Tuition
- Tuition is assessed per credit and University technology and library fees are assessed each semester. For current fees, visit www.jefferson.edu/registrar/tuition.cfm.
- Employers may have funds budgeted to pay for tuition, either as tuition reimbursement programs or continuing education funds.
- Jefferson alumni receive a 25% tuition discount.

Professional Development Units
Professional Development Units (PDU) for these courses are available through your professional organization.

For more information:
www.jefferson.edu/occupational_therapy/certificates
Email: OTD-apc@jefferson.edu
Or call 215-503-9611

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Advanced Practice Certificate
Neuroscience: Advanced Concepts for Evidence-Based Practice

Offered by the Department of Occupational Therapy
Advanced Practice Certificate
Neuroscience

• Update knowledge in neuroscience
• Understand and use neuroscience evidence
• Change your practice
• Advance your skills in assessment and data-driven interventions

The specialty certificate is designed for registered and licensed clinicians who wish to participate in advanced study of neuroscience and neuro-based intervention strategies. Courses are taught by experts in the field.

Program features:
• Four graduate level courses (a total of 12 credits)
• Courses are given in 8-week blocks (except course 1 which is a 14-week block) starting in September or January
• The certificate can be completed in 12 months
• Designed for busy professionals; all courses are 100% online

The Jefferson Difference
• Technology and information. Students use the latest distance learning tools including discussion boards, synchronous online presentations and live chat to participate in a community of learners. They also have access to professional literature through the Scott Memorial Library and experts on topics such as motor learning, sensory integration and constrained induced movement therapy.

Curriculum
The curriculum consists of four graduate-level courses (a total of 12 credits) that can be used toward a doctoral degree.

Course Descriptions
OT 778 Advanced Evidence-Based Practice (EBP) (3 credits – 14 weeks)
• Generate relevant clinical questions derived from current evidence-based practice arena
• Conduct in-depth literature reviews, critical analysis and synthesis of the best current evidence to facilitate and promote EBP
• Apply evidence to your practice setting
• Develop an action plan to promote EBP in your practice arena

OT 751 Foundations of Neuroscience (3 credits – 8 weeks)
• Update your knowledge in neuroscience
• Participate in a virtual neuroscience laboratory that includes an overview of functional and structural neuroscience
• Apply this knowledge to your specialized area of practice
• Learn key concepts of neuroplasticity and their implications for your practice

OT 753 Advanced Concepts in Neuroscience I (3 credits – 8 weeks)
• Study the theoretical knowledge that guides practice with clients with various neurological disorders
• Explore concepts such as motor learning, motor control, cognition, memory, learning and perception
• Learn to use assessment data to drive evidence-based interventions
• Apply new concepts to your practice through class activities

OT 754 Advanced Concepts in Neuroscience II (3 credits – 8 weeks)
• Apply neuroscience principles to your specialized area of practice
• Learn strategies to identify, plan and document neuro-based strategies
• Apply a systematic clinical reasoning process, including hypothesis generation and testing, to clinical practice
• Apply these skills to practice through development of an in-depth case report for publication