#	Area	CPE Course	Description:	Avg Hours	Designed for	Evaluation Criteria
1	Sustainable Earth	A Sustainable Earth	Explains the science behind global climate change, and how energy consumption, solid waste disposal and urban issues impact our natural environment.	10 hours	This course is for individuals who to learn about the impacts of climate change, the evidence for climate change and future predictions which are based on data from greenhouse gas emissions and thousands of studies that have identified key climate variables.	Complete the lessons and quizzes with at least 80 points or better
2	Sustainable Earth	Microbiology-based Technologies for Water and Wastewater Sustainability	In this course, you will explore the vast abilities of microorganisms and how we can establish a valuable partnership with them to produce renewable energy through microbiology-based technologies for water and wastewater treatment	12 hours	Individuals interested in water and wastewater treatment	Once you have completed all module lessons, activities, and assessments you will be granted access to download the course completion certificate.

3	Sustainable cities	Urban Climate: Keeping Cities Livable with Climate Research	The course introduces the fundamental physical mechanisms that need to be considered to predict urban climate, explains the connections between urban climate and energy, water, air quality, and human health and well-being, and presents several strategies for mitigating urban climate, and explains advantages and disadvantages of each approach	3 hours	Individuals interested in knowing or implementing urban planning.	Complete all quizzes with perfect score
4	Sustainable cities	Cars in Cities: Challenges and Alternatives	In this course you'll learn how cities in the United States and around the world differ in terms of their dependence on cars for transportation, as well as learning how cities have fostered transit, walking and biking as alternatives to the single occupant vehicle	1 Hour	This course is for individuals who want to be introduced to skills that YOU can leverage to design happy cities, plan transportation infrastructure, and understand climate and weather.	Complete the lessons and quizzes
5	Sustainable cities	Planning for Healthy and Happy Communities	What do neighborhoods with happy residents look like? How can bicyclists act as 'citizen scientists' to help cities gather valuable data? This course explores two innovative research initiatives on how a community's residents can use technology to create data valuable to improving the community	1 hour	Geography student or related with this area.	Prerequisite: Complete all modules. To earn digital badge from ASU you need to answer all the questions in the course's two quizzes correctly

6	Sustainability reporting	Fundamentals of GRI reporting	This course covers an overview of GRI sustainability reporting, if it's right for your organization, the types of GRI reports, GRI Standards overview, key terms, case examples, and the certification process	1-2 hours	If you are interested in finding out more about GRI reporting and its role within your organization, this course will provide an overview of GRI Standards reporting system, so you can decide if it's right for you.	To complete the course, do all lessons and provide your feedback in the survey
7	Sustainability reporting	Intermediate CDP Reporting	How can organizations make CDP reporting progress and advance through the assessment levels? This course covers management of greenhouse gasses, risks and opportunities, business strategy, emissions data and supply chains, and reporting timeline	1-2 hours	This course focuses on what to consider after making the decision to report and provides an overview of the CDP Questionnaire sections.	To complete the course, do all lessons and provide your feedback in the survey
8	Sustainability reporting	Advanced CDP reporting	How can organizations continuously improve their reporting to CDP? This course covers scoring levels, gap analysis, how to boost your score, maximizing points via foundational questions and emissions and supplier engagement questions.	2 hours	Individuals interested in climate change and improving organization's score	To complete the course, do all lessons and provide your feedback in the survey

9	Sustainability in organizations	Fundamentals of Circular Economy	This course covers circular economy benefits and opportunities, real world examples, steps to get started, and companies taking circular economy action	1-2 hours	Individuals interested in knowing or implementing circular thinking into business or organization.	To complete the course, do all lessons and provide your feedback in the survey
10	Sustainability in organizations	Fundamentals of Organizational Sustainability	This course covers definitions of sustainability, perceptions and realities, the challenges of sustainability ideas, the business imperative, the seeds of a sustainability strategy, and how to get started in your organization	1-2 hours	If you are interested in finding out more about foundational sustainability concepts and covers organizational sustainability	To complete the course, do all lessons and provide your feedback in the survey
11	Sustainability in organizations	Fundamentals of Sustainable Supply Chains	This course covers definitions of sustainable supply chains, roadmaps, data and measurement, smart vendors, and how to get started creating a sustainable supply chain for a company or organization.	1-2 hours	If you are interested in fundamentals to sustainable supply chains to addressing organizations or businesses sustainability goals.	To complete the course, do all lessons and provide your feedback in the survey
12	Introduction to Earth and Space Science	Getting to Know Earth	This course explores the atmosphere and hydrosphere to discover how air and water molecules are cycled, digs into the pedosphere to learn how soil is formed, and investigates the diversity of life in Earth's biosphere.	8 hours	This course serves as the basis for Course 2: A Sustainable Earth.	For each module, you will complete 2-3 sections and 2-3 quizzes (1 at the end of each section). You may take these quizzes as many times as you need to pass this course with at least an 80% average.

13	Introduction to Earth and Space Science	Physical Geography: From Weather to Rocks	Did you ever admire a dramatic rock outcrop, or wonder what was the worst hurricane ever? Take this short course to learn how geographers see natural phenomena like these	1 hour	Individuals interested in geography	Complete all quizzes with perfect score
14	Introduction to Earth and Space Science	The Process and Lifetime of a Space Mission	Learn the process and lifetime of a NASA space mission, from ideation to flight. The only prerequisite is an interest in space exploration and the behind-the-scenes planning for a space mission.	5 hours	Individuals interested in space exploration and the behind-the-scenes work that goes into planning and conducting a space mission	Complete all modules and quizzes
15	Community Engagement	Design and Arts Corps: Community Engaged Practices in Arts and Design	In the DAC modules you will learn the basics of self care, ethics, democracy, equitable communication, process, product, and participatory publics, values clarification, being a guest and a host, and most importantly, what are community engaged practices in the context of your life, work, and community relationships?	12 hours	Individuals interested in bridging the skills and practices between discipline knowledge, deep experiential knowledge, and community wisdom.	Complete all modules and final exam
16	Community Engagement	Inclusive Mindset: Tools for Building Positive Team Culture	In this course, students will learn about team culture, strategies for working as part of a diverse team, and techniques for developing a positive, collaborative inclusive mindset	20 hours	Anyone who will engage to build value as a good team member and collaborative leader.	Prerequisite: Complete all modules

17	Community Engagement	Delivering service excellence	In this course, students will learn about team culture, strategies for working as part of a diverse team, and techniques for developing a positive, collaborative inclusive mindset	8 hours	For individuals that want to develop techniques for Identifying and transforming current service processes and build knowledge and skills to elevate your career as a customer experience practitioner.	Complete all course content and activities and score an 80% or higher on the final assessment.
18	Education	Empower Postsecondary Planning: Training for Supportive Adults of Foster Youth	Supportive adults will understand and be able to apply skills, concepts, and activities that promote future thinking and educational planning in youth who experienced foster care. They will learn to use information, tools and resources that engage youth in taking the steps to apply for postsecondary education, access financial aid, and complete the enrollment process.	1 hour and a half	This is for supportive adults who work with youth who have experienced foster care	Complete all modules including assessments, evaluations and reflections

19	Education	Foundations for Excellence in Teaching Online	This self-paced learning experience is designed to share strategies for designing and teaching online courses. Participants will complete activities as students, using technologies and pedagogy designed to enhance online learning.	12 hours	Individuals interested in learning strategies for designing and teaching online courses. Participants should be instructors in an online degree program offered at a college or university or instructors who have moved their face-to-face courses to a digital environment.	Complete all modules and quizzes, however, assessments are optional in this experience.
20	Education	Teaching and Learning with Generative AI	This course takes an interactive, hands-on approach so that participants will not just learn about generative AI but also have opportunities to apply it in real-world scenarios through the “guided practice” and “create an artifact” exercises.	12 hours	This course is for dedicated faculty embracing the transformative power of generative AI, preparing you to not just teach with AI but to teach AI, enhancing your teaching practices and preparing your students for the future	Complete all modules and quizzes. Hands-on activities are optional.

21	Programming Languages	Principles of Programming Languages	Programming languages are one of the most important and direct tools for the construction of a computer system: in a modern computer different languages are routinely used for different levels of abstraction. In this course, students will understand the salient features in the landscape of programming languages, and understand the essence of defining concepts of programming languages, so to allow critical choice about the level of abstraction.	12 hours	Individuals who want an opportunity to prove your knowledge of the subject matter.	Complete modules and take final exam.
22	Programming Languages	Computer Organization and assembly language programming	Computer scientists should understand Program Execution, Assembly Language, Procedures in Assembly, CPU Design Choices, Data Representation for understanding how each instruction is executed at the micro level. Learning assembly gives computer scientist an intuitive sense of how high-level code will be transformed.	12 hours	Computer Scientists	Complete all modules and pass the exam with an 80% or better.

23	Programming Languages	Understanding Data Sources	This course helps students better understand where security data originates from and how to make the best use of it as a part of working in a Security Operations Center (SOC)	2 hours	This course will help any facet of the cyber security profession (audit, governance, compliance, engineering, architecture) to better understand security data.	Complete modules and quizzes
24	Programming Languages	Basic Python Programming for Business Analytics	This is a fully-online, hands-on, self-paced workshop that covers the fundamentals of Python as a Programming Language. The workshop consists of approximately 10 hours of recorded content, 7 exercise sets and 5 (multiple-choice) quizzes. Students should expect to spend 5-10 hours per week for 4 weeks to fully benefit from the course material.	20-40 hours	Notions of Data Structures and Algorithms and of Computer Organization and Assembly Language Programming or a degree in Computer Systems Engineering.	All modules must be completed including course survey
25	Programming Languages	Advanced Python Packages for Business Analytics	Computer scientists should understand Program Execution, Assembly Language, Procedures in Assembly, CPU Design Choices, Data Representation for understanding how each instruction is executed at the micro level. Learning assembly gives computer scientist an intuitive sense of how high-level code will be transformed.	20-40 hours	It is assumed that you have already successfully completed the Basic Python Programming Workshop or have a basic understanding of Python as a Programming Language.	All modules must be completed.

26	Health Sciences	Introduction to Adult ICU Nursing and Mechanical Ventilation	This course offers nursing-specific content and new interactive modules to meet course objectives. While this course focuses on care of the mechanically ventilated patient, care of the critically ill patient also requires basic knowledge of a number of other areas including: electrocardiogram interpretation and management, hemodynamic monitoring, management of shock, titratable IV drips and others. This course intends to introduce non-ICU nurses to the ICU setting.	14 hours	This course was created under the assumption that learners are registered nurses with active licenses. It supports non-ICU registered nurses (RNs) in their transition to caring for COVID-19 patients in the ICU setting	Complete all modules and score at least a 13 out of 15 in each quiz
27	Health Sciences	Screening, Brief Intervention and Referral to Treatment for Risky Substance Use	Participants will learn the rationale for universal screening for risky substance use, how to administer validated brief screening instruments, methods for enhancing motivation to make reductions in one's substance use, as well as successful methods for referring to a higher level of care when needed.	TBC	This course supports your learning and practice of the Screening, Brief Intervention, and Referral to Treatment, or SBIRT, model	In order to obtain the certificate of completion for this course, you will need to complete a minimum of modules 1-5, one patient simulation, and a short survey following the patient simulation of your choice.