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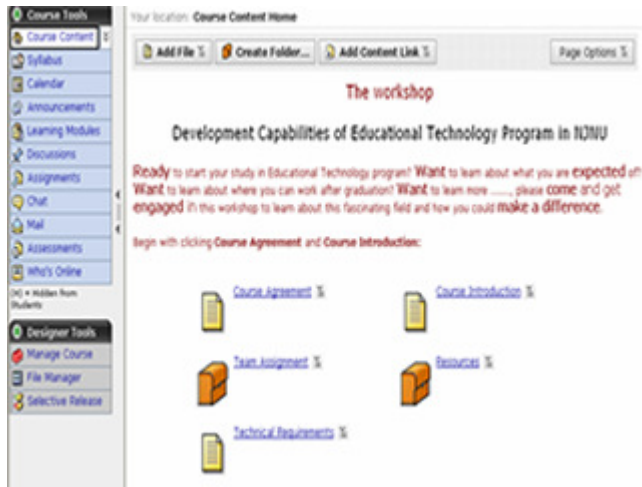

Web-based Course through Blackboard Vista

MIT 515 Web Teaching: Design and Development
(Domains/Competencies/Job Qualifications/Artifacts/Rationale)

Context & Conditions

The course focuses on theory and practice of design and development of web-based instruction. The students are required to use web-developed tools and instructional design principles to design and develop web-based instruction. Based on the course requirement, the project "development capabilities of instructional technology program in NJNU, China," was completed under the direction of Dr. Jennifer Summerville. The workshop project was designed for current graduate students in Educational Technology program of NJNU who are lost in their program study. It was developed using such web-developed tool as the Blackboard Vista.

Scope:

The mini project is to demonstrate understanding and application of principles of design and development of web-based instruction. The project placed importance on design and development, including resource organization, structure development, activity design, and pre-course survey production. Peer evaluation was conducted after the completion of design and development in terms of evaluation rubric that I created.

Role:

I designed and developed the project on my own. I worked primarily as a developer to present clear learning objectives and sequence activities and events logically to ensure the learners easy to navigate and engage throughout the course.

Reflection:

I was excited to go into the Blackboard Vista as a designer and developer. I was surprised with the power of the learning management system in designing, developing, managing, and delivering online instruction. Through the course project I learned about how to use course tools, instructor tools, and designer tools in LMS. I enjoyed it very much. Before, I accessed to the system as a learner. For this project, I think that I need to do more research and include some examples of multi-track program of instructional technology field in America.

MIT 515: Domains/Competencies/Job Qualifications/Artifacts/Rationale

Skip to: Design / Development / Utilization / Evaluation

Domain of Instructional Design			
MIT Competencies	Job Qualifications	Artifacts	Rationale
Determine instructional resources (media/computer technology) appropriate to instructional activities.	Determine appropriate material resources, technology resources, human resources based on learner and context analysis.	**Web-based Couse through Blackboard Vista**	The artifact shows how I identified and selected the appropriate resources to augment or deliver instruction.

Select appropriate applied information technologies to achieve instructional objectives.	Have experience working with e-learning and/or web based technologies	**Web-based Couse through Blackboard Vista**	The product demonstrates my understanding of the available technologies and their advantages and disadvantages when making decision about selecting the best media.

Domain of Instructional Development

MIT Competencies	Job Qualifications	Artifacts	Rationale
Demonstrate knowledge of computer utilization practices and the ability to apply them in instructional settings including: computer literacy, software selection and evaluation, instructional management, hypermedia development and distance learning.	Design and develop online courses. Work with computer technologies.	**Web-based Couse through Blackboard Vista**	The artifact illustrates my practice and capability of utilizing computer technologies in developing online course using WebCT Vista.
Design and produce computer-based instruction including drill-and-practice and tutorial programs.	Have experience creating computer-based course or tutorial.	**Web-based Couse through Blackboard Vista**	The artifact illustrates my ability to produce computer-based instructional material in which I included self-paced and instructor-led activities for drill-and-practice.
Design and produce mediated instruction.	Develop mediated instruction using media-based development tools.	**Web-based Couse through Blackboard Vista**	The artifact is designed to deliver instruction through computer technology, as one form of mediated instruction.

Domain of Utilization

MIT Competencies	Job Qualifications	Artifacts	Rationale
Apply principles of selection and use of materials and techniques relevant to a multicultural society (e.g., non-print, print, mass media, hardware, software, and other audiovisual strategies).	Select appropriate deliverables for instruction with target learner.	**Web-based Couse through Blackboard Vista**	The artifact illustrates the selection and use of materials and appropriate learning tools to promote learning with target learners to achieve desired objectives.

Domain of Evaluation

MIT Competencies	Job Qualifications	Artifacts	Rationale
Plan and conduct evaluation of instruction/training.	Create evaluation rubric for course.	**Evaluation Rubric for Web-based Course**	The artifact illustrates my knowledge and skills of developing evaluation rubric.