



Houston Community College Center of Excellence Inaugural Resiliency Cohort

What is the Inaugural Cohort?

HCC has designed a curriculum focused on Preparedness-Response-Recovery-Rebuild among citizens, communities, and companies through pre-disaster risk mitigation of homes, facilities, operations, and infrastructure. The Inaugural Cohort is our kickoff program under the newly established Resiliency Center of Excellence. The 10-12 "members" will work with HCC senior leadership, faculty, subject matter experts, and content providers to shape the most effective training and certification through our continuing education, corporate and small business, veterans, and similar offices aligned within the Center of Excellence "One College-One Community" strategy. The Cohort will be organized and jump-start delivery of training in Fall 2022.

What Course, Curricula, and Certifications Are Offered?

As described on the following page, HCC has designed the initial courses around our successful workforce and continuing education certification process. These skills, competencies, and most importantly new cross functional, multidisciplinary curricula include a baseline 20-hour "Resiliency 101 + CERT" to train all participants in vital knowledge for personal, family, and community preparedness and recovery from various threats, disasters, scenarios. These non-credit courses are fixed content, but can be tailored and customized to meet specific requirements of each Cohort member and their employees.

Our initial portfolio of training includes Public Safety & Rescue, Facilities Operations and Management, Medical Triage, Disaster Case Management and Customer Engagement, Debris Management and Reuse, Data Science-Drones-Internet of Things. And within each of these programs, we will deliver certifications for Project Management, Teambuilding and Communications, Business Continuity, Compliance, Scenario-Simulation Training of Trainers.

How Will the Training, Certification Affect Us?

In our nearly two-years of researching, exploring, and designing the Resiliency Center of Excellence, HCC has sought to identify the scenarios that businesses, community organizations, and governments-public sector have faced and the results of lessons-learned for strengthening resilience on a personal and professional level.

For Corporate and Small Businesses

Future Proofing Employees, Assets, Facilities, Operations, and Economic Competitiveness through Deployment and Maintenance of Technology, Equipment and Data- Leading to Immediate and Sustainable Risk Reduction

For Civic, Community Organizations

Coordinating Staff, "Clients", Funded Partners, Neighborhoods, Local Centers, Disaster 'Lily Pads' Around Common Training and Certification to Reduce Loss of Life and Community Vitality

For Governments, Public Sector

Strengthening the Role of First Responder-Medical Triage-Logistics Teams Among Teambuilding Exercises and Integrated Technology Adoption to Optimize Rescue, Response and Recovery

Are There Options for the Delivery of the Training?

HCC, as have your organization, defined the delivery of its work based on lessons learned from past and current challenges, and therefore has designed options for conducting the training accordingly:

- *In-Person or Remotely-Virtually*
- *On Our Campuses or On Your Site*
- *In the Classroom AND In the Field*

Are There Financial, Economic Commitments or Resource Requirements?

HCC recognizes the delivery of resilience-centric workforce skills development requires flexibility to meet the needs of our "clients, customers, and partners"; therefore, we have designed a financial, economic model that includes Tuition-Based, Fee-For-Services, Grants, Sponsors-Underwriters. The cost of the training is determined by shaping the program to each Cohort Member's areas of focus, and to a determination of each Cohort Member's potential eligibility for federal, state, and local funding that may partially offset or even cover the entire cost for participation.

By way of example, among several sources are:

- The **Skills Development Fund** is Texas' premier job-training program. It supports the development and implementation of customized job-training projects. Existing workers can receive training to upgrade their skills and new employees can gain proficiency in industry skill standards. Providing skills training to your workforce powers your business to stay competitive in today's global market. Houston area businesses may be eligible to receive \$2,000 per employee up to \$500,000 per business.
- The **Skills for Small Business (SSB)** program is dedicated to the backbone of Texas' business community – small employers. This exceptional opportunity supports businesses with fewer than 100 employees. It emphasizes training for new workers, and it may also help upgrade the skills of seasoned workers. The program pays up to \$1800 for each new employee trained and \$900 for existing employees trained per 12-month period. Employers must pay the prevailing wages in the local labor market for trainees funded under the grant.

What Are Additional Benefits to Joining the Inaugural Cohort?

- *Choice of one course or a package of courses designed around your requirements, objectives, goals for preparedness and disaster risk mitigation*
- *Organized as a "One College" approach of accessing internal faculty, subject matter experts, adjunct faculty, best-in-class and dynamic content for ahead-of-the curve preparedness training*
- *Experiential learning within and across the Cohort, thereby leveraging all areas of adapting lessons-learned and real-time situational awareness*
- *Access to a wealth of new knowledge, technology, equipment, data science, and other "tools in the toolkit" to support your employees during and post training*

Domain	Market-Employer Description	Launch Fall 2022	Option 2	Option 3	Option 4
Public Safety + Rescue	<i>Focused on delivery of Traditional First Responders (Police, Fire, EMS) with Citizen and Corporate Responders). Critical Targets: Retirement Centers, Community & Neighborhood Centers, Large Corporate or Operating 'Campuses'; Aligns the Transportation (e.g. Fleet Owners-Management - Rescue Vehicles, Drivers, Maintenance-Retrofit) for the Delivery of Rescue Personnel, Materials, Other Equipment. In advance of RROC Completion - addresses use of HCC Campuses (Parking Lots, Open Areas, etc.), Infrastructure as potential "Resilience Lily Pads" in coordination with hyper-local community needs for preparedness and response.</i>	Project Management for Resiliency	Business Continuity Specialists	Interprofessional and Transdisciplinary: Team Building and Communications	OSHA and other Required Compliance
Medical Triage	<i>Focused on the Medical Personnel (Nursing, Pharmacy, Medical Technicians, Medical Records, and Community Health Workers) across public and private hospital, medical centers, private emergency delivery, pharmacies, and community-based health care).</i>	Interprofessional and Transdisciplinary: Team Building and Communications	OSHA and other Required Compliance	Project Management for Resiliency	Business Continuity Specialists
Facilities and Construction	<i>Focuses on Real-Estate Residential-Multifamily, Commercial, and Industrial Developers, Building Owners and Operators, Large-Scale Distribution Centers. Purposely includes Engineering, Architect, and Design Companies AS WELL AS Installation Companies addressing operating systems (HVAC, Plumbing, Electrical). Includes Support Services and Assessment by Insurance and Reinsurance Carriers.</i>	Business Continuity Specialist	OSHA and other Required Compliance	Project Management for Resiliency	Interprofessional and Transdisciplinary: Team Building and Communications
Debris Removal and Reuse	<i>Focuses on Public Sector Designated Debris Management Contractors, Providers AS WELL AS Private Sector Companies Delivering Large-Scale Removal-Cleaning Services. Includes Mold and Material, Automotive and Large Appliance Removal and Reuse (including Electronics).</i>	OSHA and other Required Compliance	Interprofessional and Transdisciplinary: Team Building and Communications	Business Continuity Specialists	Project Management for Resiliency
Drones and Internet of Things (IoT)	<i>Focuses on the coordination among FAA, State and Local Approved Operators (Pilots, Support), coupled with Sensors, Optical, Information and Data Gathering Technology Providers and/or Network Architects for Leveraging IoT platforms into the Public and Private Emergency Operations. Additionally engages with Education-Training of Scenarios, Remote Learning, and Autonomous Vehicle Communications. Supports Facilities and Infrastructure Assessment of Pre-Disaster Vulnerability and Event Loss Scenarios, AND Public Safety -Rescue Teams.</i>	Project Management for Resiliency	Interprofessional and Transdisciplinary: Team Building and Communications	OSHA and other Required Compliance	Business Continuity Specialists
Disaster Case Management	<i>Focuses on Pre-Disaster Preparedness and Response (Immediate), and then Recovery and Rebuild (Near-Term) Individuals and Teams Organized to Assist with Resource Allocation, Personal and Community Benefits, Health and Human Safety Integration, Financial Management (Banking, Other Services) Required for Reducing Long-Term Consequences from Disasters. Supports National and Regional Disaster Management Consulting Firms, Engineering and Project Management Firms, AS WELL AS Government and Community Disaster Programs (FEMA, SBA, EDA, etc.)</i>	Business Continuity Specialists	Project Management for Resiliency	Interprofessional and Transdisciplinary: Team Building and Communications	OSHA and other Required Compliance

The Inaugural Resiliency Cohort of 10-12 Corporate, Civic, Government "Members" will launch in Summer and Fall 2022. We seek your immediate interest and how HCC can customize the curricula to meet your objectives:

Name: _____ Organization: _____

email: _____ phone/cell: _____

Resilience Area(s) of Focus: _____

Potential Number of Employees for Training: _____ Timeframe: ___ Summer ___ Fall ___ Unsure