

# ETANDON (ETND-NY)

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## ETND-NY 100 Neuropsychology of Brain Injury (0 Credits)

Explains the different types of brain injury, including their neuropathology, symptoms, treatment, and prevention strategies.

**Grading:** SPS Non-Credit Pass/Fail

**Repeatable for additional credit:** Yes

## ETND-NY 110 Applied Cryptography (0 Credits)

Provides a summary introduction to modern cryptography, its main problems, solutions, and open questions with a heavy focus on application aspects, including real-life uses of modern cryptography solutions.

**Grading:** SPS Non-Credit Pass/Fail

**Repeatable for additional credit:** Yes

## ETND-NY 120 Behavioral Finance: Using Psychology in the Market (0 Credits)

Introduces the concept of behavioral finance and its history as well as the definition of rationality and what it means to be "rational," focusing on questions of arbitrage, limits to arbitrage, market over- and under-reaction, common investor biases, and the way in which investors' decision-making deviates from the rational process.

**Grading:** SPS Non-Credit Pass/Fail

**Repeatable for additional credit:** Yes

## ETND-NY 130 Bioinformatics: How to Analyze the Human Genome (0 Credits)

This course provides an introduction to the human genome, including both description of relevant concepts as well as practical experience using Web-based bioinformatics tools to analyze DNA and protein sequences.

**Grading:** SPS Non-Credit Pass/Fail

**Repeatable for additional credit:** Yes

## ETND-NY 140 Cognition and the Aging Brain (0 Credits)

This course explains the processes underlying healthy brain aging, how healthy aging is differentiated from dementia and how the major dementia syndromes are recognized.

**Grading:** SPS Non-Credit Pass/Fail

**Repeatable for additional credit:** Yes

## ETND-NY 150 Cosmic Frontiers I (0 Credits)

This course offers an introduction to cutting-edge research in modern astrophysics and black hole physics from the front lines of those investigations

**Grading:** SPS Non-Credit Pass/Fail

**Repeatable for additional credit:** Yes

## ETND-NY 160 Cosmic Frontiers II (0 Credits)

This course offers an introduction to cutting-edge research in modern astrophysics and black hole physics from the front lines of those investigations

**Grading:** SPS Non-Credit Pass/Fail

**Repeatable for additional credit:** Yes

## ETND-NY 170 Disaster Management (0 Credits)

This course will explain the guidelines, plans and resources available through FEMA for the entire community to work together to build a safer future

**Grading:** SPS Non-Credit Pass/Fail

**Repeatable for additional credit:** Yes

## ETND-NY 180 Human Memory: Insights from Neuroscientific Research (0 Credits)

This course will discuss what is currently known about human memory processes, with an emphasis on neuroscientific research

**Grading:** SPS Non-Credit Pass/Fail

**Repeatable for additional credit:** Yes

## ETND-NY 190 Mysteries of the Universe (0 Credits)

This course will give a wide perspective of our modern understanding of the universe, beginning with a historical look at how scientists came to this understanding and moving into the exciting new theories and questions being explored using particle accelerators like the Large Hadron Collider

**Grading:** SPS Non-Credit Pass/Fail

**Repeatable for additional credit:** Yes

## ETND-NY 200 Online Learning: Technology and the Future of Education (0 Credits)

This course will discuss the changing nature of learning with technology

**Grading:** SPS Non-Credit Pass/Fail

**Repeatable for additional credit:** Yes

## ETND-NY 210 The Psychology of Creativity (0 Credits)

Students will examine how psychological and neuroscience research questions the "mystical quality" view of creativity by attempting to understand the cognitive processes involved in creative thought.

**Grading:** SPS Non-Credit Pass/Fail

**Repeatable for additional credit:** Yes