CertNexus Certified Ethical Emerging Technologist (CEET) v1.0

Category: Networking & Security | **Vendor:** CertNexus

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Certified Ethical Emerging Technologist (CEET)
Related Exam:	EET-110

Course Overview

Mutually reinforcing innovations in computing and engineering are catapulting advances in technological production. From blockchain and artificial intelligence (AI) to gene editing and the Internet of Things (IoT), these advances come with tremendous opportunities for improvement in productivity, efficiency, and human well-being. But as scandals increasingly demonstrate, these advances also introduce new and serious risks of conflict and harm.Technology professionals now face growing demands to identify and mitigate ethical risks to human rights and the environment, as well as to navigate ethical tradeoffs between qualities such as privacy and accuracy, fairness and utility, and safety and accountability. This course provides the tools to identify and manage common ethical risks in the development of emerging data-driven technologies. It distills ethical theory, public regulations, and industry best practices into concrete skills and guidelines needed for the responsible development of digital products and services. By following the course's practical, problems-based approach, learners will become adept at applying theories, principles, frameworks, and techniques in their own roles and organizations.

About This Course

Mutually reinforcing innovations in computing and engineering are catapulting advances in technological production. From blockchain and artificial intelligence (AI) to gene editing and the Internet of Things (IoT), these advances come with tremendous opportunities for improvement in productivity, efficiency, and human well-being. But as scandals increasingly demonstrate, these advances also introduce new and serious risks of conflict and harm.Technology professionals now face growing demands to identify and mitigate ethical risks to human rights and the environment, as well as to navigate ethical tradeoffs between qualities such as privacy and accuracy, fairness and utility, and safety and accountability. This course provides the tools to identify and manage common ethical risks in the development of emerging data-driven technologies. It distills ethical theory, public regulations, and industry best practices into concrete skills and guidelines needed for the responsible development of digital products and services. By following the course's practical, problems-based approach, learners will become adept at applying theories, principles, frameworks, and techniques in their own roles and organizations.

Who Should Attend

This course is designed for technology leaders, solution developers, project managers, organizational decision makers, and other individuals seeking to demonstrate a vendor-neutral, cross-industry understanding of ethics in emerging data-driven technologies, such as AI, robotics, IoT, and data science. This course is also designed for professionals who want to pursue the CertNexus Certification Exam CET-110: Certified Ethical Emerging Technologies.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

In this course, you will incorporate ethics into data-driven technologies such as AI, IoT, and data science. You will:

Describe general concepts, theories, and challenges related to ethics and emerging technologies.

Identify ethical risks.

Practice ethical reasoning.

Identify and mitigate safety and security risks.

Identify and mitigate privacy risks.

Identify and mitigate fairness and bias risks.

Identify and mitigate transparency and explainability risks.

Identify and mitigate accountability risks.

Build an ethical organization.

Develop ethical systems in technology-focused organizations.

Detailed Course Outline

Introduction to Ethics of Emerging Technologies

- Topic A: Whats at Stake
- Topic B: Ethics and Why It Matters
- Topic C: Ethical Decision-Making in Practice
- Topic D: Causes of Ethical Failures

Identifying Ethical Risks

- Topic A: Ethical Reasons
- Topic B: Stumbling Blocks for Ethical Reasoning
- Topic C: Identify Ethical Risks in Product Development
- Topic D: Tools for Identifying Ethical Risks
- Topic E: Use Regulations, Standards, and Human Rights to Identify Ethical Risks

Ethical Reasoning in Practice

- Topic A: Ethical Theories
- Topic B: Use Ethical Decision-Making Frameworks
- Topic C: Select Options for Action
- Topic D: Avoid Problems in Ethical Decision-Making

Identifying and Mitigating Security Risks

- Topic A: What Is Security
- Topic B: Identify Security Risks
- Topic C: Security Tradeoffs
- Topic D: Mitigate Security Risks

Identifying and Mitigating Privacy Risks

- Topic A: What Is Privacy
- Topic B: Identify Privacy Risks
- Topic C: Privacy Tradeoffs
- Topic D: Mitigate Privacy Risks

Identifying and Mitigating Fairness and Bias Risks

- Topic A: What Are Fairness and Bias
- Topic B: Identify Bias Risks
- Topic C: Fairness Tradeoffs
- Topic D: Mitigate Bias Risks

Identifying and Mitigating Transparency and Explainability Risks

- Topic A: What Are Transparency and Explainability
- Topic B: Identify Transparency and Explainability Risks
- Topic C: Transparency and Explainability Tradeoffs
- Topic D: Mitigate Transparency and Explainability Risks

Identifying and Mitigating Accountability Risks

- Topic A: What Is Accountability
- Topic B: Identify Accountability Risks
- Topic C: Accountability Tradeoffs
- Topic D: Mitigate Accountability Risks

Building an Ethical Organization

- Topic A: What Are Ethical Organizations
- Topic B: Organizational Purpose
- Topic C: Ethics Awareness
- Topic D: Develop Professional Ethics within Organizations

Developing Ethical Systems in Technology-Focused Organizations

- Topic A: Policy and Compliance
- Topic B: Metrics and Monitoring
- Topic C: Communication and Stakeholder Engagement
- Topic D: Ethical Leadership

□□ Certification Path

Certified Ethical Emerging Technologist (CEET)

Exam: EET-110

Additional Course Details

Nexus Humans CertNexus Certified Ethical Emerging Technologist (CEET) v1.0 training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the CertNexus Certified Ethical Emerging Technologist (CEET) v1.0 course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for CertNexus Certified Ethical Emerging Technologist (CEET) v1.0?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The CertNexus Certified Ethical Emerging Technologist (CEET) v1.0 course helps prepare you for the Certified Ethical Emerging Technologist (CEET) certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the EET-110 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day CertNexus Certified Ethical Emerging Technologist (CEET) v1.0 course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the CertNexus Certified Ethical Emerging Technologist (CEET) v1.0 training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for CertNexus Certified Ethical Emerging Technologist (CEET) v1.0?

Yes, we provide corporate training, dedicated training, and closed classes for CertNexus Certified Ethical Emerging Technologist (CEET) v1.0. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for CertNexus Certified Ethical Emerging Technologist (CEET) v1.0?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your CertNexus Certified Ethical Emerging Technologist (CEET) v1.0 training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

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