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: 419-530-2684

: Fall, 2019

: [Blackboard Learn](#)

: UH 1610

: Monday-Wednesday, 9:35-10:55

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## CATALOG/COURSE DESCRIPTION

This course covers the history of neuroscience, beginning with the Third Dynasty of ancient Egypt (which began about 2700 B.C) and ending with the current era.

Neuroscience is the study of the physiological basis behavior that began over 4000 years ago as part of the study of medicine. We will cover the various views beginning with the idea that the heart was the seat of the soul (consciousness). It gradually became accepted that the brain was responsible for behavior and the search was on to discover which areas of the brain were involved in the various sensory, motor, and cognitive functions. It was in the late 19<sup>th</sup> century that our modern view of the brain began to take shape. This course will cover the evolution of our ideas concerning the brain and what we currently know about how it functions.

## STUDENT LEARNING OUTCOMES

Students will learn the history of our views of the physiological basis of behavior. They will see how it evolved over the centuries. Particularly important, they will learn how the type of research studies and the development of new equipment for studying the anatomy and physiology of the body led to our current understanding of the brain and behavior.

## TEACHING METHODOLOGY

The course will be taught using PowerPoint files along with lectures or question and answer sessions to ensure that students understand the material. Questions will also be given to the students to assess their understanding

## PREREQUISITES AND COREQUISITES

Although there are currently no prerequisites for the course, some familiarity with neuroscience is strongly recommended. A general knowledge of history and geography is also helpful.

## TEXTS AND ANCILLARY MATERIALS

The textbook for the course is: Finger, Stanley (2000). Minds Behind the Brain: A History of the Pioneers and Their Discoveries. Oxford University Press.

This book is available





