5 Days

Certified Ethical Emerging Technologist™ (CEET)

Upcoming Sessions

16-20 Jun 2025	London - UK	$5,950

Training Details

Training Course Overview

Symbiotic advancements in computing and engineering are propelling technological progress to new heights. From blockchain and artificial intelligence (AI) to gene editing and the Internet of Things (IoT), these breakthroughs offer vast potential for enhancing productivity, efficiency, and human welfare. However, alongside these opportunities, recent scandals underscore the emergence of significant risks, including conflicts and harm.

In response, technology professionals are increasingly tasked with recognizing and addressing ethical risks to human rights, environmental sustainability, and navigating complex trade-offs. This Anderson course equips participants with the tools to identify and mitigate ethical dilemmas inherent in the development of emerging data-driven technologies. Drawing from ethical theory, regulatory frameworks, and industry standards, the course provides practical skills and guidelines necessary for ethically responsible innovation.

Through a problem-based learning approach, participants will master the application of theories, principles, and techniques, enabling them to navigate ethical challenges within their respective roles and organizations effectively.

To ensure your success in this course, specific prerequisites are mandatory to take. The program prerequisites can be accessed and viewed by visiting the following hyperlinked file: CEET Prerequisites***, and*** CertNexus Exam Blueprints**.**

Training Course Objectives

In this Anderson training 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.

Designed For

This Anderson training 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.

Training Details

Day One:

Introduction to Ethics of Emerging Technologies

- What's at Stake
- Ethics and Why It Matters
- Ethical Decision-Making in Practice
- Causes of Ethical Failures

Identifying Ethical Risks

- Ethical Reasons
- Stumbling Blocks for Ethical Reasoning
- Identify Ethical Risks in Product Development
- Tools for Identifying Ethical Risks
- Use Regulations, Standards, and Human Rights to Identify Ethical Risks

Day Two:

Ethical Reasoning in Practice

- Ethical Theories
- Use Ethical Decision-Making Frameworks
- Select Options for Action
- Avoid Problems in Ethical Decision-Making

Identifying and Mitigating Security Risks

- What Is Security?
- Identify Security Risks
- Security Tradeoffs
- Mitigate Security Risks

Day Three:

Identifying and Mitigating Privacy Risks

- What Is Privacy?
- Identify Privacy Risks
- Privacy Tradeoffs
- Mitigate Privacy Risks

Identifying and Mitigating Fairness and Bias Risks

- What Are Fairness and Bias?
- Identify Bias Risks
- Fairness Trade-offs
- Mitigate Bias Risks

Day Four:

Identifying and Mitigating Transparency and Explainability Risks

- What Are Transparency and Explainability?
- Identify Transparency and Explainability Risks
- Transparency and Explainability Trade-offs
- Mitigate Transparency and Explainability Risks

Identifying and Mitigating Accountability Risks

- What Is Accountability?
- Identify Accountability Risks
- Accountability Tradeoffs
- Mitigate Accountability Risks

Day Five:

Building an Ethical Organization

- What Are Ethical Organizations?
- Organizational Purpose
- Ethics Awareness
- Develop Professional Ethics within Organizations

Developing Ethical Systems in Technology-Focused Organizations

- Policy and Compliance
- Metrics and Monitoring
- Communication and Stakeholder Engagement
- Ethical Leadership

Accreditation

The Certificate

- Anderson Certificate of Completion for delegates who attend and complete the training course
- CertNexus Certificate will be issued to those delegates who successfully pass Exam CET-110

INFO & IN-HOUSE SOLUTION

For more information about this course, call or email us at:

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Email: info@anderson.ae

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