



ACADEMIC ALERT #2008-12

DATE: June 2008

DECISION: National College of Education (NCE)
Revised M.Ed., C.A.S., M.S.Ed. Technology in Education (TIE)

RATIONALE:

Faculty redesigned the program curriculum to incorporate new technologies and address the needs of students. The revised program consists of core courses providing a strong foundation in educational philosophy and instructional design, centering on technology integration. This redesigned program is intended to better prepare teachers for the 21st century classroom. Under this revision, TIE students have expanded elective opportunities that will focus on technology skill development. The total number of required semester hours does not change, but updated and newly added courses highlight the program's focus on effective classroom integration and the application of the best available technologies in the curriculum.

APPROVALS: Senate Academic Planning Committee: May 15, 2008
Point of Information; No other approvals required.

PROGRAM AUTHORIZATIONS:

The program is authorized to be offered in the following Illinois Regions: Chicago; North Suburban; West Suburban; South Metropolitan; and Fox Valley (M.Ed. and C.A.S. only in Fox Valley).

IMPLEMENTATION DATE: Fall Term, 2008

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SIGNATURE

Carol R. Melnick, Ph.D.
Vice Provost

SUMMARY OF REVISIONS

Semester Hour Changes

- TIE532 Applications of Technology in Schools course was increased from 2SH to 3SH for new students. UCO is for 2-3 SH variable; 2 SH for current students. TIE532 now includes course content from previously-offered courses--TIE557 (Understanding Networking in the Schools) and TIE553 (Digital Images and Video as Classroom Resources).
- TIE533 Technology Based Analysis and Data-based Decision Making course was decreased from 3 SH hours to 2 SH for new students. UCO is for 2-3 SH variable; 3 SH for current students. The problem-solving component of TIE533 is now included in TIE512.
- TIE535 Instructional Design for Integrating Technology was increased from 2 SH to 3 SH for new students; no current students taking the course. TIE535 enables stronger focus on instructional design and technology as the foundation for the TIE program.
- TIE 542 Internet Resources for Teaching and Learning was increased from 2 SH to 3 SH for new students. UCO is for 2-3 SH variable; 2 SH for current students. The course combines Internet resources with web development skills from TIE 547 Creating Web-based Instructional Environments.
- TIE575 Leading Staff Development in Educational Technology was increased from 2 SH to 3 SH for new students; no current students taking the course. TIE575 enables TIE graduates to become technology leaders in their schools, conducting professional development opportunities for other teachers.

Courses Updated and Added to the Revised Program

- TIE512 Using Technology for Inquiry Learning and Problem Solving reinforces program focus on 21st century technology learning skills.
- TIE535 Instructional Design for Integrating Technology enables stronger focus on instructional design and technology as the foundation for the TIE program.
- TIE575 Leading Staff Development in Educational Technology enables TIE graduates to become technology leaders in their schools, conducting professional development opportunities for other teachers.

Courses Removed from TIE Curriculum but Not From Catalog (content absorbed in other courses)

- TIE536 Integrating Technology Across the Curriculum (replaced by TIE535)
- TIE553 Digital Images and Video as Classroom Resources (combined with TIE532 and TIE544)
- TIE547 Creating Web-based Instructional Environments (combined with TIE542)
- TIE557 Understanding Networks in Schools (combined with TIE532)

Technology in Education M.Ed. 34 SH

Course Code	Course Title	SH
Term I		
EPS541	Cognition and Instruction (core course; offered 2-3 SH)	2
TIE532	Applications of Technology in Schools (Formerly Computer/Technology Systems and Related Peripherals in Instructional Settings) (2-3 SH course; current students take for 2; new students take for 3)	3 (Formerly 2SH)
Term II		
TIE535	Instructional Design for Integrating Technology Across the Curriculum (Formerly Teaching with Technology Across the Curriculum)	3 (Formerly 2SH)
TIE533	Technology Based Analysis and Data-based Decision Making (Formerly Application Tools for Inquiry Learning) (2-3 SH course; current students take for 3; new students take for 2)	2 (Formerly 3SH)
Term III		
FND511	Social and Cultural Politics of Education: Personal and Contextual Perspectives (Core Course)	3
	Elective Workshop*	1
Term IV		
TIE542	Designing Internet Resources for Teaching & Learning (Formerly Learning Experiences on the Internet K-12) (2-3 SH course; current students take for 2; new students take for 3)	3 (Formerly 2SH)
	Elective Workshop*	1
Term V		
TIE544	Curriculum Applications of Multimedia Authoring (Formerly Curriculum Applications of Hypermedia/Multimedia)	3
	Elective Workshop*	1
Term VI		
TIE575	Leading Staff Development in Educational Technology	3 (Formerly 2SH)
TIE512	Using Technology for Inquiry Learning and Problem Solving (Formerly Problem Solving with Microcomputers)	2
Term VII		
ESR505	Educational Inquiry and Assessment	3
Term VIII		
TIE593	Technology Specialist Seminar and Internship (Formerly Seminar in Technology in Education)	3
TIE592	Portfolio Development Seminar	1
Total Semester Hours		34

Technology in Education C.A.S. 30 SH

Course Code	Course Title	SH
Term I		
TIE532	Applications of Technology in Schools (Formerly Computer/Technology Systems and Related Peripherals in Instructional Setting) (2-3 SH course; current students take for 2; new students take for 3)	3 (Formerly 2SH)
Term II		
TIE535	Instructional Design for Integrating Technology Across the Curriculum (Formerly Teaching with Technology Across the Curriculum)	3 (Formerly 2SH)
TIE533	Technology Based Analysis and Data-based Decision Making (Formerly Application Tools for Inquiry Learning) (2-3 SH course; current students take for 3; new students take for 2)	2 (Formerly 3SH)
Term III		
	Elective Workshop*	1
Term IV		
TIE542	Designing Internet Resources for Teaching & Learning (Formerly Learning Experiences on the Internet K-12) (2-3 SH course; current students take for 2; new students take for 3)	3 (Formerly 2SH)
	Elective Workshop*	1
Term V		
TIE544	Curriculum Applications of Multimedia Authoring (Formerly Curriculum Applications of Hypermedia/Multimedia)	3
	Elective Workshop*	1
Term VI		
TIE575	Leading Staff Development in Educational Technology	3 (Formerly 2SH)
TIE512	Using Technology for Inquiry Learning and Problem Solving (Formerly Problem Solving with Microcomputers)	2
Term VII		
EDL546	Perspectives on and Administration of Educational Policies (core course)	3
	Elective Workshop*	1
Term VIII		
TIE593	Technology Specialist Seminar and Internship (Formerly Seminar in Technology in Education)	3
TIE592	Portfolio Development Seminar	1
	Total Semester Hours	30

***Approved Electives for M.Ed. and C.A.S.**

TIE550	Desktop Publishing for the Classroom	1SH
TIE583	Wkshp/TIE/Contemporary Issues	1SH
TIE584	Wkshp/TIE/Curriculum Materials	1SH
TIE585	Wkshp/TIE/Instructional Practices	1SH
TIE594	Independent Study/Technology in Education	1-3SH
TIE595	Selected Topics/Technology in Education	1-3SH
SPE545	Assistive Technology	2SH

Technology in Education M.S. Ed. 36 SH

Course Code	Course Title	SH
Term I		
FND511	Social and Cultural Politics of Education: Personal and Contextual Perspectives (core course)	3
TIE535	Instructional Design for Integrating Technology Across the Curriculum (Formerly Teaching with Technology Across the Curriculum)	3 (Formerly 2SH)
Term II		
TIE533	Technology Based Analysis and Data-based Decision Making (Formerly Application Tools for Inquiry Learning) (2-3 SH course; current students take for 3; new students take for 2)	2 (Formerly 3SH)
ESR505	Educational Inquiry and Assessment (core course)	3
Term III		
TIE542	Designing Internet Resources for Teaching and Learning (Formerly Learning Experiences on the Internet K-12) (2-3 SH course; current students take for 2; new students take for 3)	3 (Formerly 2SH)
EPS541	Cognition and Instruction	2
Term IV		
TIE544	Curriculum Applications of Multimedia Authoring (Formerly Curriculum Applications of Hypermedia/Multimedia)	3
Term V		
TIE575	Leading Staff Development in Educational Technology	3 (Formerly 2SH)
ESR503	Applied Research Methods for Educational Psychologists	2
Term VII		
TIE512	Using Technology for Inquiry Learning and Problem Solving (Formerly Problem Solving with Microcomputers)	2
TIE532	Applications of Technology in Schools (2SH version) (Formerly Computer/Technology Systems and Related Peripherals in Instructional Setting)	2
Term VIII		
TIE593	Technology Specialist Seminar and Internship (Formerly Seminar in Technology in Education)	3
TIE592	Portfolio Development Seminar	1
Term IX		
TIE599	Thesis/Technology in Education (2SH thesis course taken twice: core course)	4 (total)
Total Semester Hours		36

Implementation

The revised degree programs need to be entered in Banner and CAPP.

The revisions need to be incorporated in marketing materials, and made to NLU's website.

The revised catalog copy will be written and submitted to the Vice Provost and Assistant Registrar for Schedules and Catalogs to ensure that catalog copy is prepared and ready for the next catalog, 2009-2010.