EDC 548 – Instructional Computing II

Comparison of Traditional On-Campus Option and Distance Education Option

EDC548 is a technology intensive course that focuses on technology planning, advanced desktop technologies, and network design and administration. In the traditional course as currently offered, the course requirements are satisfied electronically. The following table contains the units of comparison for the traditional on-campus and the distance education options of EDC548.

The only differences between the traditional on-campus option and the web-based option is that the class sessions in the web-based sections are delivered through Blackboard and the office hours are on-line.

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<th>Feature</th>
<th>Traditional On-Campus</th>
<th>Web-Based Education</th>
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<tr>
<td>Class Sessions</td>
<td>On Campus</td>
<td>Blackboard (Web-based)</td>
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<tr>
<td>Length of Course</td>
<td>One academic semester as described in the UK Schedule Book, meeting one night for 2.5 hours a week for 16 weeks</td>
<td>The first class session is available on Blackboard on the first day of the academic semester as described in the UK Schedule Book. The number of class sessions configured in Blackboard is 16. The content of Blackboard sessions will parallel the traditional class sessions. The last will be posted the week prior to start of finals week for the traditional week. Course requirements are due by the end of traditional finals week. Grades will be posted according to the traditional academic schedule.</td>
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<tr>
<th>Office Hours</th>
<th>On-campus</th>
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<tr>
<td>Requirement No. 1: Web Page Development</td>
<td>Creation of a student’s personal Web Site specific to the course.</td>
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<tr>
<td>Requirement No. 2: Technology Plan</td>
<td>Linked to the Web Site described in Requirement No. 1</td>
<td>Linked to the Web Site described in Requirement No. 1</td>
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<td>Requirement No. 3: Toolbook Exercise</td>
<td>Linked to the Web Site described in Requirement No. 1</td>
<td>Linked to the Web Site described in Requirement No. 1</td>
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<td>Requirement No. 4: Toolbook Product</td>
<td>Linked to the Web Site described in Requirement No. 1</td>
<td>Linked to the Web Site described in Requirement No. 1</td>
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<td>Requirement No. 5: Network Diagram</td>
<td>Linked to the Web Site described in Requirement</td>
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<td>Requirement No. 6: Threaded Discussion of Professional Literature</td>
<td>No. 1</td>
<td>No. 1</td>
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<tr>
<td>On-Line</td>
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</table>
EDC 548 - Instructional Computing II

Traditional On-Campus Option

W - 240 TEB - 4-6:30

Instructor: Doug Smith, 349 DH, Voice 257-1634, FAX 257-1602, EMAIL
DCSMITI@POP.UKY.EDU

Office Hours: Mondays, Wednesdays 2-3:45, Thursdays (1,2,4th of the month) 2-3:45

Course Description: Students develop decision making and practitioner reflection skills in advanced aspects of the operation and the use of a range of instructional technologies from desktop to distributed computing environments. Students use operating systems, learn network administration, perform technology planning and other leadership functions, and work with basic authoring tools. Skill is demonstrated through a series of projects including development of a technology plan for a specified work setting and authorship of a prototype product.

Conceptual Framework: The conceptual framework of the College is Professional Educator as Reflective Decision maker. The influence of that framework is reflected in the course description and in the assessment expectations of the course.

Kentucky New and Experienced Teacher Technology Standard No. 9:

The content and expectations of the course were developed to assist you in the demonstration of continuous assessment of this standard.

Continuous Assessment:

If you intend to use the ISD masters to upgrade the rank of your Kentucky state teacher certificate, remember than it is your responsibility to present a portfolio to Dr. Mazur after 18 credit hours and again after 36 credit hours. Consult Dr. Mazur for details.

Introduction to Toolbook II Assistant 7.0, Joan Kane, and Dennis Obukowics, Asymetrix Learning Systems, Part No. 029691, 1999.
Introduction to Networking, Novell, Inc.

Course Expectations - Students will be able to demonstrate the ability to:

1. Make instructional computing decisions and to reflect on those decisions in terms of audience, users, needs, educational goals and expectations, instructional effectiveness, and cost.
2. Manage and maintain a personal computer, including the operating system.
3. Describe connectivity and related network topologies in technical terms.
4. Execute basic local area network administration commands.
5. Produce computer generated network design schemes.
6. Plan technology for the instructional needs of an administrative unit.
7. Author an instructional computing product using a commercial authoring tool.
8. Critique contemporary professional literature in instructional computing.
9. Design a HomePage and post information on the WWW.

Requirements

1. 24 exercises posted on the course website prepared as part of this requirement. Create one link to house all of the 24 exercises. The exercises are listed in the Log of Exercises on p. vii of Learning to Create a Web Page with Office 2000. 12%

2. **Technology Plan** - Prepare a technology plan using the School Technology Planner, the Kentucky Education Technology System Planning Model, or other planning model for the instructional needs of an administrative unit (ex. School, department, agency, division) that has been approved by your instructor. The plan will be a link off from your course website. 25%

3. Chapter 14 Project packaged as described in Chapter 15 as described in Utilizing Multimedia Toolbook. Toolbook is a web-ready product. Prepare this project as a link off from your course website. 10%

4. Author an instructional product in Toolbook. Prepare this Project as a link off from your course website. 25%

5. Network Diagram. Diagram a network for a site included in the Technology Plan (See Requirement 1). Prepare this diagram as a link off from course website. 16%

6. On-line readings discussion. Our discussion of outside readings will take place on-line. This semester we will use a facility called NiceNet. Each student will be responsible for facilitating the discussion of one reading. Facilitating a discussion consists of reading the article, formulating three thought provoking questions about the reading, posting the questions to NiceNet, monitoring the discussion to ensure that all students participate, and prompting follow-up discussion. I will model facilitation of the first reading. 12%
EDC 548 - Instructional Computing II

Distance Education – Web-Based Option

Instructor: Doug Smith, 349 DH, Voice 257-1634, FAX 257-1602, EMAIL DCSMIT1@UKY.EDU

Office Hours: The instructor will be available for voicemail or on-line discussion specifically for this class on Wednesdays from 4:00 p.m. through 6:30 p.m. In addition, email from this class is filtered and returned.

Delivery Method: The web-based sections of this course are delivered through the University of Kentucky current web-based medium (currently Blackboard).

Course Description: Students develop decision making and practitioner reflection skills in advanced aspects of the operation and the use of a range of instructional technologies from desktop to distributed computing environments. Students use operating systems, learn network administration, perform technology planning and other leadership functions, and work with basic authoring tools. Skill is demonstrated through a series of projects including development of a technology plan for a specified work setting and authorship of a prototype product.

Length of Course: The course is configured as 16 class sessions in Blackboard. The first session will be posted on the first day of class as stated in the respective UK semester schedule for traditional classes. The course must be completed by the last day of final exams for traditional classes for the respective semester.

Conceptual Framework: The conceptual framework of the College is Professional Educator as Reflective Decision maker. The influence of that framework is reflected in the course description and in the assessment expectations of the course.

Kentucky New and Experienced Teacher Technology Standard No. 9:

The content and expectations of the course were developed to assist you in the demonstration of continuous assessment of this standard.

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Course Expectations - Students will be able to demonstrate the ability to:

1. Make instructional computing decisions and to reflect on those decisions in terms of audience, users, needs, educational goals and expectations, instructional effectiveness, and cost.

2. Manage and maintain a personal computer, including the operating system.

3. Describe connectivity and related network topologies in technical terms.

4. Execute basic local area network administration commands.

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6. Plan technology for the instructional needs of an administrative unit.

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