CRITICAL THINKING: AN ONLINE COURSE

MODULE ONE: WHY BOTHER THINKING TWICE?
- Introducing critical and uncritical thinking
- Introducing objectivity and scepticism
- Introducing fast and slow thinking

MODULE TWO: WHAT’S THE POINT OF ARGUMENTS?
- Spotting arguments
- Reconstructing an argument
- Premise or conclusion?
- Challenging assumptions

MODULE THREE: HOW CAN I ARGUE MY CASE?
- Being reasonable
- Reasoning with logic and certainty (deductive arguments)
- Reasoning with evidence and probability (inductive arguments)
- Evaluating arguments

MODULE FOUR: WHAT’S THE BEST EXPLANATION?
- Explanations, hypotheses and theories
- Evidence and proof
- Causation and correlation

MODULE FIVE: WHAT’S WRONG WITH MAKING ASSUMPTIONS?
- The power of rhetoric and persuasion
- Seeing through faulty reasoning
- Understanding and overcoming bias

MODULE SIX: INFORMATION OVERLOAD?
- The digital context
- Making sense of what we are told
- Apply critical thinking in digital research