New Program Proposal Form

Faculty Member Preparing: John Phillips, Jaesung Sim, & Yucong Liu

1. Date: October 29, 2013

Department: MACIS

2. Rationale for program:
   Students taking our Web Site Design course have requested that we develop a minor in this area. The Web Development minor will compliment many other majors and will be an asset to graduates as they seek employment.

3. Degree and Program Title (attach an ER, course titles, and rationale):
   Web Development Minor
   a. Require CIS1109 Explorations of Computer Science or CIS1115 Programming with Objects
   b. Require CIS3303 Web Site Design
   c. Require CIS3304 Advanced Web Design
   d. Require CIS4309 E-Commerce Systems
   e. Require 6 credits of Computer Technology related courses chosen in consultation with the departmental advisor

4. Program Description for Catalog:

   Web Development Minor

   The Web Development minor provides a solid background in web design and web-oriented software development. See also Computer Science Minor, General Computing Minor, and Information Systems Minor.

5. Program Objectives:

   - Provide a basic understanding of the concepts, processes, skills, and techniques used in the field of web design and software development.
   - Offer an area of study, for multiple majors throughout the University, which will compliment many disciplines, adding a breadth and depth of perspective to existing programs on campus.
   - Give Mansfield University graduates a broader level of understanding and the resources to think creatively and act as conceptual problem solvers.

6. Program Learning Outcomes:
- Understand the web software development lifecycle.
- Identify terminology associated with the concepts, techniques, and processes used in web development.
- Apply the use of the software development process within strategic problem solving and visual communication applications.
- Apply a thorough knowledge of the basic concepts associated with the history, culture, tools, techniques, processes, and presentation of web design and programming.

7. Impact on other programs: None

8. Demand for Program (attach a market analysis): None

9. Faculty qualifications: None

10. New library resources needed? ____Yes  __x__ No  If yes:
    Signature of appropriate librarian indicating needs can be met:
    ______________________________________

11. New technology resources needed? ____Yes  __x__ No  If yes:
    Signature of Director of Information Technology indicating needs can be met:
    ______________________________________

11. New equipment resources needed?  ____Yes  __x__ No  If yes:
    Describe Equipment:  ________________________________
    Source of funding:  __________________________________

12. Physical facility support requirements: None

13. Requested Date of Offering: Fall 2014

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