

Graduate Certificate in Virtual Worlds

Course Listing

List all courses required for the program, including those from departments outside the program, by course number and title. Include credit hours for each course.

Required courses	Course title	Credit hours	comments
CED 515	Computer Applications for Educators	3	Course exists and is also required for the full MS degree in computer education
CED 565	The Internet and Education	3	Course exists and is also required for the full MS degree in computer education
CED 551	Exploring Virtual Worlds in Education (new title)	3	Course exists and is an elective within the MS degree in computer education program
CED 552	Creating a Presence in a Virtual World	3	<u>New course</u> – needs to be designed, if approved. This course will be an elective within the MS degree in computer education program.
CED 553	An Immersive Experience in a Virtual Learning Community	3	<u>New course</u> – needs to be designed, if approved. This course will be an elective within the MS degree in computer education program.

Expected outcomes

Upon earning the certificate students will be able to

- Successfully participate in a current virtual world. As of the date of submission of this motion, the virtual world is Second Life.
- Lead a group into a successful Second Life experience.
- Provide training to understand and participate in a virtual world culture.
- Create and produce virtual environments for educational and training needs.
- Research and analyze the issues and behaviors that are part of virtual world communities.

Graduate Certificate in Instructional Technology

Course Listing

List all courses required for the program, including those from departments outside the program, by course number and title. Include credit hours for each course.

Required courses	Course title	Credit hours	comments
CED 515	Computer Applications for Educators	3	Course exists and is also required for the full MS degree in computer education
CED 565	The Internet and Education	3	Course exists and is also required for the full MS degree in computer education
CED 566	Web Project Design Principles	3	Course exists and is an elective within the MS in computer education program.
CED 575	Multimedia Productions	3	Course exists and is an elective within the MS in computer education program.
CED 592	Online Course Design and Teaching	3	Course exists and is an elective within the MS in computer education program.
CED 587	Instructional Design and Technology	3	<u>New course</u> – needs to be designed, if approved. This course will be an elective within the MS in computer education program.

Expected outcomes

Upon earning the certificate students will be able to

- Present training, both online and face to face, that uses technology to inform, motivate and prepare learners.
- Apply best practices in instructional design to the creation of technology training for individual in education and business.
- Identify and describe tools that impact the design and delivery of instruction.
- Demonstrate proficiency in the development of instructionally effective multimedia products