ACADEMIC ALERT #2003-26

DATE: **November, 2003**
DECISION: **National College of Education**

Revised Technology in Education Program M.Ed., M.S.Ed. and C.A.S.

Senate Academic Planning Committee Approval: March 13, 2003
Faculty Senate Approval: March 19, 2003

Rationale
Technology in Education (TIE) faculty revised/updated the program, and addressed new standards for Technology Facilitation recently released by the specialized professional association (International Society for Technology in Education, ISTE) that reviews and approves accreditation through the National Council for Accreditation of Teacher Education (NCATE). National Recognition for the TIE program was received from ISTE/NCATE in July 2003.

The State of Illinois approved the new certification category of Technology Specialist. This new certification is available beginning July 1, 2004. The TIE faculty have aligned their revised program with the Illinois State Board of Education (ISBE) Technology Specialist certification standards. However, the revised TIE program has not yet been approved by ISBE for certification. When the revised TIE program receives ISBE approval for Technology Specialist certification, students may choose to receive a Master's degree or C.A.S. in Technology in Education but not apply for certification; or choose to receive a Master's degree or C.A.S. in Technology in Education and apply for certification. Students who want to be certified as a Technology Specialist, will have to have a teaching certificate to enter the program. Students will have to complete an approved program and pass a state test in order to be certified.

Current Program Authorizations
The university currently has authorization to offer the M.Ed., M.S.Ed and C.A.S in Technology in Education in the following Illinois regions: Chicago, North Suburban, West Suburban, and Fox Valley regions.

IMPLEMENTATION DATE: Effective Immediately; November 25, 2003

CONTACT: **Dr. Arlene Borthwick, Associate Professor and Program Director, Technology in Education, ext. 5025**

SIGNATURE

Carol R. Melnick, Ph.D.
Vice Provost

Revised Technology in Education Degree Programs

	M.Ed.	M.S.Ed.	C.A.S.
Core Course Requirements	8 SH	12 SH	3 SH
Program Requirements	26 SH	24 SH	26 SH
Total Required Minimum SH Credits for Degree	34 SH	36 SH	29 SH (1 SH less than prior program)

Core Requirements for Revised M.ED., M.S.Ed. and C.A.S.
Technology in Education Program

Master of Education (M.Ed.)

Course Code	Course Title	Semester Hours
EPS506	Graduate research: Interpretive/Critical	2
EPS507	Graduate research: Empirical/Quantitative	2
EPS541	Cognition and Instruction	2
FND505	Perspectives on Contemporary Issues	2

Master of Science in Education (M.S.Ed.)

Course Code	Course Title	Semester Hours
ESR502	Statistical Methods in Education	2
ESR503	Research Design Analysis	2
ESR506	Graduate Research: Interpretive/Critical	2
FND505	Perspectives on Contemporary Issues	2
TIE599	Thesis/Technology in Education	4

Certificate of Advanced Study (C.A.S.)

Course Code	Course Title	Semester Hours
EDL546	Perspectives and Administration of Educational Policy	3

Revised TIE Program Requirements

Course Code	Course Title	Semester Hours
TIE532 (revised course)	Computer/Technology Systems and Related Peripherals in Instructional Settings (revised title) (formerly Microcomputer Technology)	2
TIE 533(new course)	Application Tools for Inquiry Learning (new title)	3
TIE 536 (new course) TIE 535 (replaced course)	Integrating Technology Across the Curriculum (new title) Teaching with Technology Across the Curriculum (remains active)	3
TIE 542 (revised course)	Learning Experiences on the Internet K-12 (revised title) (formerly Telecommunications in the Schools)	2
TIE544 (revised course)	Curriculum Applications of Hypermedia/Multimedia (revised title) (formerly Classroom Applications of Hypermedia/Multimedia)	3
TIE 547 (new course) TIE 546 (replaced course)	Creating Web-based Instructional Environments (new title) Telecommunications in the Schools: Advanced Topics (remains active)	3
TIE 553 (revised course)	Digital Images and Video as Classroom Resources (revised title) (formerly Computer Images and Video as Classroom Resources)	1
TIE 557 (new number; effective summer '04) TIE 554 (replaced number)	Understanding Networking in the Schools (revised title) Local Area Networking in the Schools (eliminate end of spring 2004)	3
TIE 592	Portfolio Development Seminar	1
TIE 593	Seminar Technology in Education	3
Electives (not required for M.S.Ed.)*	Includes TIE workshops and SPE545Assistive Technology	2

TIE Electives for Non-TIE Students

To enable students in other NCE programs (i.e., Curriculum and Instruction and Educational Leadership) to take electives (i.e., design of web pages for educational uses, integration of technology across the curriculum, and administrative applications of applications software), TIE510, TIE511, TIE 512, TIE535, and TIE546 will remain active courses. However, these courses will no longer be required program courses or permitted as electives for admitted TIE degree seeking students.

Teach-Out of TIE 531 and TIE 554

To enable the teach-out of existing clusters that are already far along into their program. TIE531 will continue to be offered through spring 2004 and then will be inactive. TIE554 will continue to be offered through winter 2004 and then will be inactive. TIE557 will become active summer 2004.

TIE Courses That Will Become Inactive

TIE531 Instructional Design of Software
Final offering of TIE531 will be Wheeling/spring 2004.

TIE554 Local Area Networking in the Schools
Final offerings of TIE554 will be Evanston/winter 2004 and Wheeling/winter 2004.

Admission Requirements
ISTE, the TIE Program's NCATE Specialized Professional Association, has initiated a new requirement for students entering initial endorsement programs for Technology Facilitation. ISTE requires that all incoming students meet the National Educational Technology Standards for Teachers (NETS-T). Therefore admission requirements and procedures have been revised to meet this requirement.

New Admission Policy: Implementation of the NETS-T Self-Assessment
Candidates for an advanced degree in Technology in Education--M.Ed., M.S.Ed., or C.A.S.—will complete a self-assessment of the NETS-T prior to program admission. Students applying for admission to the TIE program will complete an online self-assessment of the National Educational Technology Standards for Teachers (NETS-T). The TIE Administrative Assistant will inform the Admissions Office and a TIE faculty member when an applicant has completed the self-assessment. Applicants will review results of the self-assessment with the TIE faculty member to discuss the assessment and a plan, if needed, for meeting the NETS-T through selected professional development activities and/or TIE500 Introduction to Technology in Education (2 SH). Successful meeting of the NETS-T will be recorded through a check-box on the student's Graduate Study Plan.

New Admission Policy for Technology Specialist Certification: Effective July 1, 2004 and Pending ISBE Approval
Once ISBE approves the Technology Specialist certification, the candidates for Technology Specialist Certification must provide documentation (a) that they hold an Illinois teaching certificate; and (b) that they have passed the Illinois Test of Basic Skills within five years of admission if certified prior to July 1, 1988, or not certified in the state of Illinois. Applicants who do not wish to seek cerification must submit a signed statement indicating they are not interested in obtaining the certification.

Implementation
TIE needs to work with Marketing to create a new brochure as soon as ISBE approves the Technology Specialist certification.

The 2004-2006 graduate catalogue needs to be updated to include all of the changes in the TIE degree programs.

The NCE Quarterly publication should include an article about the revised TIE degree programs with information on the upcoming Technology Specialist certification.

Teach out existing clusters that are already far along into their program. TIE531 will continue to be offered through spring 2004, and then will be inactive. TIE554 will continue to be offered through winter 2004, and then will be inactive. TIE557 will be activated for summer 2004.

To enable students in existing clusters that began in winter 2003 or spring 2003 to qualify for certification when available, Graduate Study Plan Changes will be filed with the Registrar's Office to allow these students to complete the sequence of courses in the revised program (including TIE 533, 536, 547, 557).

To enable students in other NCE programs (i.e., Curriculum and Instruction and Educational Leadership) to take electives (i.e., design of web pages for educational uses, integration of technology across the curriculum, and administrative applications of applications software), TIE 510, TIE511, TIE535, and TIE546 will remain active courses and will not be deleted from the Banner system. However, these courses will no longer be required program courses or electives for admitted TIE degree seeking students.

The Office of the Provost will post an Academic Alert once the TIE program receives ISBE approval to offer the Technology Specialist Certification.