



Cambridge College certificate of completion

Applied Neuroscience

12 credits • 1 term

- EED647 Human Brain/Human Learning **or**
(new) Neuroanatomy & Neurophysiology of Brain Behavior 3
- (new) Introduction to Neurofeedback: Hands-On Approach . . . 3
- EED641 The Brain & Irlen Syndrome. 3
- (new) The Brain, Irlen Syndrome & Neurotherapy 3

Educators, school nurses, healthcare workers, therapists and counselors will gain updated knowledge about the brain, and practical applications of current research in EEG neurofeedback, scotopic sensitivity syndrome and brain-based classroom Instruction to their work with children and adults. Courses include hands-on experience.



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Mathematics Specialist

12 credits • 1 term

Choose math specialist option in elementary/middle school or high school math, and take courses as outlined below.

3-credit courses for your Math Specialist choice		Elem/Middle School	High School
MAT603	Arithmetic to Algebra: Developing Math Patterns & Ideas ●		
MAT623	Numerical & Geometric Structures ●		
MAT615	History of Math ● ●		
MAT708	Diagnosis & Remediation of Learning Problems in Math ● ●		
MAT611	Calculus I ●		
MAT609	Euclidean Geometry ●		

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English as a Second Language

12 credits • 1 term

- ESL631 Second-Language Acquisition & Culture 3
- ESL635 Sheltered English Instruction & Assessment 3
- ESL620 Teaching Reading and Writing to Limited English
Proficient Students 3
- ESL630 Equitable Assessment of English Language Learners . . . 3

These courses develop the skills and knowledge described in the four major professional development categories outlined in the June 15, 2004 memo from the Massachusetts Commissioner of Education entitled "Guidance on Qualifications for Teachers in Sheltered English Immersion Classrooms."

Admission requirements: Bachelor's degree and other general requirements (see Admission).

Programs and course schedules subject to change without notice.

Certificate and degree options: These courses may be taken as a Cambridge College certificate of completion, or evaluated for transfer into a Master of Education degree program. Courses must meet current program requirements at time of matriculation.

Cambridge College School of Education

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