COURSE DETAIL

NEUROLOGICAL REHABILITATION
Country Ireland
Host Institution Trinity College Dublin
Program(s) Trinity College Dublin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Psychology Health Sciences
UCEAP Course Number 153
UCEAP Course Suffix
UCEAP Official Title NEUROLOGICAL REHABILITATION
UCEAP Transcript Title NEUROLOGICAL REHAB
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description

This course covers approaches to meeting the needs of people with neurological disorders and progressive neurological diseases. As the production of purposeful goal directed movement pervades all aspects of behavior, there is a specific focus upon the physical, psychological, and social consequences of movement dysfunction. The course deals with the scientific principles underlying neurological rehabilitation, including motor control and learning. Students are also introduced to intervention strategies that are designed to maintain or re-establish functional capability, such as brain-computer interfaces, robot assisted therapy, deep brain stimulation, and cortical stimulation.

Language(s) of Instruction
English

Host Institution Course Number
PSU3A59V

Host Institution Course Title
NEUROLOGICAL REHABILITATION

Host Institution Course Details
https://www.tcd.ie/students/orientation/visiting-exchange/module-directory/Psyc...

Host Institution Campus
Trinity

Host Institution Faculty

Host Institution Degree

Host Institution Department
Psychology

Course Last Reviewed
2022-2023

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