COURSE DETAIL

TRUST AND SECURITY IN A DIGITAL WORLD: FROM FAKE NEWS TO CYBER CRIMINALS

Country
United Kingdom - England

Host Institution
University of Manchester

Program(s)
University of Manchester

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
138

UCEAP Course Suffix

UCEAP Official Title
TRUST AND SECURITY IN A DIGITAL WORLD: FROM FAKE NEWS TO CYBER CRIMINALS

UCEAP Transcript Title
TRUST DIGITAL WORLD

UCEAP Quarter Units
4.00

UCEAP Semester Units
2.70

Course Description
Rapid advances in technology and connectivity have led to new opportunities in every aspect of life, from manufacturing, finance and retail, to education, media, and politics. Digital technologies and services profoundly influence our lives and improve our world in countless ways. But these advances also raise challenges. What do our digital footprints reveal, and who is trying to exploit them? How do new technologies offer new opportunities for cybercriminals to steal our data, our money, and our identities, lock us out of our homes, poison our water, and switch off our lights? How does the use of digital media change the nature of democracy and affect trust in democratic systems and established authorities? And what technical, behavioral and legal measures are available to prevent harm and maintain trust in digital systems? This unit explores the risks to security in our super-connected, data-driven world and what can be done to preserve trust in our digital environment.

Language(s) of Instruction
English

Host Institution Course Number
UCIL20132

Host Institution Course Title
TRUST AND SECURITY IN A DIGITAL WORLD: FROM FAKE NEWS TO CYBER CRIMINALS

Host Institution Course Details

Host Institution Campus
Manchester

Host Institution Faculty

Host Institution Degree

Host Institution Department
University College for Interdisciplinary Learning

Course Last Reviewed

Print