New Course Request

1. School/Division: Education
2. Academic Subject Code: EDUC
3. Course Number: 5515 (must be cleared with University Enrollment Services)
4. Instructor: Varies
5. Course Title: Technology Leadership

6. First time this course is to be offered (Semester/Year): Fall 2008
7. Credit Hours: Fixed at 3, or Variable from ________ to ________
8. Is this course to be graded S/F (only)? Yes ☐ No X ☐
9. Is variable title approval being requested? Yes ☐ No X ☐
10. Course description (not to exceed 50 words) for Bulletin publication: Covers topics on how technology can support and assist school leaders in a variety of important school functions (i.e., leadership, policies and procedures, budgeting, professional development, data analysis and technology planning).

11. Lecture Contact Hours: Fixed at 3, or Variable from ________ to ________
12. Non-Lecture Contact Hours: Fixed at ________ or Variable from ________ to ________
13. Estimated enrollment: 15-25, of which 100% percent are expected to be graduate students.
14. Frequency of scheduling: F/Sp ☐ Will this course be required for majors? ☐ No ☑ Yes
15. Justification for new course: Required for Masters in Technology
16. Are the necessary reading materials currently available in the appropriate library? ☑ Yes ☐ No
17. Please append a complete outline of the proposed course, and indicate instructor (if known), textbooks, and other materials.
18. If this course overlaps with existing courses, please explain with which courses it overlaps and whether this overlap is necessary, desirable, or unimportant.
19. A copy of every new course proposal must be submitted to departments, schools, or divisions in which there may be overlap of the new course with existing courses or areas of strong concern, with instructions that they send comments directly to the originating Curriculum Committee. Please append a list of departments, schools, or divisions thus consulted.

Submitted by: [Signature]
Date 12-13-07

Approved by: [Signature]
Date

University Enrollment Services

After School/Division approval, forward the last copy (without attachments) to University Enrollment Services for initial processing, and the remaining four copies and attachments to the Campus Chancellor or Vice-President.
EDUC W515 Technology Leadership

Instructor       Dr. Frank Giles
Office Phone     317.789.3771
Office Address   6548 Orionco Avenue, Indianapolis, IN 46227
E-mail           fgiles@msdpt.k12.in.us
Location         Online
Times            4:30 – 6:30 PM

Required Text

All students should join ISTE (International Society of Technology in Education). When completing membership, please select Leading and Learning with Technology as your journal of choice. Also you may select one "Special Interest Group". Each interest group is described at this url: http://www.iste.org/sigs/. Select your group according to your career interest. Select student, IUPUI for your discount. References will be required in your final project from this journal "Leading and Learning with Technology" as well as others.

Bookmark these links:
Educational Technology Standards and Performance Indicators for Administrators from ISTE:

http://www.iste.org/Content/NavigationMenu/NETS/ForAdministrators/NETS_for_Administrators.htm

Technology Leadership
Advanced Program Facilitation Standards from ISTE/NCATE = for teacher preparation:

http://cnets.iste.org/ncate/n_lead-stands.html

National Educational Technology

Plan: http://www.ed.gov/about/offices/list/os/technology/plan/2004/site/edlite-default.html

Leader's Guide to Education Technology: http://www.edvancenet.org/

Suggested Text

Journal of Research on Technology in Education (ISTE)
T.H.E. Journal http://www.thejournal.com (free)
Technology & Learning http://www.techlearning.com/ (articles available on-line)
Educational Leadership from Association for Supervision and Curriculum Development
http://www.ascd.org
Course Objectives

- Apply strategies for and knowledge of issues related to managing the change process in schools.
- Candidates will describe social/historical foundations of education and how they relate to use of technology in schools.
- Based on evaluations make recommendations for changes in professional practices regarding the use of technology in support of student learning.
- Design and lead in the implementation of effective group process related to technology leadership or planning.
- Establish and communicate clear rules, policies, and procedures to support legal and ethical use of technologies at the district/region/state levels.
- Promote safe and healthy use of technology resources.
- Candidates:
  - Communicate research and establish policies to promote safe and healthy use of technology.
  - Design and develop policies and procedures concerning staging, scheduling, and security for managing hardware, software, and related technologies in a variety of instructional and administrative school settings.
  - Investigate purchasing strategies and procedures for acquiring administrative and instructional software for educational settings.
  - Develop and utilize guidelines for budget planning and management procedures related to educational computing and technology facilities and resources.
  - Provide technology resources for assessment and evaluation of artifacts and data.
  - Use technology resources to collect and analyze data, interpret results, and communicate findings to improve instructional practice and maximize student learning.
  - Identify and procure technology resources to aid in analysis and interpretation of data.
  - Plan, develop, and implement strategies and procedures for resource acquisition and management of technology-based systems including hardware and software.
  - Based on evaluations make recommendations for changes in professional practices regarding the use of technology in support of student learning.
  - Design and practice strategies for testing functions and evaluating technology use effectiveness of instructional products that were developed using multiple technology tools.
  - Based on evaluations make recommendations for changes in professional practices regarding the use of technology in support of student learning.
  - Design and practice strategies for testing functions and evaluating technology use effectiveness of instructional products that were developed using multiple technology tools. Maintain and disseminate current information involving facilities planning issues and computer related technologies.

- Tentative Schedule

January 14 – Introduction
January 28 - Leadership and Change
February 11 - Developing Policies & Procedures
February 25 - Budgeting and Total Cost of Ownership
March 11 - Professional Development
March 25 - Data Analysis
April 8 - Technology Planning
April 22 - Final Project Work
May 6 – Final Project Presentation

See below for content detail.

**Course Requirements**

NOTE - Assignments are due by MIDNIGHT on the date listed below:
* Final project presentation and documentation due the final class meeting.
(Point value of assignments listed in front of assignment name)

Unit 1 – Leadership and Change
  20 - Activity 1 - Portrait of a Leader
  10 - Leadership skills forum

Unit 2 - Policy & Procedure
  20 - Are you a good cybercitizen?
  10 - Evidence of good practice discussion forum

Unit 3 – Budgeting (due Sunday, March 8)
  20 - Budget for a classroom
  10 - TCO activity

Unit 4 - Professional Development
  30 - Training plan
  10 - Learning style discussion forum

Unit 5 - Data Analysis
  10 - enGauge discussion forum
  30 - Data Warehouse and Data Mining

Unit 6 - Technology Planning
  20 - Researching for planning
  20 - Compare & Contrast two plans

Final Project – 70 points
Grading Policy

Grading Scale
280 points possible

A 269-280
A- 252-268
B+ 241-251
B 228-240
B- 215-227
C+ 200-214
C- 185-199

All graduate students need a C+ or better in this course in order to fulfill requirements of their graduate program policy.

All assignments will have a 10% deduction in credit for each day or partial day late the assignment is submitted.

Attendance Policy

Attendance is required for all sessions.

PLAGIARISM

Plagiarism is defined by the university as: “the offering of the work of someone else as one's own. Honesty requires that any ideas or materials taken from another source for either written or oral use must be fully acknowledged. The language or ideas taken from another may range from isolated formulas, sentences, or paragraphs to entire articles copied from books, periodicals, speeches, or the writings of other students. Any student who fails to give credit for ideas or materials taken from another source is guilty of plagiarism.”

Plagiarism and/or academic dishonesty, including copying or collaborating with other students on any of the written assignments, unless otherwise advised, will absolutely not be tolerated. Plagiarism will result in failure of the assignment and may result in failure of the course. It will also be reported to the Dean of the School for further review.

RIGHT TO ACCOMMODATION FOR INDIVIDUALS WITH DISABILITIES

Indiana University is committed to creating a learning environment and academic community that promotes educational opportunities for all individuals, including those with disabilities. Course directors are asked to make reasonable accommodations, upon request by the student or the university, for such disabilities. It is the responsibility of students with documented physical or learning disabilities seeking accommodation to notify their course directors and the relevant campus office that deals with such cases in a timely manner concerning the need for such accommodation. Indiana University will make reasonable accommodations for access to programs, services, and facilities as outlined by applicable state and federal laws.

Students requesting disability-related accommodations and/or services should contact Adaptive Educational Services at 317-274-3241.