

# Com

Computer  
Science



UNIVERSITY  
*of York*

Europe Campus

**CITY College**

# Professional Development Seminar

**Monday, 21 November 2022**

**19:00-21:00, LR8.3, 8th Floor (Sofou Bldg)**



## Neural Networks and Deep Learning

**Dr Kostas Dimopoulos**

Associate Professor, Academic Director PG Courses and  
Principal Ethics Administrator, Computer Science Department

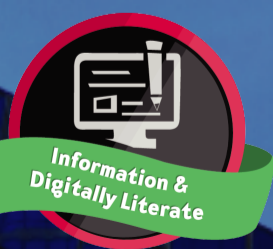
The aim of this seminar is to introduce the concept of the Artificial Neural Network (ANN), explain how an ANN works, and is trained to perform pattern recognition. We will be covering the major training algorithms, forms and architectures, as well applications. Finally we will discuss what is deep learning, and how it is different from traditional ANNs.



**Knowledgeable**



**Ethical**



**Information &  
Digitally Literate**



**Lifelong Learner**



**Reflective &  
Self Aware**



**Professional &  
Adaptable**

- Participation is compulsory for Level 3 CS students
- Upon completion of the seminar series, certificates will be provided to attendees