

COURSE DETAIL

CYBER SECURITY: THE BASICS OF ETHICAL HACKING

Country

United Kingdom - England

Host Institution

University of Cambridge, Pembroke College

Program(s)

Summer in Cambridge

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Sociology Computer Science

UCEAP Course Number

108

UCEAP Course Suffix

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UCEAP Official Title

CYBER SECURITY: THE BASICS OF ETHICAL HACKING

UCEAP Transcript Title

ETHICAL HACKING

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

Ethical hacking tests the vulnerabilities of an organization's network. It is more than using IT, but involves an understanding of the psychological and sociological frameworks within which uses that network functions. This explores the basics of hacking and Open Source Intelligence gathering techniques, and teaches students how to use these skills practically and within legal boundaries of the European Union. Both theoretical and practical aspects of (ethical) hacking are covered with an emphasis on follow-through.

Language(s) of Instruction

English

Host Institution Course Number

Host Institution Course Title

CYBER SECURITY: THE BASICS OF ETHICAL HACKING

Host Institution Course Details

<https://www.pem.cam.ac.uk/international-programmes/pembroke-cambridge-summer-pr...>

Host Institution Campus

Host Institution Faculty

Social Sciences

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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