CITY TECH Continuing Studies Center
Winter / Spring 2021

Learn Online at citytechce.org

Continuing Education and Workforce Development
Getting New Yorkers Back to Work

Spring 2021 Online Courses at the Continuing Studies Center

CAREER SKILLS

TEACHING PROFESSIONALS
Teaching Assistant /Child Care Certificate Program
NYSATAS Prep Class
Child Abuse Identification and Reporting
Dignity For All Students Act (DASA)
School Violence Prevention and Intervention

DRIVER INSTRUCTOR
Driver Instructor Ed Basic Course: Behind The Wheel
Basic 30-Hour Course: Five-Hour Pre-Licensing Instructor Course

SECURITY
8-Hour Pre-Assignment Training Course For Security Guards

REAL ESTATE SEMINARS: 2020 MARKET
Free Workshop Perils and Positives of Purchasing Real Estate
Serious Changes In Real Estate Law Affecting New York City Property
Buying Foreclosed Properties During the Current Economy
Get Ready for the Real Estate Market Now: 2021
Getting Great Real Estate Deals in Difficult Times
What Brokers Know That Sellers Don't

ARCHITECTURAL DESIGN
AutoCAD
Intro to Revit
Revit MEP

BUSINESS
NYS Notary Public Exam Preparation
Supply Chain Management Fundamentals
Basic Math Refresher
City Tech Small Business Development Center

MARKETING
Marketing Boot Camp
Intro to Sports Marketing & Management

TECHNOLOGY

INFORMATION TECHN0LOGY
Computer Repair CompTIA A+ Certification Prep
Network Technology CompTIA Net+ Certification Prep
Security+ CompTIA Security+ Certification Prep
Intro to Data Literacy
Data Analytics and Visualization Bootcamp

WEB DEVELOPMENT AND CODING
Intro to HTML and CSS
Full-Stack Web Development
Intro to Python
Intro to Database Programming
User Experience Design
Content Strategy and Monetization for Online Media

PERSONAL ENRICHMENT
Introduction to Genealogy Research
Clinical Work With Fathers: Engagement, Myths, & Healing
Awareness and Prevention of Family and Community Violence
Free Workshop What's Next? Planning for Life After Retirement:
What You Should ThinkAbout When You are
Thinking About Retiring

CITY TECH ED 2 GO Browse our course offerings
Study 24/7 Your Schedule. Your Future: **CitytechEd2Go.com**

Note: We are working remotely while the campus is closed.
Please email your questions*: mneiman@citytech.cuny.edu*

BUILDING TRADES

ONLINE CONSTRUCTION MANAGEMENT
Intro to Blueprint Reading
Advanced Construction Blueprint Reading
Building Materials and Methods
Cost Estimating For Construction
Construction Contracts 101
DOB, Permits, & Filings
Construction Project Management
New Master Certificate in Construction Project Management

COVID / ENVIRONMENTAL PROTECTION
Four- Hour Covid-19 Disinfection Worker Certification Course

FIRE SAFETY
Fire Life Safety Director Basic Three- Component Module
Building Operation, Maintenance & Recordkeeping (BOMR)
Sprinkler and Standpipe
Certificate of Fitness-A49 Supervision of Aerosols
Supervision of Battery Systems and Other Related Systems B 29
Citywide Fireguard for Impairment
Fire and Emergency Drill Conductor
Fire Safety On Site Preparatory Class

SKILLS TRAINING FOR BUILDING SUPERS, 3-PART PROGRAM

ELECTRICAL AND PLUMBING
Basic Electrical Maintenance
Basic Plumbing Repairs in Housing

REFRIGERATION & HVAC
Online Basic Electricity For HVAC/R Technicians
Online Refrigeration Mechanics Theory and Applications
Refrigeration System Operating Engineer I and II
Basic Electricity for HVAC/R Technicians
Fundamentals of HVAC Electrical Controls
EPA Refrigerant Recovery Preparation and Exam

HOUSE & HOME
Basic Tools
Basic Plumbing Repairs
Everyday Electricity You Can Do Yourself
Plaster and Sheetrock Repair
Installing Ceramic Tile
HYBRID Air Source Heat Pump Installer Program with BPI AC Heat Pump Professional Exam Prep / Includes EPA Refrigerant Exam

SOLAR PV TRAINING
Online NABCEP Solar Photovoltaic Associate™ Certificate Prep
Online NABCEP Advanced PV Installation Professional Prep

ONLINE HEALTHCARE CAREERS
Pharmacy Technician Program
Hemodialysis Training
Physical Therapy Aide Program
Medical Billing and Coding
Dental Assistant Program

CITY TECH CUNY
DIVISION OF CONTINUING EDUCATION

Continuing Studies Center
Adult Education Programs
Business & Industry Workforce Training Center
Academy For Occupational Health and Construction Safety

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During this challenging period, the Division of Continuing Education is committed to creating pathways to higher education, job training, and professional development programs. By bringing online training to our diverse population of learners, we help meet the economic and workforce development needs of the evolving New York City workplace as we promote and encourage lifelong learning.

- Dean Carol Sonnenblick

THINGS TO KNOW
We only accept registrations and payments online at this time. Sign up and register at citytechce.org.

All courses require payment of the full tuition, plus a $20 nonrefundable registration fee before you are admitted to class. Some programs are eligible for the Installment Plan and are specified in this bulletin.

VOUCHERS
The Continuing Studies Center accepts duly authorized vouchers from public agencies, union, and private organizations. Several programs are approved for Veterans' Benefits.

REGISTRATION AND WITHDRAWAL
Before registering, please *read and agree* to our registration policies on page 27 and online.

WHAT TO EXPECT IN AN ONLINE COURSE
Online learning is not so different from a physical classroom. A computer, tablet or smart phone with a good wifi connection is required to participate in an online class. Courses will be conducted using ZOOM video conferencing and other platforms. Instructions for entering your virtual classroom will be sent to you by email.

REGISTER ONLINE: citytechce.org
We accept Master Card, Visa, or Discover cards. At this time we are unable to accept checks or money orders for individual registrations.

GROUP RESERVATIONS AND TRAININGS

To register a group of students, or to request a group training for your organization, please contact Michael Neiman mneiman@citytech.cuny.edu

What to expect in an online class
Our Spring 2021 classes are online and instructor-led. Stay safe and get the skills you need.

During the COVID-19 pandemic, we want to guarantee the safety of our students and instructors.
We have been able to successfully convert our courses to online Zoom, Canvas, and other formats so that you can continue to learn at the high quality level that you have come to expect from Continuing Studies Center programs. Our instructors use online resources to bring you engaging, interactive classes with demonstrations of hands on practices.

In order to access our classes, you will need to have internet access, your own free zoom account, and a space at home that will allow you to participate with few distractions. Each course will have its own specifics, so please reach out if you have questions. Please contact mneiman@citytech.cuny.edu.

Once you register and confirm placement in a class, we will reach out to you again within the week prior to the course to provide you with the course log-in, supplementary texts in a pdf format, and other basics you will need for a successful first day of the class. We are here to help you stay safe and continue on your career path.

Best Wishes,

Michael Neiman
Interim Director
City Tech Continuing Studies Center

Registration: www.citytechce.org

An internet-enabled computer, pad, or smart phone and microphone are required for all classes

ONLINE TEACHING ASSISTANT CHILD CARE CERTIFICATE PROGRAM

TAP 100
Tues, 6 pm - 9 pm, & Sat, 10 am - 2 pm, 2/6 – 5/22
100 hours, $852 Register

The Teaching Assistant Program is a course for adults in transition to new careers working with children. Students are prepared for employment in both day care centers and school settings. The program includes 100 hours of online instruction. Instruction includes six hours of test review for the New York State Assessment of Teaching Skills Test (NYSATAS). During the course of the program, the student will complete workshops and receive certificates in Child Abuse ID, School Violence Prevention & Intervention, and DASA (Bullying) provided requirements are met.

Prerequisite: High school Diploma or a GED. For other requirements, see the coordinator. Upon successful completion, we will offer a separate internship course with instructor guidance for an additional fee, when internships are again permitted.

NYSATAS PREP CLASSES

TAP 091
Wed, Thurs 5 - 8 pm, 3/3 & 3/4 Register
6 hours, $65

The Assessment of Teaching Assistant Skills (ATAS) is now part of the New York State Teacher Certification Examinations (NYSTCE).
The purpose of this test is to help ensure that certified teaching assistants or paraprofessionals have the knowledge and skills that are important for the job of a teaching assistant in New York State's public schools. The ATAS is a 100 question computer-based test lasting 3 hours at designated sites by appointment only. When you register, you must abide by all testing rules and policies. If you need an alternative testing arrangement, check the NYS Teacher Certification Exam Website.

This is a preparatory course for individuals interested in taking the NYSATAS exam. The course will review the core areas of NYSATAS (reading, writing, math and instructional support) and provide an in-depth analysis of the one hundred multiple-choice questions that have been presented in previous exams. Supplementary handouts will be provided. Students are expected to attend both classes to improve their performance of the test.

CHILD ABUSE IDENTIFICATION AND REPORTING SEMINAR

HSX 090
Sec A: Wed, 5 - 7 :30 pm, 1/13
Sec B: Wed, 5 - 7:30 pm, 2/10
Sec C: Wed, 5 - 7:30 pm, 3/10
2.5 hours, $55 **Register**

This seminar fulfills the NY State requirement for chiropractors, physicians, dental hygienists, dentists, optometrists, podiatrists, registered nurses, psychologists, school administrators, social workers and supervisors, school district administrators, teachers and pupil personnel service professionals who are applying for or renewing a license, registration, certificate or limited permit. This course is approved by the NY State Education Department.

DIGNITY FOR ALL STUDENTS ACT (DASA) BULLYING, CYBERBULLYING AND DISCRIMINATION IN SCHOOL

DASA 100
Sec A: Wed, Thurs, 5- 8 pm, 2/24 , 2/25
Sec B: Wed, Thurs, 5 - 8 pm, 3/24 , 3/25
6 Hours, $80 **Register**

The Dignity For All Students Act (DASA) workshop provides training on social patterns of harassment, bullying, cyber-bullying, and discrimination. This is required for all school professionals completing state-registered programs leading to certification.

SCHOOL VIOLENCE PREVENTION & INTERVENTION

HSX 091
Sec A: Thurs, 5 - 7:30 pm, 1/14
Sec B: Thurs, 5 - 7:30 pm, 2/11
Sec C: Thurs, 5 - 7:30 pm, 3/11
2.5 hours, $55 **Register**

New York State Law states that a person applying on or after February 1, 2001, initially, or for the renewal of a license, registration, certificate, or limited permit must provide documentation that he/she has completed the required training in School Violence Prevention and Intervention. This seminar has been approved by the New York State Education Department. Participants will receive the required Certificate of Completion.

Further Information

If you have additional questions about School Professional Certifications please email: Michael Neiman mneiman@citytech.cuny.edu.

Registration: www.citytechce.org

Driving instruction allows for a flexible day, evening or weekend schedule

DRIVER INSTRUCTOR ED: BASIC 30-HOUR COURSE IN HIGHWAY SAFETY – BEHIND THE WHEEL

DEX 101
Tues, Thurs, 6 - 9 pm, 3/2 - 4/1
30 hours, $330 Register

Designed for both present and prospective behind-the-wheel instructors. Lectures and demonstrations include behind-the-wheel driving procedures, traffic and highway safety, sign regulations, and crash prevention. Special emphasis will be placed on defensive driving. Photo ID required.

DRIVER INSTRUCTOR ED: BASIC 30-HOUR COURSE IN TEACHING TECHNIQUES & METHODOLOGY

DEX 201
Tues, Thurs, 6 - 9 pm, 4/6 - 5/6
30 hours, $330 Register

This lecture & demonstration course is designed to effectively provide the information necessary for safe driving. The course includes classroom teaching techniques, preparation of lesson plans, use of visual aids and public speaking. Students will develop sample lessons as a form of practice teaching. Lectures also include discussion of psychophysical testing equipment and techniques for defensive driving. This course meets the DMV's requirements for 30 hours in teaching techniques for instructors of the mandatory 5-hour course.

Free Community Workshop 2021
THE PERILS AND POSITIVES OF PURCHASING REAL ESTATE DURING THE PANDEMIC

REX 014, Thurs, 6 -8 pm, 2/4
2 hrs, Free **Register**
Please post your questions and confirm registration to Michael Neiman, **mneiman@citytech.cuny.edu**.

This free community workshop is exactly what the title states: The perils and positives of purchasing real estate during an unsettling time. With so many changes in New York City due to the COVID-19 virus, people are moving and real estate opportunities are growing. However, there are many pitfalls that you may not be aware of, for instance when coop or condo owners don't pay homeowner dues.

The class covers some of the important factors you need to consider before buying a home in this very tricky market. This informational session is a preview of what will be covered in REX 013: *Get Ready for the New Real Estate Market: in 2021*.

8 HOUR PRE-ASSIGNMENT TRAINING COURSE FOR SECURITY GUARDS

SOX 090
Sat, 10 am - 2 pm, 2/6 - 2/27 **Register**
8 hours, $50

This is an 8-hour course required by New York State as the first step in obtaining a security guard registration card from the New York State Department of State. The course provides the student with a general overview of the duties and responsibilities of a security guard. Topics covered in this course include the role of the security guard, legal powers and limitations, emergency situations, communications and public relations, access control, and ethics and conduct. The passing of an examination is required for successful completion of this course.

Registration: www.citytechce.org

An internet-enabled computer, pad, or smart phone and microphone are required for all classes

INTERACTIVE CLASS

SERIOUS CHANGES IN REAL ESTATE LAW AFFECTING NEW YORK CITY PROPERTY TODAY

REX 009
Thurs, 6 - 9 pm, 3/11
3 hours, $75 **Register**

The course covers two main areas where changes in real estate laws have been made:

- Laws that affect you as an existing tenant or an apartment seerker.

- Real Estate Broker job requirements changes due to the 2020 Guidelines

These guidelines, signed by Governor Andrew Cuomo in late October of 2019, eliminate the ability for long-term license holders to be exempt from 22.5 hours of continuing education. If the brokers don't comply, their licenses won't be renewed.

Topics will Include
- Ethical business practices
- Recent legal matters to fair housing & discrimination
- Law of agency impacting brokers and tenants

BUYING FORECLOSED PROPERTIES DURING THE CURRENT ECONOMY

REX 012
Thurs, 6 - 9 pm, 3/18
3 hours, $ 75, **Register**

This eye-opening seminar will tell you the advantages and disadvantages of purchasing foreclosures. The seminar will prepare you to know who should buy foreclosures, when and if to consider them, different kinds of properties that are called foreclosures (not all are foreclosures), what to expect if you do buy them, as well as ideas on how to turn their purchase to your best advantage. Also included will be tips on how to best cope if your home is being foreclosed.

GET READY FOR THE NEW REAL ESTATE MARKET NOW: 2021

REX 013
Thurs, 6- 9 pm, 2/11 - 3/4
12 hrs, $160 Register

This four--part session covers the rapid changes and opportunities that are developing due to the slowing economy and low cost real estate potential. If real estate is new for you but you cannot resist the cheapest market in your lifetime, attend this course and come out knowing how to become a property owner.

GETTING GREAT REAL ESTATE DEALS IN DIFFICULT TIMES

REX 033
Thurs, 6:00 - 8:30 pm, 3/25
2.5 hours, $70 Register

There are some excellent deals in real estate. Consumer advocate Rick Nathan will teach you how to get great deals, the pros, and cons of foreclosures, short sales, renting with an option to buy, owner financing, and buying with no money down. He will show you how to buy investment property, primary homes, multi-family homes, and vacation homes. as well as how to sell your home with or without a realtor.

INTERACTIVE CLASS

WHAT SELLERS, BUYERS AND BROKERS NEED TO KNOW

REX 015
Thurs, 6 - 9 pm, 4/1
3 hours, $75, Register

For buyers, sellers, and renters this rapidly changing market can be harsh. How can we negotiate in the real estate world today? This course discusses strategic decisions when selling/renting in a buyers' market.

Roz Friedman, expert in the field, explains what buyers need to think about what renters need to consider, and what to do if you want to buy and can't afford it?

For information about Real Eestate courses contact Michael Neiman, **mneiman@citytech.cuny.edu.**

Reminder: Stay Safe.
Wear a Mask. Learn Online.

Registration: www.citytechce.org

AutoCAD / Revit / Revit MEP

Spring 2021 classes are 100 percent online in an instructor-led, interactive video classroom

INTRO TO AUTOCAD

ACAD 200
Fri, 5:30 - 9:00 pm, 2/24 - 5/19
42 hours, $675 **Register**
Prerequisite: Basic computer literacy is required.
Knowledge of blueprints or drafting is a plus.
Includes an AutoCAD Educational License

In this online course, participants learn the fundamentals of AutoCAD 2019 to prepare 2D drawings for architecture, interior design, mechanical & structural engineering, and other design fields. Topics include the AutoCAD drawing interface; display commands; CAD tools and drawing set-up, including scale coordinate systems, snaps and grips, basic draw and edit commands, layers, text, blocks, modify commands, plotting, and printing basics.

INTRO TO REVIT

BIM 101
Fri, 6 - 9 p.m, 4/20 - 6/21
24 hours, $550 **Register**
Includes a Revit Educational License

Use Revit® software to produce consistent, coordinated, and complete model-based building designs and documentation. Automatically update floor plans, elevations, sections, and 3D views. Use 3D visualizations to see a building before it's built. Through hands-on exercises, explore advanced 3D building information modeling concepts and learn essential commands for improving workflow and productivity.

ONLINE REVIT MEP FOR ENGINEERS

BIM 105
Thurs, 6 - 9 pm,   3/25 - 5/27
30 hours, $695 **Register**
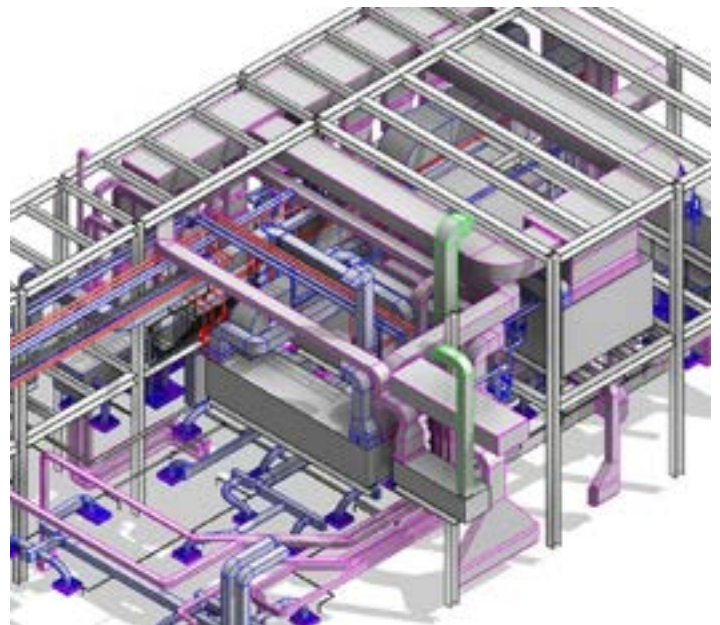Prerequisite: Knowledge of AutoCad
Includes a 3 year Revit MEP Educational License

Engineers use Revit MEP Building Information Modeling (BIM) software to design, analyze, and document complex building systems. Building Information Modeling (BIM) helps MEP firms improve accuracy, reduce and resolve clashes, and optimize building systems design. In this project-driven class learners will work in teams, using MEP BIM software to improve collaboration, share data, and speed project delivery from design to construction.

This high level course is designed for tradespeople and engineers and who work on plumbing, electrical and mechanical systems.

What You'll Learn

Design, model, and document building systems in the context of a full building information model, including architectural and structural components.

**Reminder: Stay Safe.
Wear a Mask. Learn Online.**

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Registration: www.citytechce.org

Core business skills can help you land the job you want or turn a great idea into a great business. Stop dreaming. Start Doing.

BOOKKEEPING WITH QUICK BOOKS
BSX 510
Weds, 6- 9 pm, 4/6 - 5/25
24 hours, $525 Register
Software Required: Simple Start Quickbooks plan ($12/mo)
For cloud version of software, Internet Explorer 11 (32-bit)

Manage your invoicing, business payments, bills, and payroll with QuickBooks a software package built for small and medium-sized businesses. The course begins with bookkeeping theory: daily recording and management of a company's financial transactions. Students will then apply this knowledge to in-class Quickbooks projects.

BASIC MATH REFRESHER
BMM 100
Mon, & Wed, 6:00 - 8:30 pm, 2/17 - 3/29
25 hours, $250 Register

This course is designed as a basic refresher of pre-algebra and algebra for individuals in any field. It prepares students to enter or re-enter careers including health care, technology, and business. For information please email Dania Anderson.
danderson@citytech.cuny.edu

NYS NOTARY PUBLIC EXAM PREPARATION
BSX 090
Wed, 5 - 7:30 pm, Watch for Spring Dates
2.5 hours, $65 Register

A three-hour seminar in notary public law and legal terminology designed to prepare candidates for the New York State Notary Public Examination includes information and qualifications necessary for a license.

SUPPLY CHAIN MANAGEMENT FUNDAMENTALS
BSX 211
Tues, 6:00 - 9 pm, Tues, Thurs, 4/4 - 5/27
36 hours, $775 Register
Textbook (Purchased by students, additional expense)

This course provides a broad overview of the field of Supply Chain Management, an essential tool for businesses in today's connected, global economy. It provides definitions and concepts for planning and controlling a flow of goods, services, and information between suppliers, staff and customers. The curriculum leads students through the relationship between sales, customer demand, and long-range production management.

New York City College of Technology
Small Business Development Center

The Small Business Development Center at City Tech CUNY is staffed by professionals who, via one-on-one counseling or workshops, offer a variety of free useful services to new and existing businesses. Our center exists to ensure that your business is prepared for start up, growth or expansion.

Professional Services Include:

One-on-one counseling

Comprehensive Business Plan assessment and development

Loan packaging

SBA 7(a) and 504 Loans

Financial Statement Analysis

Practical Cash Flow and Profit and Loss projections

Entrepreneurial workshops

Contact the Center: 718-797-0187
brooklyn.nyssbdc.org SBDC@Citytech.cuny.edu

Registration: www.citytechce.org

Marketing

Spring 2021 classes are 100 percent online in an instructor-led, interactive video classroom

BASIC MARKETING BOOT-CAMP

BSX 302
Mon, Thurs, 6 - 8:30 pm, 2/8 - 2/25
15 hours, $116 Register

Develop and implement a marketing campaign to promote your business or brand. Topics will include organic searches and paid advertising, coordination of content, and use of social media. Attract your ideal audience and build your business.

INTRODUCTION TO SPORTS MARKETING AND MANAGEMENT

BSX 300
Mon and Thurs, 6 - 8:30 pm, Dates, TBA
25 hours, $260, Register

This course provides an intensive evaluation of Sports Marketing tactics and strategies to include an in-depth discussion/understanding of how new technology affects marketing the sports industry. Students will study sports marketing, promotion, media, licensing and advertising, as well as Internet and corporate sponsorship in professional sports and the NCAA.

Topics Include

- Appraise the significance of sports and leisure in today's society
- Examine the size and scope of sports and leisure industries and their many segments.
- Gain an understanding of how players influence the management of sports.
- Demonstrate how knowledge of basic management skills is critical to the success of a sports organization.

CONTENT STRATEGY AND MONETIZATION FOR ONLINE MEDIA

BSX 341
Mon, Wed, 6-9 pm, 3/18 - 5/6
36 hours, $785 Register

This advanced online course explores the art and science of making relevant and useful content that can be monetized online. With a mix of theory and practice, students will learn concepts and techniques to reach, connect, and ultimately inspire the targeted audience to take actions that boost business.

Monica Gutierrez, the instructor, has created, deployed, and supervised a variety of content strategies in the US and the Americas, developing robust content operations serving millions of users, online newsrooms, live events, and global campaigns for both brands and good causes.

WHAT TO EXPECT in an Online Class

We are glad that you have decided to take a class in the Spring 2021 semester. New to online classes? Here is what to expect.

Once you register you will receive an email confirming your placement in the class.

In order to access our classes, you will need to have internet access, your own free Zoom account, which you can set up and register at zoom.us. and a space at home that will allow you to participate with few distractions.

We will reach out to you again in the week prior to the course to provide you with your **Zoom link and password,** along with any instructional course documents required for the first day of the class.

On the first day of class, please log in a few minutes early to enable your video and audio settings. Then, get ready to meet your instructor and classmates in your zoom classroom.

Questions? Please contact us.
Michael Neiman, mneiman@citytech.cuny.edu

Registration: www.citytechce.org

CompTIA + Get the Information Technology skills you want and employers need.

CompTIA A+ EXAM PREP *Computer Repair*
CRS 101
Tues, Thurs 6 pm- 9:30 pm, 2/2 – 4/27
72 hours, $1100 **Register**
A two-part payment plan is available.
Prerequisites: Basic computer skills, fluency in English.

Required text book: CompTIA A+ Certification All-in-One Exam Guide, Ninth Edition (Exams 220-901 & 220-902)

A+ Certification is your first step in an IT career. Work at a help desk, as a field service technician, or in computer repair. This essential class lays the groundwork for net-working and security jobs. Students will prepare for the CompTIA A+ Certification Exams 220-901 and 220-902. The course will be conducted using a remote desktop installed on students' computers.

What You Will Learn in CompTIA A+

- How to troubleshoot and manage a computer system
- How to identify computer components
- How to work with computer numbering systems
- How to configure and troubleshoot Windows

CompTIA NET+EXAM PREP *Networking*
CRS 102
Sec A: FA 20, Tues, & Thurs, 6 - 9:30 pm, 1/12 – 3/18
Sec B: SP 21, Tues, & Thurs, 6 - 9:30 pm, 5/11 –7/15
72 Hours, $1100 **Register**
A two-part payment plan is available.
Prerequisites: CRS 101 A+, or verified experience.
Required text books: (additional cost)

- CompTIA Network+ All-In-One Exam Guide, Sixth Edition (Exam N10-006)
- CompTIA Network+ N10-007 Exam Cram (6th Edition)

CompTIA Network+ networking certification validates the essential knowledge and skills needed to design, configure, manage, and troubleshoot wired and wireless networks. Lectures and hands-on labs will focus on network theory, communication, media, and hardware. Students will learn to understand TCP/IP, LAN infrastructure, WAN, security, remote networking as well as disaster recovery, Network OS, management and troubleshooting. By the end of this class, participants will be able to setup and configure a functional network. The course will be conducted using a remote desktop installed on students' computers..

What You Will Learn in CompTIA Net+

- Local Area Network Infrastructure
- WAN Infrastructure
- Network Security
- Remote Networking
- Disaster Recovery
- Network Media and Hardware

CompTIA SECURITY + EXAM PREP *Cybersecurity*
CRS 103
Mon-Wed, 6 - 9:30 pm, 3/15 - 5/26, No class, 4/5
(72 hours, $1,110 **Register**
A two-part payment plan is available.
Prerequisite: Net+ or knowledge of TCP/IP Networking

The course focuses on the six domains required by the Security+ Exam and includes setting up and securing a client server net-work, using IPSec, certificates, cryptography, and group policies. Live, interactive hands-on training will take place via a learning platform on the student's remote desktop. Learn best practice for network administrators and others who intend to take the Security+ Exam, and those who will go on to take CEH or CISSP certifications.

What You Will Learn CompTIA Security+

- Hardening Internal and Internet Systems and Services
- Securing Network Communications and Web Applications
- Managing Public Key Infrastructure (PKI)
- Managing Certificates
- Encryption and Decryption Strategies
- Packet Analysis
- Enforcing Organizational Security Policies

Registration: www.citytechce.org

INTRO TO DATA LITERACY
DPX 340
Tues, Thurs 6 - 8:30 pm, 2/9 - 4/29
64 hours, $680 **Register**

This course is designed to provide students with a basic to mature ability to collect, enter, and perform calculations with data in MS-EXCEL spreadsheets, and to utilize basic statistical techniques to analyze and present the data in words, graphs and charts. These skills will be useful in securing entry level IT positions in industry.

Key topics will be:

- Survey of IT careers

- Basic Math Review: fractions, decimals, percentages, ratio and proportion, basic Algebra

- Introduction to Word for Developers

- Introduction to Excel spreadsheet fundamentals including formulas and reports; Using Excel built-in functions to calculate data parameters and data patterns from numbers

- Visualizing data graphically in line charts, bar charts, scatter plots and pie charts

- Decision making from data: confidence intervals, hypothesis testing, strategy for finding patterns; and related skills.

DATA ANALYTICS AND VISUALIZATION
DPX 403
Mon, Weds, 6 - 9 pm, Watch for Spring 21 Dates
online, instructor-led
Sat, 3 hours, online, asynchronous (self-paced)
76 hours, $1800 Register
All course materials will be available in Canvas Instructure
Required Textbook: *Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython, ISBN-10: 1491957662*

This two-part course builds on the Intro to Data Literacy course and provides a deep dive into data analytics process. Through a projects-based approach, students will learn to unpack data and create visualizations that reveal a pattern. The course focuses on the collection, cleaning and analysis of data using Excel, SQL, and Tableau. By the end of the course, participants will be able to process raw data, anticipate the market and make informed decisions

Part One: Data Analytics

In the first 36 hours of this course students will explore the history of data science, use probability, linear algebra, and Calculus in combination with Python. Key topics will include data basics, SQL and datasets, big data management and cloud computing.

Part Two: Visualization

The second half of this class will focus on using data to create visualizations that reveal underlying patterns and stories. Students will select an area of study and create independent projects. In class learning will include:

- Creating data visualizations with Tableau
- Telling data-driven stories
- Effective visualizations that reveal the story
- Harvesting information from stacks of data
- Compelling presentations and reports

Registration: www.citytechce.org

In an increasingly online world, technology and design skills are career essentials

INTRO TO PROGRAMMING: HTML/JS
CRS 107
Tues & Thurs, 6 - 9 pm, 1/12-2/4
12 hours, $375 Register

In this introductory course, students will learn programming basics with HTML/Javascript and how to make front end web applications.

What You Will Learn

- Using HTML to make web pages
- Programming concepts: Variables, Datatypes, Methods, Conditionals, Loops, Functions
- Using Javascript to add interactivity to web pages

FULL STACK WEB DEVELOPMENT
16-WEEK INTENSIVE
CRS 200
Mon, Weds, 6 - 9 pm, 4/5 - 5/31
96 hours, $2500 Register
A two-part payment plan is available.

Full Stack Web Development is a 16-week, 96-hour class focusing on Front End programming languages, including HTML, CSS, Javascript, and jQuery along with BackEnd development concepts, practical knowledge in database design, server scripting languages (PHP) and data objects (XML and jSON). Students with little or no technical background will attain a level of proficiency and problem-solving ability that allows them to find junior-level front-end, back-end or Full Stack DEV (development) jobs and continue to grow their coding skills.

COURSE TOPICS
- Introduction to Programming Languages
- Python Basics
- Variables and Operations
- Control Structures
- Repetition Structures
- Strings
- Functions and Modules
- Lists
- Dictionaries
- File Input and Output

INTRO TO PYTHON
CRS 209
Fri, 6 - 8 pm, 4/9 -5/14
24 Hours, $ 625 **Register**

This course introduces the basic concepts and techniques of computer programming, using Python, the easy to use, powerful, and versatile programming language that is an excellent choice for beginners and experts alike. Students will design, code, and debug programs using Python, a general purpose, cross-platform language with a clear, readable syntax that makes it an ideal introduction to the logic of programing. No prior knowledge of programming is necessary. Explore Course Topics.

DATABASE PROGRAMMING
CRS 210
5/21 - 6/18
12 hours, $425 **Register**

Databases are integral tools for a wide range of businesses. Industries that rely on data include medical practices and hospitals, financial services, scientific research, supply chain economics, and many other fields where information is key. The ability to extract and analyze data from online users is essential in today's remote economy. This class covers creating a new SQL database, creating a structured table with keys, adding information to columns, executing the database and querying the database to create reports.

Registration: www.citytechce.org

Web Development and Programming

Spring 2021 classes are 100 percent online in an instructor-led, interactive video classroom

User Experience Design guides a customer's online experience, creating a frictionless path to information and content and building loyalty to the brand.

ONLINE UX DESIGN
CRS 207
Tues, Thurs, 4/1 - 5/20
48 hours, $1250 Register

In this 12-week course, students explore all the stages of the UI/UX design process, from design thinking to ideating, sketching and more. With an equal focus on theoretical frameworks and practical applications, students will create a use Sketch and Adobe XD to create a final project of their choosing and receive feedback along the way.

LEARN TO
- Articulate and defend design decisions
- Understand how UX designers work with the product development team
- Learn what hiring managers look for in UX candidates
- Produce UX documentation, including personas, information architecture, user flows and annotated wireframes
- Tell a story that connects users to product

COURSE TOPICS
- User Research & Personas
- Flexible Session
- Personas Presentation
- Sketching Workshop
- Business Analysis & Product Management
- Usability & User Testing
- Content Strategy
- Information Architecture
- User Flows
- Navigation
- Wireframing
- Prototyping
- Forms
- Search & Results

CONTENT STRATEGY AND MONETIZATION FOR ONLINE MEDIA
BSX 341
Mon, Wed, 6-9 pm, 3/18 - 5/6
36 hours, $785, Register

This advanced online course explores the art and science of making relevant and useful content that can be monetized online. With a mix of theory and practice, students will learn concepts and techniques to reach, connect, and ultimately inspire the targeted audience to take actions that boost business. Monica Gutierrez, the instructor, has created, deployed, and supervised a variety of content strategies in the US and the Americas, developing robust content operations serving millions of users, online newsrooms, live events, and global campaigns for both brands and good causes.

COURSE TOPICS:

Know the Business
- Vision, competitive landscape, positioning

Master the Craft:
- Audience insights and analytics
- Types of content and distribution media.
- What makes content valuable
- Content marketing
- Content Strategy, Step by Step

Discover:
- Research, internal audit, competitive audit, channels
- Strategy: Topics, taxonomy, program, process, voice
- Program and Process: Campaign model, CMS
- Audit and Weeding: migration, analytics
- Monetization models and tools.

Registration: www.citytechce.org

An interesting family project during the long winter months.

INTRODUCTION TO GENEALOGY RESEARCH
PER 076
Friday, 6 - 9 pm, 2/5 - 2/12
6 hours, $75 Register

Find your ancestors in online databases, and learn where to look for them in brick-and-mortar NYC archives: births, deaths, marriages, ship manifests, military, tax and voting records. Come with a name, any documents you already have, and your questions. The specific needs of attendees will guide presentation of the material—your questions will be answered. This course will provide the primary tools and introduction to how to begin to search your own family's genealogy, with a special emphasis on topics relevant to descendants of people from Africa, Caribbean Islands, Italy, Greece, and other countries of origin.

This is a general course, however if you want to research a particular migration group, please let us know and our genealogist will incorporate your request. This is a fully online course. You will need internet access and a free registered zoom account.

City Tech and KIngsborough Collaborate

To Register Please Call: 718-368-5691
Or email: ceuprogram.kcc@kbcc.cuny.edu

CLINICAL WORK WITH FATHERS: ENGAGEMENT, MYTHS, & HEALING
$80 - 4 CEU'S
Sun, 9:30 am to 2 pm, 1/24
Interactive workshop supporting those who work with fathers to use research and interventions to encourage greater interactions and promote positive change in families.

ADDRESSING THE NEED FOR AWARENESS AND PREVENTION OF FAMILY AND COMMUNITY VIOLENCE
$140 - 7 CEU'S
Sun, 9 am - 5 pm, 2/21
Social workers, mental health counselors, human service workers and all professionals working with individuals, children and families need to know how to identify and address domestic violence.

Free Workshop
WHAT'S NEXT?
PLANNING FOR LIFE AFTER RETIREMENT: WHAT YOU SHOULD THINK ABOUT WHEN YOU ARE THINKING ABOUT RETIRING

NOTE: THIS IS LIFE COACHING, NOT FINANCIAL PLANNING
ESC 100
Tues, 2/16, 7-9 pm
2 hours, Free Register

Whether through circumstance or choice, the COVID pandemic has caused many people to evaluate what they want to do next in their life.   O'Hara Solutions Group is proud to offer a free online webinar introducing the Horizon Life Design framework. The methodology helps individuals design a life to thrive in, at any age or stage of life.

Participants in this webinar will be introduced to a creative problem-solving approach and how to align personal values with actions. Attendees will learn the importance to reframe current challenges and how to gain the input of others to design amazing possibilities and see them come to life. This flexible framework allows participants to weave these approaches into what they are already doing every day.

Reminder: Stay Safe.
Wear a Mask. Learn Online.

Blueprint Reading / Construction Project Management
Spring 2021 classes are 100 percent online in an instructor-led, interactive video classroom

INTRO TO BLUEPRINT READING
ECX 041
Sec A: Tues, 6 - 9 pm, 1/12- 2/2
Sec B: Tues, 6 - 9 pm, 2/9- 3/2
12 hours, $435   **Register**

Required Textbook (Students must Purchase)
Print Reading For Construction,
7th Edition by: Walter C. Brown, Daniel P. Dorfmueller,
Goodheart-Willcox, ISBN: 9781631269226, 1631269224

The ability to read blueprints is an essential skill for designers, contractors, real estate brokers, and building owners. In this lecture and virtual hands-on class, you will learn the vocabulary and language of blueprints.

ADVANCED CONSTRUCTION BLUEPRINT READING
ECX 043
Sec A: Wed, 6 - 9 pm, 3/10-3/31
12 hours, $435   **Register**

Required Textbook: (Students must Purchase)
Print Reading For Construction,
7th Edition by: Walter C. Brown, Daniel P. Dorfmueller,
Goodheart-Willcox, ISBN: 9781631269226, 1631269224

This advanced print reading course covers the structural, electrical, mechanical, and plumbing drawings found in a set of construction documents.

BUILDING MATERIALS AND METHODS
ECX 044
Mon, 6 - 9 pm, 3/22 - 4/12
12 hours, $435 **Register**

This course builds an awareness of the various building materials and construction technologies in use today. It covers a wide range of interior and exterior construction products and the best practices for their installation on residential and commercial jobs.

COST ESTIMATING FOR CONSTRUCTION
ECX 045
Mon, 6 - 9 pm, 4/7-4/28
12 Hours, $435 **Register**
Includes Education license for PlanSwift Software

Preparing an estimate and bidding a job is essential for contractors, designers, and others in the building trades. In this course you will learn to estimate the cost of general conditions, prepare a quantity take off for the materials to be used in the job, and extend unit prices to prepare an accurate cost estimate.

CONSTRUCTION PROJECT MANAGEMENT
ECX 046
Mon and Thurs, 6-9pm, 5/3 - 7/10
30 hours, $775 **Register**

This course familiarizes participants with the plans, submitals, RFIs, contracts, and schedules used to manage a construction project. Students will work in teams, managing simulated jobs in which architects, contractors, and owners communicate and share documents, following the progression of a typical job.

CONSTRUCTION CONTRACTS 101
ECX 301
Sec A: Tues, 6- 9 pm, 3/9
Sec B: Tues, 6- 9 pm, 5/11
3 hours, $95 **Register**

A contract is a clear, comprehensive, measurable document that spells out what the owner and contractor should each expect. This 3-hour workshop covers the types of contracts that are used for large and small architecture and construction companies.

DOB, PERMITS & FILINGS
ECX 302
Sec A: Wed, 6 pm - 9 pm, 5/4
Sec B: Tues, 6 pm - 9 pm, 7/6
 3 hours, $95 **Register**

This intensive 3- hour class teaches you how to navigate the NYC DOB permitting process. It covers a range of required filing tasks relevant to a construction job.

New! EARN A MASTER CERTIFICATE
In Construction Project Management

Validate your experience at City Tech CUNY in convenient, instructor- led evening classes

Take any three of these:
- ECX 041 Introduction to Blueprint Reading
- ECX 043 Advanced Construction Blueprint Reading
- ECX 044 Building Materials and Methods
- ECX 045 Cost Estimating for Construction

Take one of these:
- ECX 046 Construction Project Management
- ACAD 200 Intro to AutoCAD
- BIM 101 Intro to Revit

Verify completion to receive Master Cerificate
dsalomon@citytech.cuny.edu

Registration: www.citytechce.org

ACADEMY FOR OCCUPATIONAL HEALTH AND CONSTRUCTION SAFETY

The city is a little safer with the establishment of our Academy for Occupational Health and Construction Safety facility at City Tech. Since 2006, we have enabled construction workers and other professionals to obtain the trainings they need to work on job sites.

Hands-on training is paused during Covid, however several classes are available in a live, instructor led format. Safety-compliance training is mandated by the Occupational Safety & Health Administration (OSHA), the New York City Department of Buildings or various other authorities before working with certain equipment and/or moving into such job titles as construction super or site safety manager.
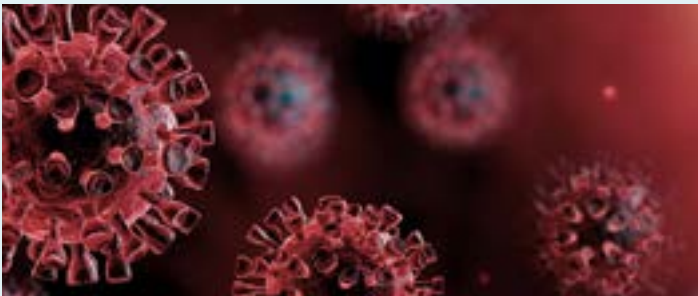
Have Questions? Interested in group training?
Visit our website or email Anthony Ruvio, aruvio@citytech.cuny.edu

FOUR- HOUR COVID-19 DISINFECTION WORKER
CERTIFICATION DURING EPIDEMIC/PANDEMICS COURSE
ESC 101
Sec A: Fri, 9 am - 2 pm, 1/8
Sec B: Tue, 5:30 - 9:30 pm, 2/2
4 hours, $205, Register

This online course teaches students how to deep-clean and disinfect entire facilities with the goal of COVID-19 prevention. This course covers basics of hazard communication, personal protective equipment, and industrial cleaning; however, this training is supplemental and it is recommended that attendees have some additional experience in a remediation field.

Designed for distance-learning, this course is presented as an interactive webinar. Students will receive live training from experienced instructors. Upon successful completion, students will earn a course completion certificate. This course is conducted in full compliance of the most relevant and up to date industry best work practices recognized by the U.S Centers for Disease Control the United States Environmental Protection Agency and the U.S Occupational Safety and Health Administration. All course content was created, reviewed, and audited by CTI On-line's affiliated Certified Industrial Hygienists (CIHs)

Topics to be Covered:
- Introduction to COVID-19
- Disease Prevention Precautions
- Deep-Cleaning Techniques
- Bacterial and Viral Cleaning
- Hazard Communications
- Personal Protective Equipment

Who Should Take This Course?
- Custodial Staff
- Janitorial Staff
- Sanitization Workers
- Remediation
- Painters
- Cleaners

Prepare Your Staff to Keep Your Facility Safe.
If you wish to schedule a large group training contact:

Fire Safety

Continuing Studies Center is an FDNY Certified School for the Fire Life Safety (FLS) Director course.

We offer a full range of Fire Safety classes to prepare you for the certifications you need.

For information about Fire Safety courses
mneiman@citytech.cuny.edu

FIRE LIFE SAFETY DIRECTOR
BASIC THREE COMPONENT MODULES
FSX 104
FA 20: Wed, Thurs, 6 - 9 pm, 1/6 - 2/4
SP 21: Wed, Thurs, 6 - 9 pm, 2/11 - 3/18
31 Hours, $375 **Register**

MODULES

1. Fire Emergency - FSD General Topics, 20 hours

2. Non-Fire Emergencies EAP 7 hours

3. Non-Fire Emergencies Active Shooter/ Medical Emergencies Preparedness 4 hours

The FLSD Graduation Diploma is the first step to achieving a FLS Director Certificate of Fitness, T89 or F89. The diploma is valid for 9 months for the purpose of taking the follow-up FDNY computer based 'Fire Component' "On-Site" exam must be scheduled with the FDNY.

An FLSD Graduation Diploma will be awarded to those who qualify after successfully completing the three lecture components listed above and taking a final examination for each with a passing score of 70% or better.

Some experience in safety and fire prevention, building maintenance, and/or facilities management would be helpful. Questions about your current professional status should be directed to the FDNY. For information about Fire Safety courses contact Michael Neiman, mneiman@citytech.cuny.edu.

**Reminder: Stay Safe.
Wear a Mask. Learn Online.**

BUILDING OPERATION, MAINTENANCE AND RECORDKEEPING (BOMR)
FSX 012
Sat, 10 am - 1:30 pm, 2/27 – 3/6
7 hours, $100 **Register**

This Building Operations, Maintenance and Recordkeeping (BOMR) continuing education course is required of all Refrigerating Systems Operating Engineers (RSOE) who hold the Certificate of Qualification and must complete an application for renewal. Enrollees must bring current certificate card with ID number to class. This is not a beginners' course.

SPRINKLER AND STANDPIPE PREPARATORY CLASS FOR FDNY CERTIFICATE OF FITNESS
FSX 010
Sat, 10 am - 12 pm, 3/13 - 3/20
4 hours, $80 **Register**

This Sprinkler & Standpipe Prep course is designed to help students understand the FDNY requirements for the inspection, testing, and maintenance of Sprinkler and Standpipe systems. This prep course will help students pass the FDNY F-01, S-12, S-13, S-14, & S-15 Certificate of Fitness computer-based tests.

CERTIFICATE OF FITNESS A-49 SUPERVISION OF AEROSOLS
FSX 003
Sat, 10 am -12:45 pm, 1/30
3 hours, $55 **Register**

The Covid-19 pandemic presents challenges for New Yorkers. With the rise in use of flammable aerosols and spray can disinfectants, NYC College of Technology's Continuing Studies Center wants to make the public aware and alert about fire safety and non-fire safety best practices. This class prepares candidates for the FDNY Cerificicate of fitness A-49 Supervision of Aerosols.

Registration: www.citytechce.org

SUPERVISION OF BATTERY SYSTEMS AND OTHER RELATED SYSTEMS B29
FSX 009
Sat, 9 am - 1 pm, 3/06
4 hours, $80 Register

Individuals responsible for operating or supervising battery systems must hold a Certificate of Fitness. Battery Systems, specifically uninterruptible power supply (UPS) systems, provide power to ensure the ongoing operation of critical systems such as those used in hospitals, banks, hotels, etc. This prep course will help students pass the FDNY B-29 Certificate of Fitness computer-based test.

CITYWIDE FIRE GUARD FOR IMPAIRMENT
FSX 005
Sat, 10 am - 2 pm, 2/6
4 hours, $80 Register

This fireguard prep course is designed to help students understand the FDNY requirements for impairments of the fire protection system, planned and unplanned shutdowns of the sprinkler/standpipe/fire alarm systems.

This prep course will help students pass the FDNY F-01, F-03, F-04, F-60, and S-60 Certificate of fitness computer-based tests.

FIRE AND EMERGENCY DRILL CONDUCTOR
FSX 004
Sat, 10 am - 2 pm, 2/13
4 hours, $80 Register

The main purpose of a fire drill is to allow occupants to practice emergency evacuation procedures. The Fire and Emergency Drill Conductor must make sure that fire drills are conducted in a safe and orderly manner.

This Preparatory Course will help students pass the FDNY F-07 & W-07 Certificate of Fitness computer-based tests.

FIRE SAFETY DIRECTOR ONSITE PREPARATORY
FSX 008
Sat, 10 am - 2 pm, 2/20
4 hours, $60 Register

This 4-hour preparation course will cover information beyond the regular onsite issues covered in FSD courses. The Complete FDNY Onsite Study Guide will be reviewed with special emphasis on mandatory and important items that, if not stated during the test, result in automatic failures for candidates and the possible revocation of any existing FSD certification for a different building.

Our Fire Safety instructors are professionals who understand FDNY requirements. If your industry needs a specialized FDNY training or group of trainings, please reach out to Michael Neiman, who will design the program you need. mneiman@citytech.cuny.edu

Registration: www.citytechce.org

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Skills Training for Building Supers
Spring 2021 classes are 100 percent online in an instructor-led, interactive video classroom

Do you work as a residential building super? Browse our plumbing, electrical HVAC and Oil Burner classes and advance your skills.

Don't hold the ladder- climb it!

SKILLS TRAINING FOR BUILDING SUPERS, PART A: CERTIFICATE OF COMPETENCY
HHT400
Sec A: Tues & Thurs, 6 pm - 9-pm, 2/9 -3/4
Sec B: Tues & Thurs, 6 pm - 9-pm, 5/25 - 6/17
24 hours, $425 **Register**
Materials: **Please purchase these materials (see list)**

This short demonstration program prepares individuals to work as residential building supers and maintenance workers. Units include plumbing, electrical, tiling, plaster and drywall, and essential communication skills for working with tenants and outside contractors. You will work on your home as a practice lab- examining sinks and sockets, learning to repair drywall and set tile. Learn to communicate with building residents and outside contractors. Students will receive a certificate of completion as evidence of having met the educational requirements to work as a competent building super.

SKILLS TRAINING FOR SUPERS, PART B: BUILDING MECHANICALS
HHT 401
Tues, & Thurs, 6 - 9 pm, 3/9 - 4/8
30 hours, $475 **Register**

Building Supers must understand, operate, and manage all of a building's mechanical systems. This in-depth course explains how each system works and how to maintain it for peak efficiency. Systems covered include: heating, cooling, ventilation, pumps, and elevators. This lecture class is designed to assist building supers who wish to move to the next level of expertise.

SKILLS TRAINING FOR SUPERS, PART C: MANAGEMENT AND SUPERVISION
HHT 402
Tues, Thurs, 6 - 9 pm, 4/20 - 5/20
30 hours, $475 **Register**

This advanced session of the Skills Training for Building Supers' Program is for those who wish to transition to a supervisory role. Topics include payroll, building protocols, staff evaluations, Maslov Theory, objectives ,and leadership styles with a focus on the x and y strategy, as outlined by Douglas McGregor. Achieve a work team that performs at its best.

New York Times, February 25, 2011, The Super Comes out of the Basement

Registration: www.citytechce.org

Electrical, Plumbing, and HVAC skills are always in demand. Start or continue your path to a secure career with live-online training.

MAINTENANCE & OPERATION OF #2 FUEL OIL GUN TYPE BURNERS AND BOILERS
ECX 106
Mon & Thurs, 6 - 9 pm, 1/28 - 3/8 (No Class 2/15)
30 hours, $50, Register

This online course focuses on the operation and maintenance of Number 2 gun-type burners and boilers. It includes methods for saving fuel and optimizing controls, fuel and air ratio adjustments, ignition combustion chimneys, draft, and draft controls, flame safety, and limit and operating controls. During Covid, while the college is closed, the course is designed as an online training.

FUNDAMENTALS OF ELECTRICITY I
ECX 090
Sat, 9 am - 12 pm, Watch for Spring Dates
30 hours, $500
Prerequisite: Students should have an inexpensive multi-meter for practice.

Introduction to the basic principles of direct current circuits. Topics include engineering notation, series, parallel and series/parallel circuits. Students will learn about current, voltage, resistance and DC theory through lectures, demonstrations and hands-on experience. Hands-on experiments include measurement techniques and troubleshooting using calculation and multimeter. Students must have at least fundamental math.

FUNDAMENTALS OF ELECTRICITY II
ECX 091
Sat, 9 am - 12 pm, Watch for Spring Dates
30 hours, $500
Prerequisite: EMX 090 or equivalent.
Students should have an inexpensive multi-meter for practice.

Topics include an introduction to alternating current and semiconductors, series and parallel in AC, AC theory, capacitors, inductors, transformers, diodes, and applications. At the end of the course students will know how to design and troubleshoot a working power supply that will convert from AC to DC.

BASIC ELECTRICAL MAINTENANCE
ECX 163
Mon, Thurs, 6 - 9 pm, 1/25 - 3/18 (No Class 2/15)
50 hours, $855 Register
Prerequisite: High School diploma, GED or relevant experience.

Please Note: This course will be 100% online in an instructor led, video environment.

The course is designed for building superintendents and maintenance personnel in multi-unit housing structures. This course teaches students routine electrical repairs and how to communicate problems to management and electrical contractors. The course explains fuses and circuit breakers, lighting fixtures, receptacles and switches, basic appliance and motor maintenance. Also includes applicable codes, troubleshooting, ceiling wiring, new appliance circuits, and special receptacles. Electrical working plans, service panel installation, electric meters, 250-volt receptacles, and intercom systems are covered.

BASIC PLUMBING REPAIRS IN HOUSING
ECX 162
Sat, 10 am - 3 pm, 1/23 to 3/27
45 hours, $840, Register

The Spring 2021 semester will be online with 3-hour Saturday lectures via video conferencing; 2 hours asynchronous student home assignments that will be graded and required by the instructor; and 1 hour one-evening a week, student- led group study sessions. This course is for building superintendents and maintenance personnel in multi-unit housing structures. Participants are taught how to perform routine maintenance tasks commonly expected of in-house staff. The course demonstrates assessment, repair, and how to communicate repair requests to management and plumbing contractors. Demonstrations include installation, maintenance, and basic repair of plumbing fixtures, proper use and care of tools, an introduction to NYC plumbing code, installation planning, water supply & drainage, water treatment, and sump pumps.

Registration: www.citytechce.org

New to online learning? Our safe, convenient affordable Refrigeration and HVAC courses are an excellent way to join a lucrative field

Refrigeration

ONLINE REFRIGERATION MECHANICS THEORY
ECX 103
Sat, 8 am - 1 pm, 2/6 – 4/10
50 hours, $560 Register
Prerequisite: Some industry experience preferred but not required. High school level literacy. Basic computer skills for logging in to web-based classroom are required

This is the basic theory portion of our 150-hour Refrigeration Mechanics Theory and Applications course ECX 102. The first 50 hours will be didactic learning This introduction to Refrigeration system, components and application, direct system, split system, heat pump, and refrigeration electrical controls and wiring. Students who complete this course will pay the option B (100 hour) price for ECX 103.

REFRIGERATION MECHANICS THEORY AND APPLICATIONS
ECX 102
Sat, 8 am - 1 pm, Watch for Dates

Note: Due to Covid 19, the college and all labs are closed and courses are meeting online. Please email Michael Neiman, mneiman@citytech.cuny.edu, to join a wait list for this hands-on, lab-based class. We will inform you when you when the University announces resumption of in-person classes.

REFRIGERATING SYSTEM OPERATING ENGINEER I
ECX 121
Tues, Thurs 6 - 9 pm, 2/16 - 6/15
100 Hours, $1200 Register

This course is designed primarily to assist individuals in preparing for NYC's Refrigerating Machine Operator licensing examination. It provides lectures, demonstrations, and reviews in the fundamentals of refrigeration equipment.

The course includes a review of tube and pipe joining, gauges, refrigerant charging, system evacuation and dehydration and analysis of compression of refrigeration cycles. Online field trips will be included in an instructor-led video classroom.

REFRIGERATING SYSTEM OPERATING ENGINEER II
ECX122
Tue, 6 - 9 pm & Sat 10 am - 1 pm, Watch for Spring Dates
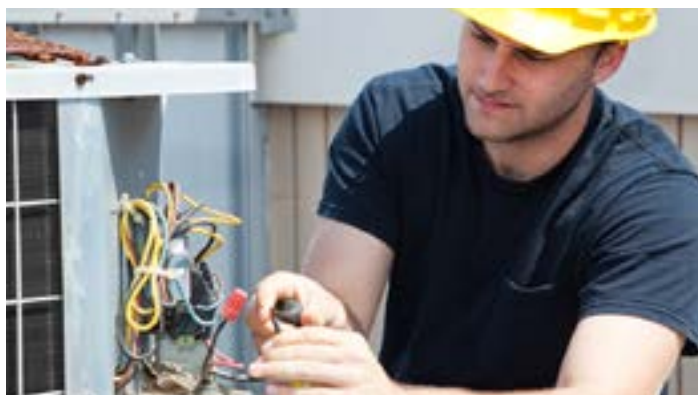100 hours, $1200 Watch for Spring 2020 Dates
Required Prerequisite: ECX 121
Note: in order to qualify for the 200-hour certificate, both ECX

121 & ECX 122 must be taken at NYC College of Technology.

This course is a continuation of Refrigerating System Operating Engineer I, a lecture/review in operating technique for commercial and industrial air conditioning. Includes review of troubleshooting, installation procedures, operating techniques for chillers, and appropriate New York City and ASHRAE codes.

HVAC Technician Training

Our hybrid HVAC training program prepares you for employment as an HVAC or Air Source Heat Pump technician

ONLINE BASIC ELECTRICITY FOR HVAC/R TECHNICIANS
ECX 223
Mon & Thurs, 6 pm - 8:30 pm; 1/25 - 3/18 (No Class 2/15)
45 hours, $755 Register

This online introductory-level course focuses on the principles of electricity as required by HVAC technicians including proper use of test equipment, A/C and D/C circuits, and component theory and operation. Electricity principles provide the foundation to understand and troubleshoot heating, air conditioning, and refrigeration equipment.

Tools Required

An auto-ranging digital volt-ohm multimeter is required for testing electrical circuits and components.

Registration: www.citytechce.org

Instructional Methodology

Electricity principles are taught in a series of online, theory-based lessons using Zoom video conferencing and Canvas Instructure applications. Basic computer and internet skills are needed to log onto the course platform.

Learning Outcomes

- Exhibit knowledge of basic principles of electricity, electrical current, circuitry, and A/C devices and apply Ohm's law to electrical calculations

- Perform electrical tests in both series and parallel circuits.

- Demonstrate proficiencies in using a digital volt-ohm multi-meter in measuring voltages, amperages and resistances.

Who Should Take This Course

- Service technicians,
- Building mechanics
- Building managers
- Operating engineers
- Entry level technicians.

FUNDAMENTALS OF HVAC ELECTRICAL CONTROLS

ECX 222
Sat, 9 am - 1 pm, Watch for Spring 2021 Dates
50 hours, $875
Prerequisite: Some HVAC experience or the permission of the instructor is required.

This course provides an introduction to electrical controls in both heating and air conditioning systems. It includes thermostats, relays, transformers, low water cutoff, primary controls, automatic feeders, wiring, and interpreting wire diagrams.

EPA REFRIGERANT RECOVERY PREPARATION & EXAM

ECX 080
Thurs, 6:00 pm - 9:00 pm, Watch for Spring 2021Dates
15 hours, $190. Test only, $70 Email Michael Neiman
to register. mneiman@citytech.cuny.edu

Test preparation and administration of approved Universal certification examination by an approved EPA refrigerant recovery test originator. Students must purchase a prep book. Students may repeat exams as needed for the cost of test only. Universal Examinations are given in English.

HEAT PUMP TECHNICIAN PROGRAM, BPI AC/HEAT PUMP PROFESSIONAL EXAM PREP

HHT 702
Thurs, 6 - 9 pm & Sat, 9 -5 pm, 4/8 - 5/27, Online, Instructor-Led
Sat, 9 am - 4 pm, 4/17 - 5/8, Mentored labs from job sites
EPA Refrigerant Prep and Exam, Sun, 5/28, 9 am - 5 pm
BPI AC / Heat Pump Exam Review, Online, self paced, 6 hours
Heat Pump Technician Written Exam, Thurs, 7-9 pm, 6/3
Heat Pump Technician Practical Exam, 3 hours, Sun, 6/7
68 hours, $925 Register
Includes: EPA Refrigerant Exam & BPI AC/Heat Pump Prep
Includes: City Tech Heat Pump Tech Certificate

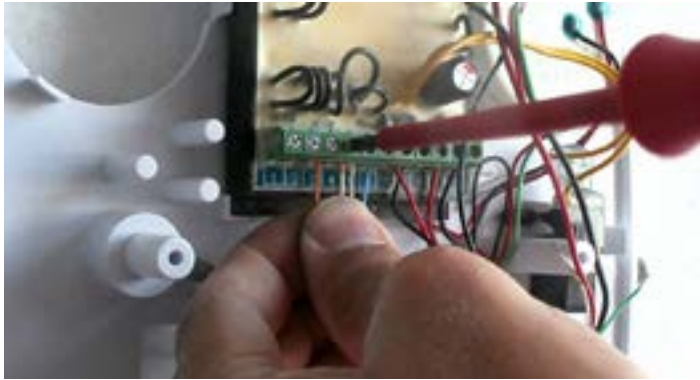Prerequisite: Plumbing, electrical, construction or HVAC experience.

Air Source Heat Pumps are a growing segment of the HVAC market as customers experience deep cuts in heating and cooling bills and an increase in comfort with single and split zone ASHP systems. This online classroom and mentored training provides the comprehensive and guided methodology you need to design, specify, install and maintain an ASHP job. Participants in the class will design a project using a their own or a client's building and will receive guidance at their job site in the zoom classroom.

Units Include

1. Basic Building Science
2. Manual J Load Calculation
3. Cold Climate ASHP in New York State
4. Building Measurement Tools (Basic and Dgital)
5. Electrical Requirements
6. Selecting Equipment
7. Designing the System: Manual and Software
8. Installation: Pipe Line Length,Turns and Pitch
9. Condensation and Drains
10. Refrigerant Pumping
11. Thermostatic Control Settings
12. Remote Management of Controls
13. Annual Maintenance Contract

Building Trades / Electronic Security / Welding
Spring 2021 classes are 100 percent online in an instructor-led, interactive video classroom

Online Trades Training

At City Tech, we've discovered that, for many courses, instrutor-led, online classrooms are an excellent way to learn

ONLINE ELECTRONIC SECURITY SYSTEMS INSTALLER
SOX 095
Mon & Wed, 6 pm - 9:30 pm, (Dates TBA)
70 Hours, $1130 Register

This course is designed to train those with no previous knowledge in the industry for entry-level employment in the field of security system installation. The course provides comprehensive teacher-led instruction in basic security installer topics skill sets and hands-on experience. After successful completion of the program, students will be prepared for employment in the security industry as a technician or field installer. Please note that employment as a field installer in the security industry the employer usually requires a background check through the NY State Department of Criminal Justice.

Prerequisites: High School Diploma or GED equivalent. Strong dexterity and eye/hand coordination is required. Normal color vision and the ability to work on a ladder. Good English skills are necessary for this training.

Additional expenses: Students can expect to spend an additional $120 on textbooks and personal hand tools.

Please note: This is not the NY State Pre-requisite "81-hour" course of the Fire & Burglar Alarm test and License. This program is endorsed by the Metropolitan Burglar & Fire alarm Association (MBFAA)

Watch for Welding Courses

Our welding labs are on closed during the pandemic. We look forward to resuming classes when the college re-opens for hands-on instruction.

- Basic Electric Arc Welding
- Advanced Electric Arc Welding
- Tungsten Inert Gas (Tig) Welding
- Welding Pro Course

Please Note: Admission to welding classes requires an interview. Please Contact Michael Neiman for course details and to add your name to the applicant list. He will be in touch with course dates and details when the college reopens in person classes. mneiman@citytech.cuny.edu

Are you a Veteran?
City Tech Continuing Studies Center provides a range of approved trainings.

The VA pays for approved courses through educational benefits such as Post 9/11, Montgomery, and other programs. Full and part-time benefits are available. 14 clock hours per week are needed for full time benefits. Please provide proof of status (DD 214)

For information about available courses contact **dsalomon@citytech.cuny.edu**

Registration: www.citytechce.org

Do it Yourself and Save Money on Costly Home Repairs

Online Hands-On Home Repair Workshops
Weds, 6-9 pm
HHT 078
$80 for each workshop **Register**
Materials: Your home is your workshop!
A list of required basic tools will be posted online.

We are all spending more time at home these days, and chances are you have noticed dripping faucets, leaking toilets, cracked plaster,, broken tiles, and crooked shelves that you never saw before. These virtual hands-on work-shops will teach you how to hold a handsaw, plaster a wall, stop a leaking toilet, install a lock, lay tile and become your own favorite handy-person.

Discover the satisfaction of learning how the systems in your house work so you can solve problems as they arise. Before you call in the contractor for simple repairs, learn how to do it yourself and become the most reliable handyperson in your neighborhood.

HOMEOWNER'S BASIC TOOL KIT
Sec A: Mon, 6- 9 pm, 4/7
Cut a board, level a shelf; install an anchor bolt in a hollow wall. We'll show you the must-have home repair tools and teach you to use them on your own projects.

HOMEOWNER'S GUIDE TO BASIC PLUMBING
Sec B: Wed, 6 - 9 pm, 4/14
How to fix a toilet, install a faucet, stop a drip, or unclog a drain. Save on costly repairs that you can do yourself.

EVERYDAY ELECTRICITY YOU CAN DO YOURSELF
Sec C: Wed, 6 - 9 pm, 4/21
Replace a fuse, change an outlet, install a fixture, test for power and splice a wire.

PLASTER AND SHEETROCK REPAIR
Sec D: Wed, 6- 9 pm, 4/28

Repair a crack, frame and tape, patch plaster, fill a deep hole or a nail hole.

INSTALLING CERAMIC TILE
Sec E: Wed, 6 - 9 pm, 5/5

Create a level base, select floor tile, lay out a pattern and install like a pro.

MOLDING THAT TAKES THE CROWN
Sec F
Wed, 6:00 - 9:00 pm, 5/12
3 hours, $80

Get out your miter box and add some crowning glory to your home. This class will have you cutting corners-even the most complex ones. Bring a pencil, a tape measure, and a miter box (simple or fancy) and an 8' length of crown molding.

Save Money. Do it Yourself.

**Reminder: Stay Safe.
Wear a Mask. Learn Online.**

Registration: www.citytechce.org

Renewables / NABCEP Solar PV / PVIP

Spring 2021 classes are 100 percent online in an instructor-led, interactive video classroom

ONLINE NABCEP PHOTOVOLTAIC ASSOCIATE™ ENTRY LEVEL TRAINING

PVI 200
72 hours, $1450, **Register**

18 NABCEP CEUs towards the PVIP exam

Sec A: Online Instructor- led, Mon-Thurs, 3/1 - 3/25, 6 - 9 pm
Online Self-Paced, 9 hours
Online Instructor-Led Labs 10 am - 5 pm, 3/6, 3/13, 3/20
Instructor led and video recorded online demonstrations

Course portal with all materials available for 3 months, extended due to Covid pandemic.

Online NABCEP PV Associate Exam fee included is in tuition

Upon approval, a two part payment plan is available

Required Textbook: Solar Photovotaic Basics, Second Edition, Sean White, ISBN-13: 978-1138102866

Suggested Textbook: Photovoltaic Systems, James Dunlop, SBN-13: 978-1935941057

The online NABCEP PV Associate Entry Level program is a comprehensive, 72- hour course designed for individuals with no prior experience in Solar PV experience who want to demonstrate a knowledge of math calculations, solar PV electrical theory, fundamental PV design principles, installation methods, commissioning and troubleshooting of PV systems. Practice exams, administered throughout the training, focus on the NABCEP Job Task Analyses and will prepare individuals for the PV Associate exam. For exam information visit **NABCEP.org.** Certificate of completion and 18 CE units towards the PV Installation Professional exam.

ONLINE NABCEP ADVANCED PV INSTALLATION PROFESSIONAL EXAM PREP

PVI 206
Mon , Weds, 40 hours, $995 Register

40 NABCEP CEUs towards the PVIP exam

Online, Instructor-Led Classes:
Thurs, 6-9 pm, 2/1, 2/8, 2/22, 3/1 (No class 2/15)
Online Self-Paced: 2/1 - 2/16 (19 hours)
Online Instructor-Led Labs: Fri, 9-4 pm, 2/12, 2/19
(Live streamed, instructor led and recorded) 12 hours

Required Textbooks and Resources:

PV and NEC 1st Edition, Bill Brooks and Sean White
NFPA 70® National Electrical Code® purchase
NABCEP PV Certification Study Guide (free download)
NABCEP JTA PVIP (free download)

This high-level, instructor-led and self-paced hybrid course is for those who intend to take the NABCEP PV Installation Professional Exam or other NABCEP Board Certifications. Students will meet in a combination of instructor-led and self paced formats with live, instructor led videos streamed from our Brooklyn Navy Yard Solar + Storage lab. This hybrid format is ideal for those who have solar PV experience and need advanced educational CEUs from a NABCEP provider.

Advanced topics in this class will include NEC code requirements, configuring and installing utility-interactive, bimodal and off-grid PV systems, battery chemistries, energy storage, energy storage safety, FDNY and Department of Buildings codes, and system maintenance.
Visit NABCEP.org for exam requirements including documented installations and click on How to Apply to start your application. Certificate of completion and 40 CE units towards the PV Installation Professional exam.

**Reminder: Stay Safe.
Wear a Mask. Learn Online.**

Registration: www.citytechce.org

NYSERDA SPONSORED ONLINE /HYBRID ADVANCED ENERGY STORAGE TRAINING FOR ELECTRICIANS AND CONTRACTORS
ECX 402
4/6 - 4/27
Free, 57 hours, Interview Required Apply here
Contact: dsalomon@citytech.cuny.edu

Live, Instructor-led Online Training

Tues, 4/6, 6-9 pm, Introduction
Wed 4/7, 9 am - 12 pm, Battery Safety
Wed, 4/7, 1 pm - 5 pm B 29 Certificate of Fitness
Thurs, 4/8- 9 am-12 pm, Field Trip 3 hours
Mon-Thurs 6-9 pm, 4/12 – 4/26, ESS Advanced training
Fri, 9am - 5pm, 4/16 & 4/23, Live Online Installation
Tues, 4/27, 6-9 pm Energy Storage Workforce Webinar

This free, hybrid advanced energy storage program, made possible by NYSERDA, is an excellent opportunity to update your skills for work with battery energy storage systems (BESS). The workshop is open to existing electricians, renewable energy installers, network professionals, and those in the construction trades. The program is presented in a hybrid format so you can learn in a remote classroom, study online and meet virtually for live- streamed installation demontrations from our Energy Storage container at the Brooklyn Navy Yard. The evening and Friday lab schedule is convenient for working professionals

Get ahead of the curb now, as New York State and New York City reach for ambitious electrification goals. To quote Wayne Gretsky, " I skate to where the puck is going to be, not to where it has been." We are looking for participants who can visualize a new shape for energy delivery.

(Note: due to Covid restrictions, live-online demonstrations will be recorded for later viewing)

Are your employees working remotely from home?

Group Training can be provided to your organization so staff can add the skills that your company needs to expand in a competitive marketplace.

Contact Michael Neiman for details
mneiman@citytech.cuny.edu

Coming Summer 2021
Energy Storage Basics for Solar Installers, Electricians, and Clean Tech Workers
Watch for Summer Dates

Energy storage is critical to New York's clean energy future. As renewable power sources like wind and solar provide a larger portion of New York's electricity, storage will allow clean energy to be available when and where it is most needed.

Where does your business fit into the picture? Join us next summer to explore the potential.

Information: dsalomon@citytech.cuny.edu

SUPERVISION OF BATTERY SYSTEMS AND OTHER RELATED SYSTEMS B29
FSX 009
Sat, 9 am - 1 pm, 3/06
4 hours, $80 Register

Individuals responsible for operating or supervising battery systems must hold a Certificate of Fitness. Battery Systems, specifically uninterruptible power supply (UPS) systems, provide power to ensure the ongoing operation of critical systems such as those used in hospitals, banks, hotels, etc.

This prep course will help students pass the FDNY B-29 Certificate of Fitness computer-based test.

Note: A B29 Certificate of Fitness holder is required on battery energy storage job sites.

Heaalthcare Careers
Spring 2021 classes are 100 percent online in an instructor-led, interactive video classroom

The healthcare industry will continue to drive the nation's employment growth through 2026 by adding around 4 million new jobs, accounting for about a third of total job growth, according to Bureau of Labor Statistics data.

ONLINE PHARMACY TECHNICIAN
PHA 090
Sat, 9:am - 12 pm,1/30 - 5/8
200 hours, $995 **Register**
45 hours of Instructor-led classes Register
Required Textbook expense is additional
Prerequisite: High school diploma or GED.

This course is being offered online. Students will meet with their instructor once per week.

Contact Dania Anderson **danderson@citytech.cuny.edu** to receive course instructions.

Join this up and coming profession. Over a billion prescriptions are filled in the U.S. each year. Our convenient instructor-led online PTCB exam prep class prepares students for employment in retail and healthcare settings. Employment in healthcare occupations is projected to grow by 18 percent from 2016 to 2026, much faster than the average for all occupations, adding about 2.4 million new jobs. Contact us to learn about career pathways in rewarding careers.

Consider:

- Convenient once a week classes
- Online lessons mean you can learn from the comfort of home

ONLINE HEMODIALYSIS TRAINING
HEMO 100
Tues/Thurs, 6 pm - 9:30 pm, 1/26 - 3/25 Register
60 hours of online, instructor-led classes, $1,580
Prerequisite: A High School Diploma or GED is required.
For information email **danderson@citytech.cuny.edu**

The increase in chronic illnesses prompts a surge in the need for well-trained professionals, skilled in hemodialysis treatment. City Tech, working in partnership with Dialysis 4 Career, provides the comprehensive online training necessary to become a hemodialysis technician or nurse specializing in End-Stage Renal Disease (ESRD)

Training will focus on essential topics including: kidney anatomy and physiology, renal nutrition, water treatment, vascular access, infection control,medication, complication, dialysis machine set-up, and patient monitoring.

ONLINE PHYSICAL THERAPY AIDE PROGRAM
PHT 100 Watch for Spring Dates
1/23 - 7/31 **Register**
87 hours $1,180 Instructor led classes
Course tuition does not include the textbook.
Prerequisite: HS Diploma or GED.

The applicant must submit proof of high school graduation, GED, diploma or the equivalent of secondary education completed from country of origin, if educated outside of the United States. Admission requirements: Complete an application and email danderson@citytech.cuny.edu Physical Therapy Aides, sometimes called Rehabilitation Aides, are entry-level positions that mirror an emerging trend in healthcare delivery where support services are provided under the supervision of licensed professionals. They are employed in private physical therapy practices, chiropractic offices, long term healthcare facilities, and hospitals. An aging population with improved survival from heart attacks, strokes, and trauma as well as improved survival rates from birth injuries and severe disabilities will create added demand for PT Aides. Career ladder opportunities exist with collegiate study leading to licensure, both on the associate and advanced-degree levels.

Coming Soon
Electronic Health Records Specialist (EHRS)

New Healthcare Course
Watch for Upcoming Dates

Registration: www.citytechce.org

An internet-enabled computer, pad, or smart phone and microphone are required for all classes

Healthcare technician jobs provide both flexibility and secure employment.
A smart choice with opportunities for professional growth

BASIC MATH REFRESHER
BMM 100
Mon, & Wed, 6:00 - 8:30 pm, 2/17 -3/29
25 hours, $250 **Register**
For information email **danderson@citytech.cuny.edu**

This course is a basic refresher of pre-algebra and simple algebra for individuals in health care fields. Brush up on the math needed for health and hospital-related activities. so you can fulfill the day -to-day duties of a health care professional.

MEDICAL BILLING AND CODING
MBC 100-SP
Sec A: Sat & Sun, 9 am - 12:30 pm, 1/23 - 7/31
180 hours, $1,724 Register
For information email **danderson@citytech.cuny.edu**

The course will train the student for jobs in computerized medical billing and coding for medical offices, hospitals, and other medical facilities. It will include computer hands-on training on widely used Practice Management Software. To enhance the student's training in the medical field, the course includes classes in medical terminology with anatomy and physiology, medical insurance for billing and reimbursement, and ICD-10/CPT-4 medical coding. At the end of the course, the student will be reviewed for the Certified Billing and Coding Specialist (CBCS) national certification exam of the National Health Career Association (NHA/ATI).

The Curriculum includes:

• Medical Terminology with Anatomy and Physiology

• Medical Coding ~ CPT-4 and ICD-10

• Medical Insurance for Billing and Reimbursement

• Practice Management Software

• Preparation for NHA CBCS examination

**Reminder: Stay Safe.
Wear a Mask. Learn Online.**

DENTAL ASSISTING CERTIFICATE
DAP 100
Fri, 6- 9 pm & Sat, 9 am - 12 pm, 1/29 - 5/22
(Seats fill quickly)
96 hours, Instructor-led classes, $1,700, Register
Textbook expense additional
For more information please email Dania Anderson
danderson@citytech.cuny.edu

Admission requirements: Complete an application for admission.

The applicant must submit proof of high school graduation, GED, diploma or the equivalent of secondary education completed from country of origin, if educated outside of the United States.

Dental Assisting offers excellent career opportunities for those without a college degree. The demand for trained dental assistants is currently excellent. The Dental Assisting Course will introduce students to the various aspects of dentistry necessary to be a competent and proficient Dental Assistant and provide skills needed to help candidates achieve employment as a dental professional in a clinical practice setting. This is challenging interesting work as an integral member of a professional health care team. Successful course completion plus 2 years in a Dentist's Office or Hospital qualifies a student to sit for certification and licensure.

Free Community Program / NYSERDA Energy Storage Training
Spring 2021 classes are 100 percent online in an instructor-led, interactive video classroom

NYSERDA SPONSORED ONLINE /HYBRID ADVANCED ENERGY STORAGE TRAINING FOR ELECTRICIANS AND CONTRACTORS
ECX 402
4/6 - 4/27
Free, 57 hours, Interview Required Apply here
Contact: dsalomon@citytech.cuny.edu

Live, Instructor-led Online Training

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Wed 4/7, 9 am- 12 pm, Battery Safety
Wed, 4/7, 1 pm - 5 pm B 29 Certificate of Fitness
Thurs, 4/8- 9 am-12 pm, Field Trip 3 hours
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This free, hybrid advanced energy storage program, made possible by NYSERDA, is an excellent opportunity to update your skills for work with battery energy storage systems (BESS). The workshop is open to existing electricians, renewable energy installers, network professionals, and those in the construction trades. The program is presented in a hybrid format so you can learn in a remote classroom, study online and meet virtually for live- streamed installation demontrations from our Energy Storage container at the Brooklyn Navy Yard. The evening and Friday lab schedule is convenient for working professionals

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(Note: due to Covid restrictions, live-online demonstrations will be recorded for later viewing)

New York State's 2025 energy efficiency targets will reduce energy consumption by equivalent of 1.8 million homes annually and create as many as 50,000 new jobs.

This energy storage initiatives will provide enough electricity for 1.2 million homes and produce $2 billion in benefits to New Yorkers.

Aggressive pursuit of energy efficiency and energy storage is vital to meet New York's clean energy goals.

City Tech Continung Studies Center Education Virtual Open House
Thursday January 21, 2021

Meet our faculty and staff and learn about career options in wide range of fields. Are you graduating from high school and considering your next steps? Explore career options that don't require a college degree.

Certificate Training Programs

Pharmacy Technician

Medical Billing and Coding

Dental Assisting

NABCEP Solar PV installer

Refrigerating Systems

Blueprint / Construction Management

Registration: www.citytechce.org

The only constant is change. Join us online to discuss strategies for coping with whatever life brings your way. Register for these free community programs to engage, share and learn. City Tech Continuing Studies Center is your resource for learning, growing, adapting, and thriving.

Free Community Workshop
THE PERILS AND POSITIVES OF PURCHASING REAL ESTATE DURING THE PANDEMIC

REX 014, Thurs, 6 -8 pm, 2/4
2 hrs, Free Register
Please post your questions and confirm registration to Michael Neiman, **mneiman@citytech.cuny.edu**.

This free community workshop is exactly what the title states: The perils and positives of purchasing real estate during an unsettling time. With so many changes in New York City due to the COVID-19 virus, people are moving and real estate opportunities are growing. However, there are many pitfalls that you may not be aware of, for instance when coop or condo owners don't pay homeowner dues.

The class covers some of the important factors you need to consider before buying a home in this very tricky market. This informational session is a preview of what will be covered in REX 013 *Get Ready for the New Real Estate Market: in 2021*.

Free Community Workshop
WHAT'S NEXT?
PLANNING FOR LIFE AFTER RETIREMENT:
WHAT YOU SHOULD THINK ABOUT WHEN YOU ARE THINKING ABOUT RETIRING

THIS IS LIFE COACHING, NOT FINANCIAL PLANNING

ESC 100
Tues, 2/16, 7-9 pm
2 hours, Free Register

Whether through circumstance or choice, the COVID pandemic has caused many people to evaluate what they want to do next in their life.   O'Hara Solutions Group is proud to offer a free online webinar introducing the Horizon Life Design framework. The methodology helps individuals design a life to thrive in, at any age or stage of life.

Participants in this webinar will be introduced to a creative problem-solving approach and how to align personal values with actions. Attendees will learn the importance to reframe current challenges and how to gain the input of others to design amazing possibilities and see them come to life. This flexible framework allows participants to weave these approaches into what they are already doing every day.

**Reminder: Stay Safe.
Wear a Mask. Learn Online.**

Registration: www.citytechce.org

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CUNY Language Immersion Program

CLIP is an intensive English as a Second Language (ESL) program for CUNY students who need to improve their academic English language skills. Classes meet for five hours a day, five days a week, in day or evening sessions. Students who have been accepted to any CUNY college can spend up to one year in the program.

At this time, Adult Learning Center classes are continuing in an online format.

Email is the best way to get in touch.

Please contact Donna Capobianco, dcapobianco@citytech.cuny.edu

City Tech Adult Learning Center

FREE! High School Equivalency (HSE) and English for Speakers of Other Languages (ESOL)

The Adult Learning Center at City Tech offers a variety of free programs to help you meet your learning goals. Classes are continuing online while the college campus is closed. Students must be at least 19 years old and meet minimum test requirements. Classes are FREE! Daytime, evening, and Saturday schedules available.

Classes meet three times a year: January, April, September

Registration is ongoing. For information or to register email: Donna Capobianco, dcapobianco@citytech.cuny.edu

High School Equivalency (HSE) Classes
Prepare to take the TASC test and obtain your High School Equivalency Diploma for free.

English as a Second Language (ESOL) Classes
Learn how to communicate effectively in English. Students practice and improve reading, writing, speaking, and listening skills in English

Registration: www.citytechce.org

MAKING CONNECTIONS

City Tech's [Business and Industry Workforce Training Center](#) offers immersive industry-specific courses that are financially beneficial to employers and job seekers. The training provides wrap-around services that include training assessment, counseling, career development and job placement assistance. At this time, BIWTC programs are taking place in an online format. For information, please email Shermira Busby, [sbusby@citytech.cuny.edu.](mailto:sbusby@citytech.cuny.edu)

Direct Care Professional for English Language Learners

This program is designed to provide high intermediate / advanced level English language learners with the knowledge, practical skills, certifications, and English language skills required to be competent Direct Support Professionals. DSPs work in agencies that provide services to children and adults with developmental disabilities.

Green Maintenance for Buildings Program

The Green Maintenance for Building Program prepares individuals to work as janitors, porters and maintenance personnel either in commercial or residential buildings or janitorial service companies. The program encompasses educational enrichment and awareness of sustainable practices, and provides meaningful employment opportunities for low-income individuals with multiple barriers to employment.

What We Do

Skills Training - for job readiness

Job Placement - in settings with room to grow

Follow Up - to insure job retention

City Tech staff focuses on individual strengths to enhance motivation and improve performance. Activities are conducted through individual and team-based assignments, in-class exercises, and one-on-one meetings with workforce professionals.

Registration: www.citytechce.org

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Important Policies to Note During Covid

What has Changed?

During this unprecedented period, when our lives have been changed by necessity of working, socializing, and learning online, City Tech Continuing Studies Center has worked quickly to adapt our training while maintaining our commitment to workforce education.

Learning Online

We are aware that we need to be flexible in response to the evolving nature of this pandemic. Our courses are fully online for Spring 2021 in an instructor-led format where you will work directly with your instructor and fellow students. In-person labs with hands-on training will resume upon direction from CUNY, and New York State. The safety of our students is our first concern.

Cameras and Recordings in an Online Classroom

Many instructors record their classes for the convenience of students. Instructors will inform students at the start of class that the session is being recorded. Students who do not have access to cameras may participate fully without video. Those students who do not wish to be recorded will be alerted to turn off their cameras during class.

Proctoring and Cameras

During the proctoring of exams in web conferencing digital technology platforms like Zoom, students may not be compelled to turn on their cameras during test-taking unless the use of a particular technology or proctoring tool was disclosed prior to the student enrolling in class and/or in the course syllabi.

Will I Receive a Refund if a Course is Canceled?

From time to time a course may be canceled. If you are enrolled in a course that is canceled due a change in the instructor's schedule or insufficient enrollment, your entire course fee and registration fee will be refunded to the card used at registration.
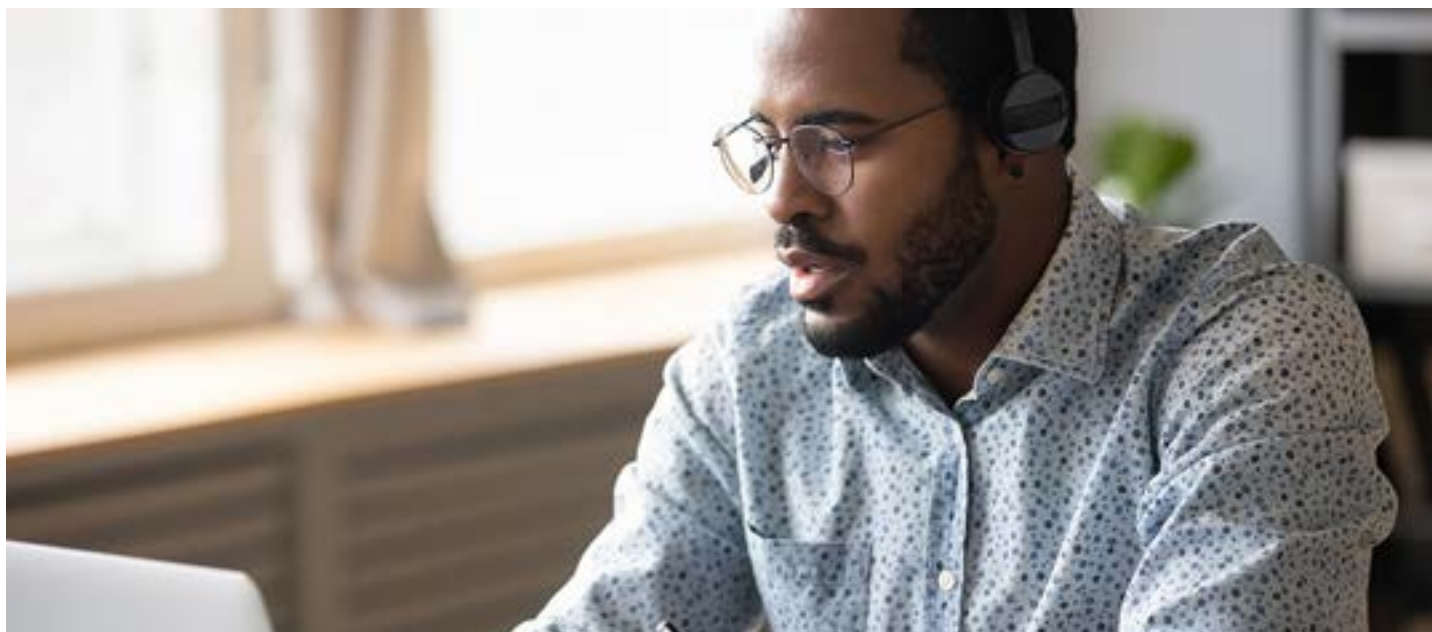
Withdrawing from a Class

Please read and accept our withdrawal policy before completing your registration.

100% refunded when a written email withdrawal notice is received prior to first class meeting.
80% refunded if a written notice is received before the second class meeting.
No refunds after the second class.

Registration: www.citytechce.org

Policies and Registration FAQ

Register Online: citytechce.org

At this time, staff are working remotely and are not in the office. If you need telephone assistance, please call 718 552 1170 and we will return your call.

For assistance using the registration system, please email bsmith@citytech.cuny.edu.

Please register online. Payments must be made by credit card. MasterCard, Visa and Discover are accepted.

REGISTRATION DEADLINE
The registration deadline is one week prior to the beginning date of the course.

ADMISSION
Course admission notices are emailed when the required minimum enrollment is achieved and tuition and fees have been paid.

COURSE CANCELLATION
The Center reserves the right to cancel any course or modify the schedule. This can also include cancellation at the first class meeting. In the event of such a cancellation, you will receive a full refund of all tuition and fees.

AUTHORIZED INSTALLMENT PAYMENT PLANS
Some courses/programs have been identified as eligible for a tuition installment plan. All payments on authorized installment plans must be made by credit card only.

! Class Meetings and Attendance Policies

Unless you are notified otherwise, all courses will start according to the schedules listed in the bulletin.

- **Successful completion requires a minimum of 80% attendance (with the exception of NY State pre-licensing courses, which require 100% attendance) and an overall passing grade or mark.**

! Refund Policy and Guidelines

Tuition refunds are issued to fully paid students under the following conditions:

- **100% refunded when a written email withdrawal notice is received *prior* to first class meeting.**

- **80% refunded if a written notice is received *before* the second class meeting.**

- **No refunds are given after the second class meets.**

REFUND POLICIES
Refund policy is based on the total course tuition, regardless of initial payment.

All registration fees are non-refundable. If you withdraw without **written notification**, you will not receive a refund.

To initiate a refund request:

Email refund requests to Michael Neiman
Include your full name and contact information in the withdrawal request. mneiman@citytech.cuny.edu.

Please include

- Date of registration
- Course name
- Date of class.

DISCOUNT POLICIES
If CSC offers a one-time discount for a course, this discount can not be applied to any other time period. There are no exceptions.

DISCOUNTS
Senior citizens 65 years and older, full-time New York City College of Technology faculty/staff, City Tech alumni and current full-time NYCCT students are eligible for a 15% tuition discount on a space available basis.

Policies and Registration FAQ

CERTIFICATES
Certificates for successful course completion are issued to all eligible students. It may take up to 4 weeks to recieve your certificate. Please be assured that it will be delivered by email.

LETTERS OF ATTENDANCE
To obtain a letter confirming attendance or to request a replacement certificate, email Michael Neiman, mneiman@citytech.cuny.edu.

Note: There is a $10 fee for this service.

ISSUES & CONCERNS
We continue to improve communication with our students. Concerns about our programs can be directed to Michael Neiman, mneiman@citytech.cuny.edu.

VIRTUAL CLASSROOM POLICIES
Before entering your virtual classroom:

- Mute your cell phone
- Turn on your video settings
- Test your audio settings.
- Greet the class
- Mute your audio when the instructor is speaking

VIRTUAL CLASSROOM RECORDINGS
At the discretion of the instructor, classes will be recorded in the virtual classroom. If you do not wish to be recorded, please alert the instructor at the start of class.

CERTIFICATES POLICY
Certificates will be emailed to students who meet completion requirements in a printable pdf format.

FINANCIAL ASSISTANCE
Except for installment payments permitted for some programs, no college based financial aid is available through the Continuing Studies Center. Several programs are approved for Veterans' benefits. Unemployed workers who meet Federal, State, and City income guidelines may be eligible for Workforce Investment Act assistance.

WORKFORCE ONE ELIGIBILITY
To check for eligibility, contact one of the One- Stop Workforce 1 Career Centers:

Brooklyn: (718) 246-5219
Queens: (718) 557-6755
Lower Manhattan: (212) 618-8871
Upper Manhattan: (917) 493-7000
Bronx: (718) 960-7099
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Patricia Cody, Esq. has been designated at New York City College of Technology to handle inquiries and complaints relating to CUNY's Policy on Equal Opportunity and Non-Discrimination and Policy on Sexual Misconduct and to ensure compliance with CUNY's procedures for implementing Reasonable Accommodations and Academic Adjustments. Her office is located in Namm 322. If you wish to contact Ms. Cody please email: pcody@citytech.cuny.edu.

CODE OF CONDUCT
Pursuant to article 129-a of the education law "Henderson rules": Loud, boisterous activity and inappropriate language that causes discomfort to the instructor or students in the program is not permitted. The student will be given written and verbal notice that his/ her behavior is in violation of the Code of Conduct. Repeat infractions will result in dismissal from the program. Violent behavior in the classroom will cause the student to be removed from the building by public safety.

At this time, City Tech Continuing Studies Center staff are working from home. For questions and concerns, please email Michael Neiman, **mneiman@citytech.cuny.edu**

Classes are continuing in an online format. An internet connected device with a microphone are needed for all online classes. Register online.www. citytechce.org

Learn about our many program offerings and training opportunities at: **www.citytech.cuny.edu/continuinged/**

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