plans, learning strategies, technology and diversity in the classroom, as well as job search strategies for teachers. The student must observe a classroom for an additional 8 hours. Twelve hours of clinical work, is also required.

AEDU 144 Sec 186 Cranford
T, Th 10/8-11/7, 6-9pm, $395

For more information, please contact Annette Castro at 908-709-7601 or email castro@ucc.edu.

REAL ESTATE

Principles of Real Estate

Consider the real estate market as a means to change careers or seek additional income. If you are new to this field, you must meet the requirements for the state examination and you must work as a sales associate within one year of completing the course and passing the exam. Topics include property interest, mortgages, deeds, title closing, liens real estate law and ethics, agency relationships and real estate calculations. This 75-hour course meets the Real Estate Commission requirements for the N.J sales/licensing examination. Once you pass the state exam you must maintain an active license at a real estate office within a one-year period or you will have to repeat the course and test (there are no exceptions). Textbook included in course fee. (75 hrs)

AERL 101 Sec 476 Scotch Plains
M, W, 9/23-12/18, 6:30-9:30 pm, $475, (no class 11/27)
(In the Police Academy, first floor Lecture Hall)

Note: Students must pass the final exam with a grade of 70% or better to receive a certificate of completion. Students will be permitted to re-take the final examination two times for a fee of $50 each attempt and must register the re-test. It may or may not be the same exam (make-up date will be announced). Failure to pass the exam after the second time will require the student to retake the course.

FITNESS CAREERS

PERSONAL TRAINER NATIONAL CERTIFICATION

Get all the information needed to start an exciting fitness career and become a Certified Personal Trainer. Our personal trainer course is a great way to become a successful Certified Personal Trainer with an option to complete an employer internship that can walk you into jobs! This challenging course is for candidates wanting LIVE instruction with in-depth, hands-on practical lab to master the essential career skills and knowledge. The course consists of 15 hours of lecture on key topics like biomechanics, exercise physiology, fitness testing, equipment usage, health assessment and 15 hours of hands-on practical training labs with role playing drills on assessing clients, programming, performing proper exercises, presentation skills and more.

Included in this course is a student workbook and access to online student study tools to take the World Instructor Training Schools (W.I.T.S.) Certified Personal Trainer exams.

You can work right after passing the exams with proof of CPR/AED to obtain your Level 1 Certified Personal Trainer. (36 hrs)

Book available at Union County College bookstore. Students must purchase the textbook prior to the first day of class.

AEEX 120 Sec 186 Cranford
T, Th 10/22-12/5 6:30-9:30 pm, $649
(no class 10/31 & 11/28)

Exercise Program

Explore exercise modifications for people with specific health concerns such as hypertension, heart disease, diabetes, osteoporosis, and more. Many are living with chronic diseases or conditions but have received clearance from their physician to participate in a non-clinical exercise program. This six hour lecture/workshop reviews selected common chronic diseases, and shows how to design safe and effective exercise programs for these individuals. Co-sponsored with World Instructor Training Schools (W.I.T.S.) and provides 6 CEUs. (6 hrs)

AEEX 121 Sec 160 Cranford
S, 9/28, 9 am-4 pm, $135

NUTRITION SPECIALIST CERTIFICATION

This nutrition certification course will enable you to implement successful strategies for effective nutritional guidance. It will cover the essentials of nutrition and explore the dynamics of the dietary supplement industry. Case studies and methods for practical application and coaching techniques will be discussed. You will have the documents necessary to implement nutrition programs for individuals, groups, and children. The curriculum meets the training program standard for the American Academy of Sports Dietitians and Nutritionists’ (AASDN) Nutrition Specialist credential. On-line Certification exam available on the last day of class.

For additional information regarding course content and certification, call Greg Mahadeen at 732-695-1649. Please send email to info@aasdn.org to purchase required textbook for course. (24 hrs)

AEEX 123 Sec 160 Cranford
S 10/26-11/16, 9am-4pm, $570
INFORMATION TECHNOLOGY AND COMPUTER TRAINING

COMPTIA NETWORK +

**CompTIA Network + Certification**

Do you want to enter the growing IT field but have no or little prior knowledge of network technology? This class is ideal if you have little networking experience and will prepare you to sit for the CompTIA Network + certification exam. Many companies such as Dell, HP, Ricoh, Sharp and Xerox recommend or require CompTIA Network+ for their networking technicians.

If you take this course and pass the Network + certification exam you will be prepared for jobs such as network administrator, network installer, help desk technician, or IT cable installer. Several topics covered will include network basics, network-to-network communications, network security, wireless networking standards, and others. (80.5 hrs)

AECO A17 Sec 176 Cranford
M, W, 10/7-1/27/20, 6:30-9:30 pm, $985
(no class 11/27, 12/23, 12/25, 12/30, 1/1/20 & 1/20/20)

A+ Hardware (Essentials) Certificate

The fundamentals of supporting and troubleshooting computer hardware are brought to you in this course in a step-by-step approach. You will learn the hardware common to virtually every personal computer including: microprocessors, RAM, power supplies, motherboards, BIOS, CMOS, the expansion bus, removable drives and hard drives. The course maps fully to CompTIA's A+ Exam objectives to prepare you for the exam (test fee is not included) (63 hrs)

AECO A15 Sec 186 Cranford
T, Th, 10/8-12/19, 6-9pm, $889
(no class 1/28)

A+ Software (Practical Applications) Certificate

The fundamentals of supporting and troubleshooting computer software are brought to you in this course in a step-by-step approach. You will learn how to install, maintain, configure, and upgrade all current versions of Windows: XP, Vista and 7 and learn how to use the DOS-style command line for performing tech tasks. The course maps fully to CompTIA's A+ Exam objectives to prepare you for the exam. (59 hrs)

AECO B15 Sec 186 Cranford
Will be offered Spring 2020

Cisco Certified Networking Associate (CCNA)

Are you looking to get ahead or to find a new job in the fast-growing IT industry as a network administrator, WAN Administrator, engineer, or installer? The Cisco Academy Program at Union County College will prepare you to take the new CCNA 5.0 Certification which is recognized worldwide in the IT networking industry. This coursework will teach you how to design, build and maintain local, national, and global networks. The CCNA curriculum includes four separate modules and provides a complete range of basic through advanced networking concepts. If you complete all four semesters, you will be prepared to sit for the CCNA (Cisco Certified Networking Associate) Routing and Switching Exam. See inside back cover for details.

APP DEVELOPMENT

**New! Intro to App Development with Swift**

Swift is the powerful and intuitive programming language created by Apple for building apps. It makes programming easier, more flexible, and more fun. Swift is not only great for getting you started with coding, it’s also super powerful. It’s designed to scale from writing the simplest program to the world’s most advanced software.

This introductory 90-hour course is designed to help students build a solid foundation in programming fundamentals using Swift as the language. You will get practical experience with the tools, techniques, and concepts needed to build a basic iOS app. App Design lessons will take you through the process of designing an app, including brainstorming, planning, prototyping, and evaluating an app of their own. Even though you might not yet have the skills to build the app, the work you put into the prototype will set you up for future development. (90 hrs)

AECO 038 196 Cranford
T, Th, 10/1-1/23/20, 6:30-9:30 pm, $1,080
(no class 11/28, 12/24, 12/26, & 12/31)

**App Development with Swift: Part 1 & 2**

These two 90-hour courses feature many content specific lessons, each designed to teach a specific skill related to either Swift or app development. Each type of lesson takes a different approach: Swift lessons will focus on specific concepts. The labs for each are presented in playgrounds so that you can experiment with code and see the results immediately. Playground files are provided. App development lessons focus on building specific features for iOS apps. These lessons typically take students step by step through a mini-project. The labs help you apply what you learned to a new scenario.

**App Development with Swift: Part 1**

AECO B38 194 $1,080
Will be offered Spring 2020

**App Development with Swift: Part 2**

AECO C38 194 $1,080
Will be offered Spring 2020

Students who complete all three courses and certification exam will earn the App Development with Swift Level 1 Certification.

For information about these programs, contact Continuing Education at 908-709-7600.
Computerized Office Skills

The Computerized Office Skills program provides training in the use of current software employed in today’s modern office. In this program, the student with little or no computer proficiency or work experience will become adept with the applications most utilized in office operations today. Computer applications include: Microsoft Word; Microsoft Excel and Introduction to Microsoft Outlook. Upon successful completion of program requirements, you will be able to sit for the following industry certification exam: Microsoft Office Specialist Word Certification, Certiport and Microsoft Office Specialist Excel Certification, Certiport. (315 hours)

October 2019 start Elizabeth M, T, W, Th, 12-5 pm, $4,075

See page 14 for program details.

Microsoft Word Beginner

Microsoft Word is designed to help you move smoothly through the task of creating professional-looking documents. In this course, you’ll learn how to use Word to create, edit simple documents; format documents; add design elements and layout options; and proof documents. (7 hrs)

Learn to:
• Format text and paragraphs.
• Enhance lists by sorting, renumbering, and customizing list styles.
• Create and format tables.
• Format the overall appearance of a page.

Book available at Union County College bookstore; must be purchased prior to the class.
AECO A27 Sec 186 Cranford T, Th 10/8-10/10, 6:30-10 pm, $149

Microsoft Word Intermediate

Creating professional-looking documents and implementing time-saving features such as document templates and automated mailings helps you and your organization reduce expenses (7 hrs). Learn to:
• Organize content using tables and charts.
• Customize formats using styles and themes.
• Use templates to automate document formatting.
• Simplify and manage long documents.

Prerequisite: Word Beginner
Book available at Union County College bookstore; must be purchased prior to the class.
AECO B27 Sec 186 Cranford T, Th 10/15-10/17, 6:30-10 pm, $149

Microsoft Excel Beginner

This course aims to provide you with a foundation for Excel knowledge and skills, which you can build upon to eventually become an expert in data manipulation. (7 hrs) You will learn to:
• Perform calculations.
• Modify and format a worksheet.
• Print and manage workbooks.

You must be purchased prior to the class.
AECO A48 Sec 176 Cranford M, W 10/28-10/30, 6:30-10 pm, $149

Microsoft Excel Intermediate

This course builds upon the foundational knowledge presented in the Microsoft Office Excel® Beginner course and will help start you down the road to creating advanced workbooks and worksheets that can help deepen your understanding of organizational intelligence. (7 hrs) You can build upon to eventually become an expert in data manipulation. (7 hrs) Learn to:
• Work with functions and lists.
• Analyze and visualize data with charts.
• Use PivotTables and Pivot Charts.

Prerequisite: Excel Beginner or equivalent knowledge
Book available at Union County College bookstore; must be purchased prior to the class.
AECO C48 Sec 176 Cranford M, W 11/11-11/13, 6:30-10 pm, $149

Microsoft PowerPoint Beginner

Gain the ability to organize your content, enhance it with high-impact visuals, and deliver it with a punch. (7 hrs)

You can build upon to eventually become an expert in data manipulation. (7 hrs) Learn to:
• Identify the basic features and functions of PowerPoint.
• Develop a PowerPoint presentation.
• Perform advanced text editing operations.
• Add graphical elements to your presentation.

Book available at Union County College bookstore; must be purchased prior to the class.
AECO A72 Sec 176 Cranford M, W 11/18-11/20, 6:30-10 pm, $149
INFORMATION TECHNOLOGY AND COMPUTER TRAINING

CYBERFORENSICS

Classes run September – December 2019

Introduction to Cyberforensics
Interested to learn the basics of cyberforensics? Looking to get a better job? Advance at your current job? Enroll in our Introduction to Cyberforensics non-credit certificate program this fall.

Cyberforensics requires the collection, preservation and analysis of digital evidence for presentation in criminal or civil court. This introduction to Cyberforensics program provides students with knowledge of the Linux operating system and its applicability to digital forensics, an overview of the fundamental principles of forensic science, the technical and legal aspects of digital forensics, and an introduction to cybersecurity. Begin preparation to become a cyberforensics technician or advance your current career path.

To earn a certificate of completion the following three courses must be completed satisfactorily. Students need to enroll in Linux Fundamentals (AECO 039 Sec 275) as their first course. Principles of Cybersecurity will also be offered in the Spring 2020 semester.

AECO 039 Sec 275 Linux Fundamentals
AECO 040 Sec 287 Digital Forensics Essentials
AECO 054 Sec 275 Principles of Cybersecurity

Books can be purchased from the College bookstore.

Linux Fundamentals
This course provides an introduction to the Linux operating system and its applicability to digital forensics. Topics include Linux scripting, installation, configuration, boot loaders, mounting drives and images, process control, user and group administration, file system administration and management, as well as setting up a secure Linux login environment. 3 lecture hours per week. (45 hrs)

AECO 039 Sec 275 Elizabeth M, W, 7:10–8:30 pm, $649

Digital Forensics Essentials
This hands-on course introduces the fundamental principles of forensic science generally, and the technical and legal aspects of digital forensics specifically, including forensic procedures, imaging, hashing, file recovery, file system basics, mismatched file types, reporting, and the laws governing digital evidence. Students will use both open-source and court-approved (AccessData) forensic software tools to conduct digital forensic examinations. 4 lecture hours per week. (60 hrs)

AECO 040 Sec 287 Elizabeth T, Th, 5:05–7:00 pm, $879

Principles of Cybersecurity
This course introduces the student to the field of cybersecurity. It presents a comprehensive survey of the breadth of cybersecurity. This includes local host, network, web, and databases that are prone to attack. The student will focus on the identification of security threats and countermeasures that can be taken to make these systems more secure. Students will also learn about the legal, compliance, ethical and professional issues in cybersecurity. (45 hrs)

AECO 054 Sec 275 Elizabeth M, W, 4:10–5:30 pm, $649

SOCIAL MEDIA MARKETING

Social Media Marketing for Business
Social media applications like Facebook, Twitter and YouTube can help you get your business message out to the masses. In this course, we will look at six social media solutions: Facebook, Twitter, YouTube, blogging, Flickr and LinkedIn. We will explore examples where individuals, non-profits and businesses successfully used these tools to make new connections with fans and customers. We will also develop a plan for your business to incorporate targeted social media solutions and how to measure the impact these tools will make over time. (6 hrs)

AEEN 041 Sec 160 Cranford S, 10/26-1/2, 12-3 pm, $129

GED TEST PREPARATION

GED Preparation
Boost your skills and develop a reliable study program for the four areas required to obtain your GED: Reasoning through Language Arts; Mathematical Reasoning; Science; and Social Studies. You should be prepared to do work at home as well as in class. Learn strategies to maximize your chances for success. (48 hrs)

For your convenience, all books and required materials are available at the college bookstore (908) 965-6068.

AETP 124 Sec 277 Elizabeth M, W, 10/21-1/29/20, 7-9 pm, $329 (no class 1/15, 12/23, 12/25, 12/30, 1/1/20)

For GED Preparación and other courses in Spanish, see page 18.
WORKFORCE TRAINING

The Industry Business Institute is your number one resource in Union County.

We:

- Are business focused, business friendly and business minded.
- Work side by side with clients to customize training solutions and deliver them with expert instructors, high-quality materials and flexible scheduling.
- Consult with your team and offer workforce training solutions for business planning, growth, change and increased profitability.
- Offer comprehensive cost-effective training packages.

Customized Training Solutions include:

- Six Sigma
- Supervisory Skills
- Conflict Resolution
- Time Management
- Customer Service
- Harassment Prevention
- Leadership Skills
- Computer Applications
- And more.

Learn more... Contact us at 908-527-7207 or ibi@ucc.edu  • Visit us at: www.ucc.edu/ibi
Grant-Funded Classes for Employees of New Jersey Businesses

Our grant-funded training programs are offered through a grant from New Jersey Labor and Workforce Development through the New Jersey Community College Consortium for Economic and Workforce Development. Programs include MS Office applications and soft skills classes at our campuses or at your location.

Register at www.ucc.edu/ibigrant

Written Communications
Various business writing techniques are necessary in today’s workplace, and this course teaches them all. Program participants will achieve competency in areas of basic grammar essentials, sentence and paragraph structuring, punctuation, capitalization, number usage, and abbreviations, as pertaining to business usage. They will also master the principles and techniques of writing business letters, emails, memoranda, short reports, and proposals.

Verbal Communications
Participants will learn about and apply the basic elements of the communication process, select communication styles to ensure clarity with others and develop a personal list of tips and techniques to continue improvement of both external and internal communications. Topics include: active listening, non-verbal communications, “personality” protocols, effective language use and understanding of why communications break down, and how to avoid pitfalls. (8 hrs)

Customer Service
In this course, participants learn the critical elements of customer service. Topics covered include: recognizing that service delivery is an individual response value, understanding how an individual’s behavior impacts the behavior of others, developing more confidence and skill as a problem-solver, communicating assertively and effectively and making customer service a team approach. (12 hrs)

Additional grant-funded programs include:
• English as a Second Language
• Spanish for the Workplace

Contact us for complete program information at 908-527-7207 or ibi@ucc.edu
Workforce Development

The Center for Economic and Workforce Development
Opportunities and Programs for Unemployed, Underemployed or Dislocated Workers

Union County College is committed to supporting community members who are unemployed, underemployed, or dislocated from employment. Through our partnerships with the American Job Centers, the County of Union, the NJ Department of Labor and Workforce Development, the NJ Department of Children and Families and other agencies that support workforce development programs, Union County College has many programs to assist people in getting a job, getting a better job, or becoming more effective in your current choice of professions.

The Center for Economic and Workforce Development (CEWD) provides training and support services to help the unemployed and the underemployed to be better positioned to enter and compete in today's workforce as well as to develop lifelong learning skills. We offer a wide variety of programs and courses to over 4,000 adults each year. The Center's model includes standardized assessment, student support services, occupation-related basic skills instruction, and occupational training and job placement services. In keeping Union County College’s commitment to provide access to education for all, instruction is scheduled during the evenings, weekends and daytime hours so that adults can choose a schedule most convenient for themselves and their lifestyles.

See Workforce Development programs on page 14 for details.

FOR ADDITIONAL INFORMATION REGARDING THESE WORKFORCE DEVELOPMENT PROGRAMS, PLEASE CONTACT 908-659-5114 OR EMAIL US AT CEWD-RECRUITING@UCC.EDU

Union County Workforce Innovation Business Center

The Workforce Innovation Business Center (WIBC) at our Elizabeth campus is a Union County American Job Center partner affiliate funded by the Union County Board of Chosen Freeholders, the Union County Workforce Development Board and Union County College. The Workforce Innovation Business Center builds on the success of the Union County American Job Center and on the Freeholder Board’s partnership with Union County College. Through this rapidly growing relationship, job seekers can access training and other career services that help match them with prospective employers.

The WIBC provides training and career coaching to individuals preparing to enter the workforce and explore new careers. We assist businesses in training, recruiting and hiring qualified employees through job fairs, job postings, pre-screening job candidate pools and potential employee referral services.

TO CONTACT THE WIBC, CALL 908-965-6037 OR EMAIL ISAIAS.RIVERA@UCC.EDU
Workforce Development Programs

**EARN INDUSTRY-VALUED CREDENTIALS IN OUR SHORT-TERM TRAINING PROGRAMS**

The following programs are offered in an intensive format to provide individuals the opportunity to earn industry credentials and seek employment within a three to four-month period. These programs are approved through the New Jersey Eligible Training Providers List (ETPL) and individuals may be eligible for grant funding. Courses are also offered on a tuition-basis.

Training programs listed on this page include job placement assistance, certification exam fees, books and course materials. Assessment testing is required prior to enrollment.

**Accounting Technician**

The Accounting Technician program prepares you for an entry level position in the accounting field. This program will provide instruction in financial language, preparation of accounts, journals, ledgers, and financial statements, Microsoft Excel and QuickBooks. All areas of instruction will include the use of computerized accounting software. Topics include: Accounting Basics; Microsoft Excel; and QuickBooks. **Upon successful completion of program requirements, you will be able to sit for the following industry certification exams:** Microsoft Office Specialist Excel Certification, Certiport, and Intuit QuickBooks Certification, Certiport.

Total Hours: 315 hours  
Program Cost: $4,325  
Location: Elizabeth Campus  
Program Schedule: Monday – Thursday, 12:00 – 5:00 pm, September 2019 start.

**Administrative Assistant**

The Administrative Assistant program provides training in the use of current software employed in today’s modern office. In this program, students will become adept with the applications most utilized in office operations today. This course is designed for the student who has some computer and keyboarding proficiency and work experience. Topics include: Microsoft Word; Microsoft Excel; and Microsoft Outlook. **Upon successful completion of program requirements, you will be able to sit for the following industry certification exams:** Microsoft Office Specialist Word Certification, Certiport; Microsoft Office Specialist Excel Certification, Certiport; and Microsoft Office Specialist Outlook Certification, Certiport.

Total Hours: 315 hours  
Program Cost: $4,105  
Location: Elizabeth Campus  
Program Schedule: Monday – Thursday, 12:00 – 5:00 pm, September 2019 start.

**Computerized Office Skills**

The Computerized Office Skills program provides training in the use of current software employed in today’s modern office. In this program, the student with little or no computer proficiency or work experience will become adept with the applications most utilized in office operations today. Computer applications include: Microsoft Word; Microsoft Excel and Introduction to Microsoft Outlook. **Upon successful completion of program requirements, you will be able to sit for the following industry certification exams:** Microsoft Office Specialist Word Certification, Certiport and Microsoft Office Specialist Excel Certification, Certiport.

Total Hours: 315 hours  
Program Cost: $4,075  
Location: Elizabeth Campus  
Program Schedule: Monday – Thursday, 12:00 – 5:00 pm, October 2019 start.

**Fundamentals of Supply Chain Management Program**

The Fundamentals of Supply Chain Management program provides you with the fundamentals of the transportation, logistics and distribution industry sector. Learn about warehousing, transportation and customer service operations, supply management and procurement, demand planning, manufacturing and service operations, and inventory management. This program provides the entry level student with the knowledge to obtain an entry level job in the industry or an experienced individual with other industry experience the opportunity to apply their former work experience with a layer of new industry credentials to the TLD industry sector. **Upon successful completion of program requirements, you will be able to sit for the following industry certification exams:** SCPro Fundamentals (CSCMP) Certificates in: Supply Chain Management Principles, Warehousing Operations, Transportation Operations, and Customer Service Operations.

Total Hours: 180 hours  
Program Cost: $4,000  
Location: Elizabeth Campus  
Program Schedule: Monday – Thursday, 8:30 am – 2:00 pm, October 2019 start.

WORKFORCE DEVELOPMENT PROGRAMS — CONTACT US AT 908-659-5114 OR CEWD-RECRUITING@UCC.EDU
Medical Billing Specialist  
CERTIFICATE PROGRAM

The Medical Billing Specialist program provides students with skills and knowledge to begin a medical billing career. You will learn how to submit claims compliant with government regulations and private payer policies, how to follow-up on claim statuses, resolve claim denials, submit appeals, post payments and adjustments, and manage collections. Topics include: Medical Terminology; an introduction to various types of insurance plans; knowledge in applying payer policy, Local Coverage Determinations (LCDs), and National Coverage Determinations (NCDs) for successful claim submissions; Knowledge of CPT, ICD-10-CM, and HCPCS Level II coding guidelines; Knowledge of navigation of healthcare industry rules and regulations, including HIPAA, False Claims Act, Fair Debt Collections Act, and Stark Law; An understanding of the life cycle of a medical billing claim and how to improve the revenue cycle; and Training in effective claim follow-up, patient follow-up, and denial resolution. Upon successful completion of program requirements, you will be able to sit for the following industry certification exams: Certified Professional Biller (CPB), American Association of Professional Coders

Total Hours: 315 hours  
Cost of Program: $4,810  
Location: Elizabeth Campus  
Program Schedule: Monday – Thursday, 4:30 to 9:30 pm, October 2019 start.

Patient Care Technician  
CERTIFICATE PROGRAM

The Patient Care Technician plays a key role in any health care facility. Patient Care Technicians are authorized to administer basic medical care to patients. Multi-skilled Patient Care Technicians will provide quality care to patients by assisting with ADLs (activities of daily living), taking vital signs, assisting with medical examinations and treatment. Additional responsibilities of the PCT may include EKG and phlebotomy. In this course students will learn collaboration and patient management processes, body mechanics, vital signs, ambulatory care and patient positioning for treatment and rehabilitation. Topics include: Anatomy and Physiology; EKG Technician; Phlebotomy Technician (CPT); Bloodborne Pathogens; BLS CPR; First Aid; Pharmacology and Drug Interaction; and Patient Care Technician. Upon successful completion of program requirements, you will be able to sit for the following industry certification exams: National Certified EKG Technician (CET), NHA; National Certified Phlebotomy Technician (CPCT), NHA; National Certified Patient Care Technician (CPCT), NHA

Total Hours: 312 hours  
Program Cost: $ 4,954  
Location: Elizabeth Campus  
Program Schedule: Monday–Thursday, 8:30 am–2:00 pm, September 2019 start.

Eligibility Requirements for grant funding include:

- Unemployed or Underemployed
- Collecting UI Benefits or Recently Expired
- Age 18 or older
- HS Diploma or GED
- NJ Resident

Contact your American Job Center / One Stop Career Center for additional eligibility and scheduling information.

Or, contact us at 908-659-5114 or cewd-recruiting@ucc.edu.

WORKFORCE DEVELOPMENT PROGRAMS — CONTACT US AT 908-659-5114 OR CEWD-RECRUITING@UCC.EDU
LEARN TO SPEAK ENGLISH

Utilizing a combination of listening, speaking, reading and writing classes you will learn to speak English fluently. Take the College’s ESL Placement Test, and then bring your referral to register for Level 1 or Level 2 classes.

- To get started: Complete a College application in person at a College One Stop Center or online at www.ucc.edu
- After you apply, you will receive a College ID number to come in for an ESL Placement Test. For testing hours, go to www.ucc.edu/testing
- After you have tested, come in and register for courses

Cost is $270 per course/three required courses per level/$810 total cost per level

ESL Beginner Program - Level 1
Students will be introduced to the fundamentals of the English Language with emphasis on reading and vocabulary, grammar and writing skills and speaking and comprehension. The three courses in Level 1 prepare students for academic-level courses and corresponding career paths in various industries. (135 hrs)

Prerequisite: College ESL Placement test.

Required Courses:
PCA 009 Reading & Vocabulary This course provides students with exposure to the social and cultural life in the US, such as greetings, introductions, and forms of address. Students will learn how to read complete sentences, define words and understand short paragraphs.

PCA 012 Grammar & Writing This course provides students with exposure to the social and cultural life in the US, such as greetings, introductions, and forms of address. Students will learn to ask questions, interact in parenting roles and communicate and express feelings through written composition.

PCA 014 Listening & Conversation The course provides students with exposure to the social and cultural life in the US, such as greetings, introductions, and forms of address. Students will learn to follow basic classroom commands, identify everyday activities and classify sounds.

ESL Intermediate Program - Level 2
This program continues to develop and expand on the ESL material introduced in Level 1. Students will continue to develop reading comprehension and vocabulary skills, enhance their grammar skills by writing short compositions, express themselves through conversations and listening activities. The three courses in Level 2 prepare students for academic-level courses and corresponding career paths in various industries. (135 hrs)

Prerequisite: College ESL Placement test or successful completion of Level 1 courses.

Required Courses:
PCA 034 Reading & Vocabulary Students will learn to recognize topics, get meaning from context and read stories and text passages. Students will review and reinforce the concepts presented through the use of ESL software and reading, writing, listening, and speaking activities.

PCA 036 Grammar & Writing Students will learn to write letters, express likes/dislikes and provide personal information. Students will review and reinforce the concepts presented through the use of ESL software and reading, writing, listening, and speaking activities.

PCA 041 Listening & Conversation Students will listen to and participate in role plays, student interviews, and describe real life scenes. Students will review and reinforce the concepts presented through the use of ESL software and reading, writing, listening, and speaking activities.

LEVEL I BEGINNER (CRANFORD CAMPUS)

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LEVEL I BEGINNER (ELIZABETH CAMPUS)

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CONTACT US AT 908-659-5114 OR CEWD-RECRUITING@UCC.EDU
### FALL 2019 COURSE OFFERINGS

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**LEVEL II INTERMEDIATE (ELIZABETH CAMPUS)**

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**LEVEL I BEGINNER (ELIZABETH CAMPUS)**

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**LEVEL I BEGINNER (PLAINFIELD CAMPUS)**

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Cursos en Español

PARA INFORMACIÓN GENERAL, VAYA WWW.UCC.EDU

Para registrarse en las clases en español por favor llame al (908) 709-7600

PROGRAMAS DE COMPUTADORA

Introducción a la Computación (7 hrs)
AECE 020 Sec 260 Elizabeth
Sáb, 10/12-10/19
8:30 a.m.-12:00 pm $149

Ventanas 10 (7 hrs)
AECE A22 Sec 260 Elizabeth
Sáb, 10/26-11/2
8:30 a.m.-12:00 pm $149

Microsoft Word 2016, Básico (7 hrs)
AECE A24 Sec 260 Elizabeth
Sáb, 11/9-11/16
8:30 a.m.-12:00 pm $149

CUIDADO DE NIÑOS

Cuidado de Niños
Directora del Programa: Nilda Gaud
(908) 380-8483; Email: Gaud@ucc.edu

Para obtener el certificado CDA, la persona debe haber completado 800 horas de experiencia profesional en el cuidado de niños, y el programa ofrece cursos para ayudar a los estudiante a prepararse para el examen del Concilio. Estos cursos cubren una variedad de temas, incluyendo orientación positiva, comportamientos problemáticos, desarrollo cognitivo, entre otros. Los cursos están disponibles en diferentes ubicaciones y horarios, lo que permite a los estudiantes adaptarles a sus necesidades y disponibilidades.

Requisitos previos
AEDE A81–Cuidado de Niños: Los Fundamentos–Parte 1 (30 hrs)
AEDE A81–Cuidado de Niños: Los Fundamentos–Parte 2 (30 hrs)

Cursos requeridos
AEDE A82–Cuidado de Niños: Prácticas Profesionales–Parte 1 (30 hrs)
AEDE B82–Cuidado de Niños: Prácticas Profesionales–Parte 2 (30 hrs)

Este certificado de 120 horas puede ser usado para los requisitos del CDA.

Los cursos tienen que ser tomados en orden. La parte 1 debe ser tomada antes de la parte 2.

AEDE 083–CDA preparación del portafolio (30 hrs)

Cuidado de Niños: Los Fundamentos
Convítese en un profesional del cuidado de niños instruido y mejore el aprendizaje. Tópicos incluirá requisitos de un ambiente seguro y saludable, nutrición, actividades educativas, crecimiento y el desarrollo físico, cognitivo, comunicativo y creativo de los niños. El candidato también aprenderá a definir entrenadores de orientación positiva para apoyar el desarrollo social y emocional apropiado para los niños pequeños.

Parte 1

AEDE A81 Sec 276 Elizabeth
Lun, Mié, 10/7-11/6, 6-9 pm, $250
AEDE A81 Sec 186 Cranford
Mar, Jue 10/8-11/7, 6-9 pm, $250

Parte 2

AEDE B81 Sec 276 Elizabeth
Lun, Mié, 11/12-1/16, 6-9 pm, $250 (no clase 11/27)
AEDE B81 Sec 186 Cranford
Mar, Jue, 11/12-1/17, 6-9 pm, $250 (no clase 11/28)

Activo o Hiperactivo
Este curso se aplica a preescolar y este curso presenta estrategias para interactuar con niños en edad escolar y ayudar a los niños cuyos niveles de actividad son excesivos. Identificación de rasgos de niños alertas activos y técnicas de orientación positiva. Los estudiantes aprenderán razones detrás de comportamientos problemáticos de los niños, mediante el examen de las características de los niños activos y aquellos que están etiquetados como ADD o ADHD. Los estudiantes aprenderán a reconocer y apreciar cualidades únicas de cada niño, maneras de interactuar en forma útiles con niños cuyos comportamientos son difíciles y maneras de proporcionar el amor, afirmación y aceptación que estos niños necesitan. Este curso es para estudiantes que están tomando CDA o han tomado CDA. (20 hrs)

AEDE 197 Sec 226 Elizabeth
Mar, 9/17-11/19, 6-8 pm, $225

CDA Portfolio
Preparación
Este curso le proveerá con la información necesaria para construir su “Portafolio CDA.” Usted debe de haber completado las 480 horas de experiencia profesional en un centro de aprendizaje o jardín antes de participar en este curso. Además, debe tener buena alfabetización y ortografía. El requisito educacional de 120 horas para obtener su CDA puede satisfacerse al completar nuestro programa de certificado “Children’s Care-Giver.” Usted aprenderá a construir las seis composiciones requeridas para la evaluación del Concilio. También le proveeremos con información sobre cómo recopilar documentaciones adicionales requeridas para el portafolio. Finalmente lo prepararemos para el examen oral y escrito dado por un representante del concilio de CDA. En “Union County College” lo prepararemos con todos los requisitos del Concilio para poder solicitar el examen. El Concilio de Washington, D.C. después de recibir su solicitud la examinará y ellos le otorgarán la certificación CDA. (30 hrs)

AEDE 083 Sec 136 Cranford
Mié, 9/18-11/20, 6-9 pm $250
AEDE 083 Sec 260 Elizabeth
Sáb, 9/28-12/7, 9:30 am-12:30 pm $250, (no clase 11/30)

GED (PREPARACIÓN)
Aumente sus habilidades y desarrolle un programa fiable de estudio en las 4 áreas requeridas para obtener su GED: Razonamiento a través de Artes del lenguaje; matemáticas razonamiento; ciencia; y estudios sociales. Usted debe estar preparado para trabajar en la casa así como en clase. Aprenda donde se ofrece el examen y estrategias para aumentar sus oportunidades de éxito. Los cursos están disponibles en dos niveles. Para su conveniencia, todos los libros y materiales requeridos, están disponibles en la librería del colegio. La preparación en español para el examen de equivalencia (GED) está disponible en Elizabeth Union County College. (48 hrs)

AETE 124 Sec 260 Elizabeth
AETE 124 Sec 266 Elizabeth
Mar, Jue, 9/24-12/17, 6:30-8:30 pm, $329 (no clase 11/28)

REGÍSTRESE EN LINEA (a través del Internet)
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Online Learning
anytime, anywhere... just a click away!

Our online learning programs are offered in partnership with Education to Go.

Prepare for employment in some of today’s hottest careers with a comprehensive, affordable, and self-paced online Career Training Program. You can begin these Programs at any time and learn at your own pace. Upon successful completion of all required coursework, you will receive a Certificate of Completion.

For a full listing of available programs, go to https://careertraining.ed2go.com/ucc

Career training programs include:

- **Graphic Arts and Design**
  - Video Game Design and Development
  - Web Design

- **Business**
  - Court Interpreter
  - Lean Six Sigma Yellow, Green and Black Belt

- **Computer Applications**
  - Android App Developer
  - Microsoft Application Certification

- **Computer Programming**
  - Java Programmer
  - Python Developer

- **Health and Fitness**
  - Certified Medical Transcriptionist
  - Medical Interpreter

- **Hospitality**
  - Corporate Event Planner
  - Retail Customer Service Skills Training

- **Information Technology**
  - CompTIA Certification

- **Accounting and Finance**
  - Accounting Fundamentals

- **Business**
  - Business Software
  - Business Writing

- **College Readiness**
  - GED, SAT/ACT and GRE Test Prep

- **Computer Applications**
  - Microsoft Applications
  - QuickBooks

- **Computer Programming**
  - Database Management
  - Networking and Communication
  - Computer Programming

- **Design and Composition**
  - Digital Photography
  - Graphic Design
  - Web Design

- **Healthcare and Medical**
  - Alternative Medicine
  - Health Information Technology
  - Ethics, Law and Compliance

- **Personal Development**
  - Languages
  - Arts
  - Job Search
  - Personal Enrichment

- **Writing and Publishing**
  - Business Writing
  - Creative Writing
  - Grant Writing

https://careertraining.ed2go.com/ucc

Our instructor-led online courses are informative, fun, convenient, and highly interactive. We focus on creating warm, supportive communities for our learners.

New course sessions begin monthly, are project-oriented and include lessons, quizzes, hands-on assignments, discussion areas, supplementary links, and more.

For a full listing of available programs, go to https://careertraining.ed2go.com/ucc

Instructor-led short courses include:

- **Accounting and Finance**
  - Accounting Fundamentals

- **Business**
  - Business Software
  - Business Writing

- **College Readiness**
  - GED, SAT/ACT and GRE Test Prep

- **Computer Applications**
  - Microsoft Applications
  - QuickBooks

- **Computer Programming**
  - Database Management
  - Networking and Communication
  - Computer Programming

- **Design and Composition**
  - Digital Photography
  - Graphic Design
  - Web Design

- **Healthcare and Medical**
  - Alternative Medicine
  - Health Information Technology
  - Ethics, Law and Compliance

- **Personal Development**
  - Languages
  - Arts
  - Job Search
  - Personal Enrichment

- **Writing and Publishing**
  - Business Writing
  - Creative Writing
  - Grant Writing

https://www.ed2go.com/ucc
CPR FIRST AID, AND AED CERTIFICATION COURSES

BLS for Healthcare Providers—Classroom (AHA)

This program combines discussion, video, and hands-on training for healthcare professionals who need to know how to perform CPR, as well as other lifesaving skills, in a wide variety of in-hospital and out-of-hospital settings.

This course covers how to respond to breathing and cardiac emergencies in adult, children, and infants until more advanced medical personnel take over. Topics include: Primary assessment, ventilations, (Including use of CPR breathing barriers and use of BVMs, choking (Including conscious and unconscious), CPR (one and two rescuers), and AED. Certificate available upon completion. (4 hrs)

AEHL 962 Sec 116 Cranford M, 10/14, 6-10 pm $129

Heart Saver CPR/AED Course (AHA)

This class is designed for non-healthcare providers and is intended for lay-rescuers, teachers, corporate personnel, or anyone else who wants to learn important CPR and use of an AED. Heartsaver® CPR/AED is a classroom, video-based, instructor-led course that teaches adult CPR and AED use, as well as how to relieve choking in an adult. This course teaches skills with AHATs research-proven Practice-While-Watching (PWW) technique, which allows instructors to observe the students, provide feedback and guide the students learning of skills. Certificate available upon completion. (4 hrs)

AEHL 961 Sec 116 Cranford M, 10/28, 6-10 pm, $129

EMERGENCY MEDICAL TECHNICIAN—BASIC

Program Chairperson:
Laurie Sheldon
Email: sheldon@ucc.edu

This program meets the requirements of the National Highway and Transportation Emergency Medical Technician Safety Administration’s Emergency Medical Technician—Basic National Standard Curriculum.

This course is designed to instruct you to the level of Emergency Medical Technician Basic (EMT-B) and to introduce all the necessary skills to provide emergency medical care at a basic life support (BLS) level with an ambulance or other specialized service. Upon successful completion of this program, you will be eligible to take the New Jersey certification exam, which is required to act as an EMT in NJ. (220 hrs)

This course is held in the Plainfield Annex.

Cost: $1,500 OR NJ Training Fund Certificate of Eligibility (for eligible First Aid Squad volunteers).

Prerequisite: Current CPR/certification at the healthcare/professional level by the American Heart Association, American Red Cross, or the National Safety Council.


Book is available at the Plainfield Campus Bookstore.

Please note: Students need to have access to a computer for online assignments.

Mandatory Orientation
W, 8/15, 6-8 pm, Plainfield, Rm 111

The College offers three EMT sections:

AEHL 100 Sec 340 Plainfield Th, 9/5-12/19, 8:30am-5pm, $1,500

AEHL 100 Sec 360 Plainfield Th, 9/5-12/19, 8:30am-5pm, $1,500

AEHL 100 Sec 346 Plainfield Th, 9/5-12/19 6:30-10:30pm, $1,500
HEALTHCARE CAREERS

PATIENT CARE TECHNICIAN

CERTIFICATE PROGRAM

The Patient Care Technician plays a key role in the any allied health care facility.

Patient Care Technicians are authorized to administer basic medical care to patients. Multi-skilled Patient Care Technicians will provide quality care to patients by assisting with ADLs (activities of daily living), taking vital signs, assisting with medical examinations and treatment. Additional responsibilities of the PCT may include EKG and phlebotomy. Work places include physician’s offices, clinics, nursing homes, medical centers, and hospitals. In this course, students will learn collaboration and patient management processes, body mechanics, vital signs, ambulatory care and patient positioning for treatment and rehabilitation.

Upon completion of these courses, students will be awarded the Patient Care Technician Certificate: (297 hrs)

Prerequisites
- AEHL 111–Part I: Anatomy and Physiology (36 hrs)
- AEHL A11–Part II: Anatomy and Physiology (32 hrs)
- AEHL 147–EKG Technician (48 hrs)
- AEHL 146–Phlebotomy Technician (90 hrs)
- AEHL 134–Pharmacology and Drug Interaction (15 hrs)
- AEHL 959–Basic Certifications Package (16 hrs)

Required Courses
- Patient Care Technician Part I (30 hrs)
- Patient Care Technician Part II (30 hrs)

At the conclusion of the “Patient Care Technician Certificate Program” the student will have the opportunity to take exams to obtain the following certifications (additional study material is recommended to prepare for any national certification examination):
- National Certified EKG Technician (CET) through NHA
- National Certified Phlebotomy Technician (CPCT) through NHA
- National Certified Medical Administrative Assistant (CMAA) through NHA
- BLS CPR Certification through the American Heart Association (AHA)
- First Aid Certification through the American Health and Safety Institute (AHSI)
- Bloodborne Pathogens Certification through the American Health and Safety Institute (AHSI)
- National Certified Patient Care Technician (CPCT) through NHA

Patient Care Technician – Short Term Intensive Program

The Patient Care Technician plays a key role in any health care facility. Earn the following industry certifications: National Certified EKG Technician (CET), NHA; National Certified Phlebotomy Technician (CPCT), NHA; National Certified Patient Care Technician (CPCT), NHA. (312 hrs)

September 2019 start. Elizabeth Campus
M, W, Th, 8:30 am-2:00 pm, $4,954
See page 15 for details.

PHARMACY TECHNICIAN

CERTIFICATE PROGRAM

The Pharmacy Technician plays a key role in the allied health field. Working under the supervision of a Licensed Pharmacist, Pharmacy Technicians assist in dispensing prescriptions in both retail and private pharmacies. Pharmacy Technicians speak with customers to acquire information, count tablets and measure amounts of medications for prescriptions, package and label prescriptions, and handle insurance issues. To become a Pharmacy Technician, one must possess a high school diploma or equivalent, have a strong mathematical background, and pass a criminal background check. Most states require some sort of formal training. Some states and employers may also require their Pharmacy Technicians to acquire national certification. (120 hrs)

Job Outlook: Employment for Pharmacy Technicians is expected to increase by 32% from 2010 to 2020, much faster than the average for all occupations. (Bureau of Labor Statistics)

Upon completion of the program, the student will have the opportunity to hold the following certifications/license:
- Pharmacy Technician Certification Board
- NJ Licensing

Required Course
AEHL 955 Sec 276 Elizabeth
M, W, 10/7-3/23/20, 6:30-9:30 pm, $1,500
(no class 1/27, 12/23, 12/25, 12/30, 1/1/20, 1/20, 2/17, 3/9, & 3/11)
EKG Technician Program

An electrocardiogram is a record of the electrical activity of the heart. As an EKG Technician, you will perform electrocardiograms (ECGs) on patients in various medical facilities for interpretation and diagnosis by the physician. Upon completion of this program, you will be eligible to sit for the National HealthCareer Association (NHA) EKG Technician Certification Examination. (116 hrs)

Prerequisites
- AEHL 111–Part I: Anatomy and Physiology (36 hrs)
- AEHL A11–Part II: Anatomy and Physiology (32 hrs)

Note: Part I must be taken before the required EKG class and Part II can be taken before or concurrently.

Required Courses
- AEHL 147–EKG Technician (48 hrs)

Recommended Elective
- AEHL 959–Basic Certifications Package (16 hrs)

Part II: Anatomy and Physiology

In this course, you will learn basic anatomy and physiology and a basic overview of medical terminology. Topics will include the nervous, endocrine, respiratory, urinary and reproductive systems from the perspective of structure, processes and regulation. Special senses and human development genetics will also be covered. This course is a mandatory requirement for all Phlebotomy Technician Certificate and the EKG Technician Certificate students and should be taken in conjunction with those courses. (32 hrs)

Program requirements: Textbook required for first class; available at College bookstore.

Prerequisite: AEHL 111 - Part I: Anatomy and Physiology

AEHL A11
Will be offered Spring 2020

EKG Technician

In this course, you will learn to identify the anatomy and physiology of the cardiovascular system, the phases of the cardiac cycle, set-up of equipment and strip interpretation. As a student, you will be required to set up the EKG equipment and perform live EKGs on fellow students. You will be required to sign a Confidentiality Waiver provided by your instructor on the first day of class. (48 hrs)

Program requirements: Textbook required for first class; available at College bookstore. EKG Calipers are recommended; available at College bookstore. Students must wear scrubs and closed-toe shoes in class.

AEHL 147 Sec 276 Elizabeth
M, W, 10/21-12/16, 6-9 pm, $450
(no class 11/27)

AEHL 146 Sec 286 Elizabeth
T, Th, 10/8-1/30/20, 6-9 pm, $900
(no class 11/28, 12/24, 12/26, & 12/31)

Note: Not all courses are offered every semester.
Introduction to Cannabis in New Jersey

New Jersey’s Department of Health announced a Request for Applications for up to 108 new businesses to serve the state’s medical marijuana program. Interested in understanding more about the application process or how you can get involved? Or are you just curious about the program? This program will cover the current state of cannabis in New Jersey, including NJ’s Request for Applications (RFA) for medical marijuana businesses, its plans for broader legalization, and lessons NJ can learn from states with more mature cannabis markets. All members of the public, including professionals, entrepreneurs, students and local government officials, are invited to enroll and gain clarity into this rapidly changing industry. (3 hrs)

October 2019 start. Elizabeth M, T, W, Th, 4:30-9:30 pm, $4,810
See page 15 for details

Medical Marijuana

New Jersey is one of many states that have a medical marijuana program. So what does it treat and who can and should use it? Learn from industry experts how medical marijuana works, how it is used, how you get it, side effects, and risks. Joining our industry expert panel, facilitated by attorney Jennifer Cabrera, will be professionals including a pharmacist with almost a decade of experience working with cannabis, counseling patients and implementing community outreach programs, and a foot and ankle reconstructive surgeon who is also an investor and consultant for a cannabis startup. All members of the public, including professionals, entrepreneurs, students and local government officials, are invited to enroll and gain clarity into this rapidly changing industry. (2 hrs)

ALLIED HEALTH COURSE WAIVER PROCEDURES

Students may apply for a course waiver to fulfill part of the curriculum program requirements if they have taken a course or have prior work experience which led to certification or licensure by submitting documentation and evidence of certification/licensure. Students must submit the following documentation:

1. An email addressed to coned@ucc.edu requesting a course waiver for a specific course.
2. Waiver for a didactic course: an official transcript for the considered course and a detailed course syllabus. The syllabus should include the course outline including the textbooks used and/or other learning experiences. All previous classes considered for waivers must have a minimum of “B” GPA. PLEASE DO NOT SEND ANY OF YOUR ORIGINAL DOCUMENTS. Scan and email documents to coned@ucc.edu.

Understanding Medical Insurance/HIPAA

This class introduces the student to the processes of medical insurance billing, Topics include HIPAA, managed care systems, private insurance, medical costs and reimbursement. The instructor leads discussions on medical billing basics, health insurance claim forms, claims submission and the reimbursement process. Procedural coding is briefly discussed. This course is taught through lecture and practice exercises. (50 hrs)

Prerequisite: Anatomy and Medical Terminology for Billers and Coders.

Anatomy and Medical Terminology for Billers and Coders

This class will introduce the student to the structure and function of the human body for all course work in the Medical Billing and Coding field. Anatomy is a prerequisite for all of the courses in the Medical Billing and Coding Professional Certificate Program. Medical Terminology including medical root words, prefixes, suffixes, abbreviations and definitions of all body systems will be covered. (50 hrs)

Program requirements:
Textbooks required for first day of class; available at College Bookstore.

AEHL 135 Sec 286 Elizabeth T, Th, 10/15-12/12, 6-9 pm, $625 (no class 11/28)
This program is the only tool you need to gain a solid understanding of the facility management profession and develop the knowledge and practical skills demanded by employers. This 60-hour professional development program is presented as four courses in a convenient, structured format.

THE IFMA FMP CREDENTIAL PROGRAM teaches the knowledge and skills demanded by today’s facility management employers, as defined by the IFMA global job task analysis. Learn from experienced instructors in a structured learning environment with opportunities to build your peer network and increase your professional standing.

The IFMA FMP Credential Program materials include online FMP final assessments.

Course 1: Operations and Maintenance
Course 2: Project Management
Course 3: Finance and Business
Course 4: Leadership and Strategy

Instructor: Dennis Kowal, AIA, LEED AP, FMP®, SFP

If you are an early to mid-career facility management practitioner, transitioning into the profession, or a supplier to the industry, by enrolling in Union County College’s IFMA FMP Credential Program®, you will improve your knowledge, enhance your skills, gain immediate credibility with employers, clients, and peers, and have access to everything you need to earn the FMP credential.

The four courses are presented in a convenient, adult-friendly format and all course materials and final assessment exams are included in the tuition cost. With the help of our expert instructors and the comprehensive print materials, you will explore the topics deemed critical by employers and practitioners worldwide.

Note: Please register AT LEAST one week before the start date so that materials are received in time for the first class.

Course Materials
The IFMA FMP Credential Program curriculum was developed by a team of global industry experts to teach the knowledge and skills demanded by today’s facility management employers, as defined by the IFMA global job task analysis. These materials include:

- Printed and e-version course materials
- Interactive online study tools
- Online FMP final assessments

Program Requirements
There are no prerequisites to enroll in this program.

By enrolling in this course, you’ll benefit from:

- Experienced instructors who present the IFMA FMP Credential Program materials in an easy-to-understand format.
- A structured learning environment to keep you on schedule.
- Opportunity to build your peer network.

• Course fees often qualify for tuition reimbursement.
• Up to 7.8 IFMA-issued continuing education units (CEUs) and 60 general CE hours for LEED credential maintenance for successful completion of the four courses.

Note: No additional FMP final exam is required. After passing the three FMP final assessments with a score of 75% or higher, the FMP application (with fee) must be submitted to IFMA.

FMP Credential Requirements
The IFMA FMP Credential Program materials include online FMP final assessments. To earn the FMP credential, you must pass each of the four FMP final assessments with a score of 75% or higher. Once completed, you must submit an FMP application and pay an application fee (information at www.ifma.org) to IFMA to validate your credential.

AEBU 029 Sec 125 Cranford
Tue, 2/18/20-6/2/20, 5:30-9:30 pm, $2,395 (no class 3/10)
TRANSPORTATION, LOGISTICS AND DISTRIBUTION

Ideally situated near the ports of Newark and Elizabeth, Union County College offers specific training developed in partnership with the Transportation, Logistics and Distribution (TLD) industry. One in every ten jobs in New Jersey is in the TLD sector. Our programs aim to qualify our students for these jobs.

On-campus programs are held in the evening and require study time in addition to classroom work. Online materials to reinforce classroom contents, certification exam costs and student manuals are included in the cost of each course.

CIFFA CERTIFIED FREIGHT FORWARDER PROGRAM

Coming Soon!

CIFFA is the Canadian International Freight Forwarders Association. This certification program was developed by them to teach the skills needed for entry and mid-level freight forwarding positions. Union County College is their first education partner in the United States. The program is the first step in a progression toward a FIATA Diploma, an internationally recognized credential in freight forwarding.

Freight Forwarders facilitate the movement of goods around the world. This program provides a comprehensive understanding of the industry through two courses: International Transportation and Trade, and Essentials of Freight Forwarding. This program is designed to meet the education needs of two main groups: individuals new to the international transportation, trade, logistics and supply chain industries who need to acquire the skills and knowledge to make them more employable and individuals who currently work in these industries and wish to upgrade their skills and knowledge for possible career advancement.

International Transportation and Trade

Introduces the student to truck, rail, air and ocean transportation and the geography over which goods move.

Essentials of Freight Forwarding

Students learn how buyers and sellers manage risk with a variety of international payment methods and cargo insurance, the knowledge of commercial documents and their completion, export packaging, cargo security, dangerous goods and alternative transport solutions. Students learn how to professionally cost and quote and offer alternative solutions to clients for the movement of goods.

Fifty (50) hours of classroom instruction, two certification exams, eBooks, online supplemental materials, all led by experts in the industry make up this learning experience. Student should be prepared to devote up to 173 hours to their preparation for the certifying exam.

Certification as an International Freight Forwarder through CIFFA (Canadian International Freight Forwarding Association is the first step toward a FIATA Diploma (International Federation of Freight Forwarders Associations). FIATA represents an industry of approximately 40,000 forwarding and logistics firms employing around 8 to 10 million people in 150 countries.

CSCMP – SUPPLY CHAIN MANAGEMENT PROGRAM

This program leads to certification by the Council of Supply Chain Management Professionals (CSCMP) in any or all eight (8) subjects. Each is a 40-hour course and requires study time outside the classroom for success on the exams. Courses below include the SCPro exam, student manual and online supporting study materials.

Supply Chain Management Principles

This course teaches what a supply chain is, its different functions, how a supply chain works and what kind of careers are associated with supply chain management. The principles learned provide the necessary foundation for fully comprehending the additional seven (7) certification tracks.

Supply Chain is recommended as a prerequisite to the other certification tracks. The Supply Chain Principles certification also stands alone as a high-level overview of supply chain management.

Successful completion and passing of the exam earn the student a SCPro Fundamentals certification. (40 hrs)

Inventory Management

This course is intended to train students in the basics of inventory management and control so that students can become effective contributors in the inventory related aspects of their roles in supply chain management. Successful completion and passing of the exam earn the student a SCPro Fundamentals certification in Inventory Management from the Council of Supply Chain Management Professionals. (40 hrs)

Fundamentals of Supply Chain Management Program


Total Hours: 180 hours
Program Cost: $4,000
Location: Elizabeth Campus
Program Schedule: Monday – Thursday, 8:30 am – 2:00 pm, October 2019 start.
These classes are for general contractors who are looking to advance their careers and become New Jersey State Inspectors for local municipalities. They are open to anyone with an interest in construction and mandatory for those desiring licensure in building, electrical, elevator, fire protection, plumbing; and administrative licensure in sub code official, construction official, and technical assistance. The courses focus on technical needs for contractors, estimators, architects, engineers, and government officials as they relate to the design, construction, and maintenance of building structures. Courses are approved for licensure by the New Jersey Department of Community Affairs (DCA) pursuant to NJAC 5:23-5.20 and must be taken in the proper sequence (RCS-ICS-HHS). Licensing application packets and related inquiries should be directed to the DCA Licensing Unit at 609-984-7834. It is recommended to review this packet before undertaking a course. Students who successfully complete a course and apply for licensing may be refunded up to 75% of tuition by submitting a license number or log number to the college they attend. (Information provided in class.)

Textbooks: The Uniform Construction Code Act and Technical and system requirements: Computer with speaker and microphone and Chrome browser; valid email address

Learning platform: Canvas

Building Inspector R.C.S. - Hybrid

This course covers the following: structural systems, structural designs and analysis techniques, fire protection systems, systems design and installation practices, mechanical systems, general requirements of electrical and plumbing sub-codes, and plan review and field inspection. (90 hrs)

In person sessions
AEIC 102 176 Cranford S, 10/5, 8:00 am-2:00 pm, $785
Online Sessions
M, W, 10/7-12/23, 6:30-10:30 pm

Electrical Inspector H.H.S.

This 45-hour course covers: system design, electrical service design and sizing, branch circuit and feeder design, appliance and motor circuits, plan review and field inspection, systematic plans analysis, material requirements, installation methods, basic inspection, report writing, violation notices, inspection and recordkeeping, Uniform Construction Code organization and content, and electrical sub-code. Prerequisite: Electrical Inspector I.C.S. (45 hrs)

AEIC 311 Sec 186 Cranford T, Th, 10/8-11/26, 6:00-9:00 pm, $525

Fire Inspector H.H.S. – Hybrid

This 60-hour hybrid program is designed to prepare the students to obtain the licensing in the Fire Protection discipline of the NJ UCC, after they have completed Fire Protection ICS program. Course work includes the building use groups, types of construction, height and area, fire protection systems and means of egress. Students will learn when the building codes require such systems and equipment in new renovated structures along with the standards for systems installations and acceptance testing, course textbook information is provided the first day of class. (60 hrs)

In person sessions
AEIC 191 Sec 196 Cranford S, 9/7, 8:00 am-2:00 pm, $650
Online Sessions
T, Th, 9/10-10/24, 6:30-10:30 pm

The community colleges listed below offer a regional schedule of classes for Uniform Construction Code training. For a complete list of the courses offered statewide, see the DCA website at: www.state.nj.us/dca/divisions/codes/forms/pdf/licensing/ucc_c_grid.pdf

<table>
<thead>
<tr>
<th>College</th>
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<th>Plumbing</th>
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<th>Administrative</th>
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<tr>
<td>Brookdale Community College</td>
<td>2/4/20</td>
<td>9/17/19</td>
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<td>Mercer County College</td>
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<td>Middlesex County College</td>
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<td>Union County College</td>
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<td>Hybrid 9/7/19</td>
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<td>Hybrid Summer 2020</td>
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For specific information, visit the respective college’s website. Participate in these courses through a combination of in-person and online sessions. See specific dates and times listed below. In-person sessions are held on the Cranford campus.

Regulations (Blue Book) is a required text if you are taking the administrative courses of the Uniform Construction Code Courses. Additional textbooks may be required depending upon the specific course. Call the Publications Office at 609-984-0040 or order online at www.state.nj.us/dca/divisions/codes/forms/pubs_subs_orderform.pdf

The community colleges listed below offer a regional schedule of classes for Uniform Construction Code training. For a complete list of the courses offered statewide, see the DCA website at: www.state.nj.us/dca/divisions/codes/forms/pdf/licensing/ucc_c_grid.pdf
Youth Programs

AGES 14-17

All classes take place on the Cranford campus.

Student Drop-off/Pick-up: Parents/guardians must go to the classroom to drop off and pick up children at the assigned classroom. Children must be picked up on time.

Python Programmers: Make Your Own Multiplayer Game!

YouTube, Google, Instagram and Spotify—what do they have in common? They were created with Python. Learn how to code with Python and create your first multi-player adventure game. Each lesson takes you step-by-step to start you on a programming path that will let you challenge friends with a fun game you built from start to finish. (12 hrs)

Ages 11-14
AEKE 011 Sec 160
S, 10/5-10/26 9am-12pm, $209

Algebra Review

This course addresses the material covered in a middle or high school Algebra course. Through interactive lessons and practice problems, students will strengthen their Algebra knowledge. Students will be pre-tested to determine their proper level and need. (12 hrs)

AGES 14+
AEKD 115 Sec 160
S, 10/5-11/23, 10:30am-12pm, $275

SAT Exam Preparation

Learn important test-taking strategies and prepare to take the upcoming SAT exam. Specific concepts covered include math, verbal and writing. Course price includes the SAT textbook. (12 hrs)

VERBAL/READING/WRITING

Ages 14+
AEKD 211 Sec 160
S, 10/5-11/23, 8:30-10:20am, $275

MATH

Ages 14+
AEKD 107 Sec 160
S, 10/5-11/23, 10:30am-12pm, $275

Better Thinker, Better Writer, Better Grades

This course will help you improve your critical thinking and strengthen your writing skills when reading literature and writing school essays. Learn strategies that will help you get better grades, while also improving your ability to understand, discuss and write about the literature you read throughout the school year. (12 hrs)

AGES 11-13
AEKE 022 Sec 160
S, 10/5-11/23, 10-11:30am, $275

Middle School Math Review

This course is designed to review each of the New Jersey Core Curriculum Content Math standards for middle school students. Students will review numerical operations, geometry and measurement, algebra, data analysis and mathematical processes. (12 hrs)

AGES 11-13
AEKE 117 Sec 160
S, 10/5-11/23, 8:30-10:20am, $275

908-709-7600 • WWW.UCC.EDU/CE • FOR REGISTRATION FORM SEE PAGE 32
Leisure and Personal Development

LIFELONG LEARNING ENRICHES YOUR LIFE

All-Level Oil/Acrylic Painting
Calling all Painters! Are you ready to “dust” off your brushes if time has gone by? Now you can be inspired and let the paint fly! In this class you will learn how to “see like an artist” using the basic elements of art. Refine your skills and fine-tune your technique while developing your own creative style. Have fun painting in a supportive and encouraging environment while working at your own pace. Come ready with ideas, or a “work in progress”, your painting materials, and a 16 x 20 pre-stretched canvas for the first day to start painting. Materials list can be picked up at the office of Continuing Education. (16 hrs)
AER 010 Sec 146, Cranford
Th, 9/26-11/14, 6:30-8:30 pm, $185

New! Strengthen and Lengthen Barre
This ballet-inspired low-impact workout will help improve posture, tighten and tone your glutes, thighs, arms, and flatten the tummy. Students will perform small range-of-motion exercises at high repetitions to strengthen targeted muscles and lengthen as we find stability and more flexibility throughout the class. No prior dance experience is required. All levels welcomed. (5 hrs)
AEEX 099 161 Cranford
S, 9/21-11/23, 1-1:30 pm, $69
(no class 10/19, 10/26)

New! The Sixties - The American Pop Rock Era
This two-part course explores the many artists who created innovative musical landscapes that captivated a generation and whose influence in popular culture endures five decades later. From the remarkable Brill Building songwriters to the artistic masterworks of Bob Dylan, from Phil Spector’s Wall of Sound to the California magic of Brian Wilson and The Beach Boys. Additionally, we will explore the folk rock of Simon & Garfunkel and The Byrds, to the psychedelic sounds of Jimi Hendrix to the pop/soul of Motown to the many incredible bands as well as the infamous rock festivals (Monterey and Woodstock) that the world has come to love. (15 hrs)
(no class 10/19, 10/26)

New! CIZE® Live Beachbody Best
Made famous by superstar celebrity trainer, Shaun-T, this hip-hop inspired dance fitness program will have you sweating and smiling the whole way through! Whether you want to learn the hottest new dance routine or simply move to the beat of the music, CIZE® LIVE will have you burnin’ up the dance floor — and burning off the calories. You’ll feel the beat and contagious energy, and you’ll sweat as you learn the hottest dance routines step-by-step! No prior dance experience is required. All levels welcomed. (8 hrs)
AEEX 098 Sec 161 Cranford
S, 9/21-11/23, 1-1:30 pm, $119
(no class 10/19, 10/26)

Yoga
This is a basic Hatha yoga class, suitable for anyone. The practice of yoga can positively affect the health of the body and calm the mind. This class emphasizes yoga as a total health system and can help manage symptoms related to stress such as tension headaches, soreness in the neck or back, or trouble sleeping. The relaxation techniques can be mastered in a short time and put into use whenever necessary. Wear loose clothing, and if desired, bring a mat and a yoga blanket. (6 hrs)
AELP 003 Sec 118 Cranford
Th, 9/23 – 11/25, 6:30 – 8:30 pm, $169

Fiction Writer’s Workshop
Love to write? Have great ideas? Strengthen your creative writing skills while learning how to develop interesting characters, plots, dialogue and conflicts. Learn also about e-publishing and finding an agent. Come prepared to write and share your work with fellow writers. (16 hrs)
AEEN 015 Sec 137 Cranford
W, 10/2-11/20, 7-9 pm, $189

College Novel: Literary Review
This course will provide an in-depth literary discussion of the 2019-2020 college novel, If Cats Disappeared from the World, by Genki Kawamura. The class will engage in discussion based on the themes of the text, including but not limited to, social and cultural mores, issues of ethics and faith, and universal questions about death and dying. Participants should have read the text prior to the class meeting and be prepared to share insights, interrogate the text through close reading and analysis, and participate in evocative discussion. (2 hours)
AEEN 019 Sec 147 Cranford
Th, 10/24, 7-9 pm, $29

New! Basics of Interior Design
This course teaches basic room design elements to a novice who is overwhelmed by his/her new home or to the homemaker who has been told that he/she has style and is now contemplating a career in design. It will discuss the finer points and details of upholstery wear ability and uses of different fabrics, goals of room traffic, and discuss several example “problem” rooms to show the process of good room designing. (32 hrs)
AEIN 064 Sec 187 Cranford
T, Th, 10/1-11/21, 7-9 pm, $189

Spanish
Level 1 classes will teach foreign language skills essential for communicating with co-workers, clients or even on a trip to another country. Instruction in elementary grammar and useful daily expressions will be presented as will culture and geography. (15 hrs)
Level 2 classes will teach more advanced dialogue and grammar. Class activities include interactive exercises, role-playing, and exposure to customs, holidays, and cuisine. Viewing a movie with subtitles may also be presented in class. (15 hrs)
Spanish 1
AELA A10 Sec 137 Cranford
W, 9/18-10/23, 7-9:30 pm, $159

Spanish 2
AELA B10 Sec 137 Cranford
W, 10/30-12/11, 7-9:30 pm, $159
(no class 11/27)
ART • 60+

Materials list for all art classes can be picked up at the Continuing Education Office at registration. Please bring all materials to the first class. Fees for materials are extra.

Portraiture
Six weeks of study in drawing the human head, focusing on shape proportions, establishing the features and showing character by studying master drawings and ourselves as models. (9 hrs)

AEAS 104 Sec 111 Cranford M, 9/30-10/4, 1-2:30 pm

Beginner Sculpture
Explore the basic techniques of hand-building with clay and other materials to create functional and sculptural works of art. Supply list can be picked up at the office of Continuing Education. Please bring all supplies to the first class. (9 hrs)

AEAS 012 Sec 112 Cranford M, 9/30-10/4, 2:45 – 4:15 pm,

Beginning Watercolor
Enjoy watercolors by using brushes to make lines and texture and mixing colors at the beautiful Reeves-Reed Arboretum, Summit. Draw lightly in pencil. Discover spontaneity by letting the water do the work, and allow your style to emerge. (9 hrs)

AEAS 010 Sec 022 Reeves-Reed Arboretum T, 10/1-11/5, 2:45-4:15 pm

Beginner Drawing
Learn how to "see like an artist" while exploring the basic elements of art including line, form, shading and composition. Develop your skill and learn different drawing techniques to create artwork with individual style. Supply list can be picked up at the office of Continuing Education. Please bring all supplies to the first class. (9 hrs)

AEAS 001 Sec 130 Cranford W, 9/25-10/30, 11 am-12:30 pm

Drawing II
Refine your skills, experiment with new techniques and develop your individual style to achieve more sophisticated drawings. We will expand on the fundamentals of drawing including proportional relationships, value contrasts, texture and composition to gain a greater understanding of this medium. A supply list is available at the Continuing Education Office. Please bring all supplies to the first class.

AEAS 003 Sec 130 Cranford W, 9/25-10/30, 12:45-2:15 pm

Mixed Media
Experiment with paint, textual materials, decorative papers and found objects to create beautiful and unique works of art. Supply list can be picked up at the office of Continuing Education. Please bring all supplies to the first class. Materials fee of $10. Payable to instructor at first class. (9 hr)

AEAS 058 Sec 140 Cranford Th, 9/26-10/31, 12:00-1:30 pm

Beginner Acrylic Painting
Learn the foundation of painting, explore various techniques, develop your own style, be bold and have fun in a supportive and encouraging environment. Come ready with ideas (original photo, 5”x7” or larger—landscape, still life or abstract) and your painting supplies to the first class. Supply list can be picked up at the office of Continuing Education. (12 hrs)

AEAS 156 Sec 141 Cranford Th, 9/26-10/31 1:45-3:45 pm

Introduction to Social Media (9 hrs)

AECS 005 Sec 160 Cranford S, 10/12-11/16, 10-11:30 am

Microsoft Windows 10 (6 hrs)

AECS A22 Sec 110 Cranford M, 10/14-10/21, 9-11 am

MS Word 2016 Beginner (6 hrs)

AECS A23 Sec 170 Cranford M, W, 11/4-11/6, 9-11 am

MS Excel 2016 Beginner (6 hrs)

AECS A47 Sec 180 Cranford T, Th 11/12-11/14 9-11 am

DANCE

Please Note: In order to avoid damage to the Fitness Center Dance Studio flooring, participants are required to wear sneakers when using the Fitness Center and Dance Studio.

Flamenco Dance (12 hrs)

AEES 533 Sec 021 Rahway T, 10/8-11/12, 1-3 pm

FITNESS • 60+

Yoga
Wear loose clothing, and bring a mat or blanket. (6 hrs)

Part 1: AEES 080 Sec 130 Cranford W, 9/25-10/30, 9-10 am

Part 2: AEES 080 Sec 13A Cranford W, 11/6-12/18, 9-10 am (no class 11/27)

SPECIAL INTEREST

College Novel: A Literary Review
This course will provide an in-depth literary discussion of the 2019-2020 college novel, If Cats Disappeared from the World, by Genki Kawamura. The class will engage in discussion based on the themes of the text, including but not limited to, social and cultural mores, issues of ethics and faith, and universal questions about death and dying. Participants should have read the text prior to the class meeting and be prepared to share insights, interrogate the text through close reading and analysis, and participate in evocative discussion. (2 hours)

AEVS 051 Sec 142 Cranford Th, 11/21, 2-4 pm

Knit and Crochet for Beginners and Beyond
(9 hrs)

AEVS 020 Sec 120 Cranford T, 10/29-12/3, 10:30 am-12 pm

Conversational Spanish 1
(15 hrs)

AELS 010 Sec 160 Cranford S, 9/21-10/26, 10-12:30 pm

Conversational Spanish 2
(15 hrs)

AELS B10 Sec 160 Cranford S, 11/2-12/14, 10-12:30 pm
(no class 11/30)

Beatles “From Liverpool to Abbey Road”
(10 hrs)

AEVS 061 Sec 112 Cranford M, 9/23-10/21, 2-4 pm
General Information

CLASSES FILL QUICKLY, SO REGISTER EARLY FOR UPCOMING COURSES!

Registration
Registration is easy, but register early to avoid disappointment!! Courses fill quickly and some have limited enrollment. COURSES WITHOUT SUFFICIENT ENROLLMENT ARE CANCELLED 48 HOURS PRIOR TO THE COURSE START DATE. Registrations are accepted until a course begins, if space is available. Please be sure you provide a daytime phone number at which you can be reached in the event of a class cancellation.

Online
For all students, this is the fastest and most convenient way to register. Visit: www.ucc.edu/ce.

Walk-In
Visit our Cranford Campus
MacDonald Hall, 1st Floor
1033 Springfield Ave, Cranford
Monday and Tuesday
8:30 am–6 pm; Wednesday and Thursday 8:30 am–5 pm; Friday 8:30 am–4:30 pm.

Fax-In
(24 hours a day) (908) 709-7070. Complete the registration form in this booklet and fax to us. Please call our office at (908) 709-7600 after faxing your registration form to confirm receipt and to make payment.

Mail-In
Use the registration form located in this booklet or online. A separate form is required for each person registering. Photocopies are acceptable. Mail completed form with your check (payable to Union County College) or money order to:

Continuing Education
Union County College
1033 Springfield Avenue
Cranford, NJ 07016

Phone In
Call (908) 709-7600 in Cranford. Phones tend to be busy, especially the first few weeks of each semester. Be sure you know what course(s) you wish to register for before calling so we can provide the best assistance.

Tuition and Fees
All tuition and fee information is listed with the course description. Please be sure you read the description and fee information carefully, as they will explain any material fees or prerequisites associated with the class. Continuing Education does not accept Financial Aid. Payment can be made by check, money order, American Express®, Visa®, MasterCard®, Discover®, or cash.

Class Cancellation
The College reserves the right to cancel a course if minimum enrollments are not met. You will be notified 48 hours prior to class cancellation by phone or email and given the option of a full refund or enrolling in another Continuing Education course.

Withdrawals and Refunds
To withdraw from a course or seminar, you must notify the Continuing Education Office in writing or in person immediately. You will be notified to fill out a withdrawal form. Refunds (minus a $10 processing fee per course) will be made as follows:
- With written notification received five days prior to the first class session—100%
- Refunds are not issued for online courses.
- Schedule changes must be requested in writing.

Veterans Refund Policy
In the event that veterans or their eligible persons sponsored as students under Chapters 30, 32, 35 of Title 38 and Chapter 1606 of Title 10 U.S. Code, fail to enter the Program or withdraw or are discontinued from at any time prior to completion, the amount charged for tuition, fees and other charges shall not exceed the approximate pro rata portion of the total charges for tuition, fees and other charges that the length of the non-accredited program bears to its total length. A registration fee of $10 need not be refundable; any amount beyond that is subject to pro ration and refund [CFR 21.4254 (c) (13)]. The pro rata portion may not vary more than 10 percent of the total costs for tuition, fees, and other charges.

Parking
Tuition does not include parking. You will need to purchase a Parking hang tag that permits you to park in designated lots on campus. Handicapped parking is available. Parking tags in Cranford cost $10 per semester regardless of the number of times the course will meet. After a registration receipt has been issued, it MUST be presented with valid vehicle registration at the Public Safety Office in Cranford (room SD-108). Tags may be obtained weekdays from 8:30 am to 6:30 pm. Tags are NOT mailed. You will be ticketed if you do not have a tag visible in your vehicle. If you are taking classes in Elizabeth, parking tags can be purchased for $65. Otherwise, ample public parking is available in the J. Christian Bollwage Parking Garage at Caldwell Place and Elizabethtown Plaza.

Inclement Weather/ Emergency Closing
In case Union County College cancels or delays operations due to weather or other emergencies, the Office of College Relations will inform the College community by posting information on the website at www.ucc.edu, on Facebook, and Twitter.

visit our website at www.ucc.edu/ce for the latest information

Non Discrimination
Union County College does not discriminate and prohibits discrimination, as required by state and/or federal law, in all programs and activities, including employment and access to its career and technical programs.

The following individuals have been designated to address inquiries regarding Section 504, the ADA, and Title IX, as indicated:

Complaints
Mr. Vincent Lotano,
Union County College
1033 Springfield Avenue,
Cranford, NJ 07106
908-709-7046

All complaints of discrimination, including those concerning Title IX, Section 504, and the ADA should be directed to Mr. Vincent Lotano.

Name Changes or Change of Address
Students should contact the office in writing as soon as possible regarding any changes of address or phone number. For NAME CHANGES, students MUST visit the Registrars’ Office.
Continuing Education
- Accounting
- Child Care (mornings and evenings)
- Microsoft Word
- Microsoft Excel
- Microsoft Powerpoint
- Microsoft Access
- Project Management
- Computerized Medical Billing
- EKG
- Anatomy and Physiology Parts 1 and 2
- CPT-4 Coding
- ICD-10-CM and ICD-10-PCS Coding
- GED Test Preparation in English and Spanish
- Pharmacy Technician—English and Spanish
- Real Estate
- Youth Programs

Industry-Business Institute
- MS Office Suite, English/Spanish
- Change Management
- Customer Service Management
- Supervisory Training
- Team Building
- Operations Management
- Problem Solving
- ESL
- Business Communications
- Technical Writing
- TLD Logistics (experienced in logistics, warehousing, and supply chain management)
- Job Search and Workplace Readiness
- SAP Technologies
- Spanish for the Workplace

Center for Economic and Workforce Development
- ESL Daytime – 8:30 am – 2:00 pm
- ESL Evenings – 5:30 – 9:30 pm

REGISTER ONLINE!
It’s Fast! It’s Easy!
It’s Convenient
www.ucc.edu/ce

Apply online at https://ucc.peopleadmin.com/
Please print clearly and complete all sections

STUDENT INFORMATION

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<tr>
<th>Last Name</th>
<th>First Name</th>
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<th>Street Address (including apartment number)</th>
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<th>City/Town</th>
<th>State</th>
<th>Zip</th>
<th>Telephone</th>
<th>Home</th>
<th>Work</th>
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<tr>
<th>E-mail Address</th>
<th>Signature of Authorization</th>
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<td>I hereby certify that the information on this form is accurate and true.</td>
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<tr>
<th>Student ID Number</th>
<th>Gender: ☐ Male ☐ Female</th>
<th>Date of Birth (MM/DD/YYYY)</th>
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CAMPUS PARKING

☐ I decline campus parking
☐ I wish to have a permit for parking in Cranford
   (Complete the information below and add $10 parking fee)
☐ I wish to have a permit for parking in Elizabeth
   (Complete the information below and add $65 parking fee)

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<thead>
<tr>
<th>License Plate Number</th>
<th>State</th>
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Year, Make and Model of Car

You must pick up your parking permit at the Public Safety Office, at which time you will be required to show a current vehicle registration.

COURSE SELECTIONS AND FEES

Please enter your course selections

<table>
<thead>
<tr>
<th>Course Code-Number</th>
<th>Section Number</th>
<th>Course Title</th>
<th>Start Date (MM/DD/YY)</th>
<th>Course Fee</th>
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<th>OFFICE USE ONLY</th>
<th>Pay Code</th>
<th>Amount</th>
<th>Parking Fee (if applicable)</th>
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Make checks payable to Union County College and mail to:
Continuing Education, Union County College, 1033 Springfield Avenue, Cranford NJ 07016-1599
Phone (908) 709-7600 • Fax (908) 709-7070 • Email coned@ucc.edu

NOTICES

Students are responsible for being aware of and following the Code of Conduct found in the Union County College Student Handbook, available at www.ucc.edu/go/handbook.

Participants using the College Fitness Center are required to be in good physical condition without an impairment or ailment that would prevent them from engaging in active or passive exercise that would be harmful to their health, safety, comfort or physical condition. All participants should have their physician’s approval to use the Fitness Center. Participants using the College Fitness Center facilities, services, programs or equipment do so at their own risk.

Union County College does not discriminate and prohibits discrimination, as required by state and/or federal law, in all programs and activities, including employment and access to its career and technical programs.
Cisco Certified Networking Associate (CCNA) Program

Upgrade your job and demonstrate important key network competencies to employers through the CCNA program at Union County College.

- This program prepares you to find a job as a network administrator, engineer, or installer.
- Learn to design, build and maintain local, national, and global networks.
- Four separate modules provide a complete range of basic through advanced networking concepts.
- Complete all four modules and you will be prepared to sit for the CCNA (Cisco Certified Networking Associate) Routing and Switching exam.

Cisco Academy

Are you looking to get ahead or to find a new job in the fast-growing IT industry as a network administrator, WAN Administrator, engineer, or installer? The Cisco Academy Program at Union County College will prepare you to take the new CCNA 5.0 Certification which is recognized worldwide in the IT networking industry. This coursework will teach you how to design, build and maintain local, national, and global networks. The CCNA curriculum includes four separate modules and provides a complete range of basic through advanced networking concepts. If you complete all four modules, you will be prepared to sit for the CCNA (Cisco Certified Networking Associate) Routing and Switching exam.

Through the CCNA curriculum:
- Develop a working knowledge of routing, switching, network applications, protocols, and services.
- Study with an instructor in the classroom, access expert content online including built-in quizzes and tests.
- Practice what you learn using Cisco Packet Tracer, a network configuration simulation tool.
- Prepare for the workplace with collaborative projects and presentations.

Who should enroll in the Cisco Academy Programs?

Students interested in starting or advancing their career in Information Technology. The curriculum recommends that you have basic knowledge of computers and networking, and at least an eighth grade reading, writing, and math proficiency level as well as the desire to learn. If you do not have basic computer skills it is suggested that you enroll in A+ Essentials class prior to taking the Cisco CCNA program. By completing the Cisco program you can increase your ability to secure employment in the IT field.

Required Courses

Four courses (280 hrs total)

- AECO A74--CCNA 1, Introduction to Networks, 70 hrs, $949
- AECO B74--CCNA 2, Routing and Switching Essentials, 70 hrs, $949
- AECO C74--CCNA 3, Scaling Networks, 70 hrs, $949
- AECO D74--CCNA 4, Connecting Networks, 70 hrs, $949
This program is the only tool you need to gain a solid understanding of the facility management profession and develop the knowledge and practical skills demanded by employers. This 60-hour professional development program is presented as four courses in a convenient, structured format.

THE IFMA FMP CREDENTIAL PROGRAM teaches the knowledge and skills demanded by today’s facility management employers, as defined by the IFMA global job task analysis.

Course 1: Operations and Maintenance
Course 2: Project Management
Course 3: Finance and Business
Course 4: Leadership and Strategy

Learn from experienced instructors in a structured learning environment with opportunities to build your peer network and increase your professional standing.

The IFMA FMP Credential Program materials include online FMP final assessments.