Lower Division University Course Form

For help filling out the form press F1 or look at the bottom at the screen. For additional instructions, see Course Form Instructions.			
I. Type of Action	Lower Division University Course - Request to offer a lower academic division course from a four-year state supported college or university. See Rules of the Senate (Section III 2.5).		
II. Notifica tion to University	According to Rules of the Senate (Section III, 2.5), the college will document notification to the appropriate university department of its intent to offer the course.		
	Provide documentation of "notification to the appropriate university department of its intent to offer the course."		
	Documentation is attached? Yes No		
	During a meeting at NKU (July 23, 2012) to discuss a 2+2 transfer agreement and 4 articulation agreements, verbal notification was given to adopt NKU INF courses. Attached is a letter from NKU expressing interest to move forward with the agreements. Formal, written notification for course adoption will follow when the focus area is approved.		
III. General Education Status: Any university course or combination of university courses that can be used to satisfy the university requirements for a general education category will also satisfy the KCTCS requirements for that general education category.			
	Does this course satisfy university requirements for general education status at the offering university? \square Yes \boxtimes No		
	Documentation attached? Yes No		
	If yes, what attribute (category) has been assigned?		
	itution and state that originally offers the course. n Kentucky University		
2. Course Prefix	and Number: INF 286		
3. Course Title:	Introduction to Web Development		
4. Submitting E	ntity: Curriculum Committee:		
	College: Bluegrass Community and Technical College		

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10c. Requisites:

Pre-requisites: Yes No

This course would be used to support a new Associate of Science focus area in Informatics. The use of the course from Northern Kentucky University (NKU) would support four planned articulation agreements that we have discussed with NKU's department of Communications (Media Informatics) and department of Computer Science (Computer Science and Computer Information Technology). Using this course would facilitate the transfer of Bluegrass Community and Technical College (BCTC) Informatics students to NKU to complete their Bachelor of Science (BS) degree or Bachelor of Arts (BA) degree in an Informatics discipline.

	to complete their Bachel discipline.	or of Science (BS) deg	ree or Bacl	nelor of Arts (BA) degree in	an Informatics		
6.	Will this course be a part of approved curriculum/curricula? ☑ Yes ☐ No If yes, which curriculum/curricula?						
	Associate in Science	e with a Focus in Info	rmatics				
7.	Person(s) Primarily Responsible for Proposal (Verify that members are still current and active prior to submission.):						
	Name	<u>T</u>	Teaching Area		College		
	Cindy Tucker		CIT		ВСТС		
	Melanie Williamson		CIT		BCTC		
	Debbie Holt		CIT		BCTC		
	Don Halcomb		CIT		BCTC		
	Thomas Papanicolaou Gary Cunningham Lois McWhorter		CIT/Business		BCTC SCC SCC		
	Janet Garrison		CIT		MCTC		
8.	Involvement of Others (I	Designate Individuals):					
	a. System Office Staff:	Mary Kleber					
	b. Others:						
9.	PROPOSED EFFECTIVE DATE:	Spring 2013					
10.	Proposed Course Design	ations:					
	Credit / Contact Hours:	10a. Credit Hours:	3	Minimum 3	Maximum 3		
		10b. Contact Hours:	45	If lab, etc., ratio of contact hours to credit hours. (See contact/ credit hour ratio			

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chart)

NOTE: MAT 109 is College Algebra.

C- or better in MAT 109 (or Higher) INF 110 or INF 120;

	Co-requisites: Yes No If yes, list:
11.	11a. Grading Basis: ☐ Letter Grades ☐ Pass/Fail ☐ Letter Grades/NO GPA 11b. Repeat for additional credit: ☐ Yes ☐ No If yes, how many times: 0 Indicate total credit earned in course: 0
12.	Course Components (check all that require scheduling)
	□ Lab □ Clinical □ Practicum □ On-line Course
13.	Description:
	An introduction to web design and development for majors in the informatics fields. Web page creation and HTML; site organization and best practices; e-business planning, models and strategies; overview of SML and CSS; introduction to client-side and server-side programming.
	NOTE: This is the NKU catalog description.
	Additional information for the course description from an NKU current syllabus for the course: It is designed to provide understanding of basic web development concepts and process, web design best practices, web page creation with XHTML and CSS, web client-side scripting using JavaScript. The acquired knowledge will be used in and reinforced by developing a website that aligns to a set of user specified requirements.
14.	Course Competencies (Begin statement with a capital letter and end with a period.):
	By the end of the term, a successful student should be able to:
	 Use best practices to design and develop a website using XHTML. Understand the differences between XHTML and other markup languages. Understand the use of cascading style sheets (CSS) and implement them for page layouts and styles. Understand social impacts and implications of the world wide web and the Internet. Use some of the JavaScript capabilities to add interactivity and functionality to web pages. Incorporate user-specified requirements and design preferences into a website. Incorporate media and accessibility requirements into a website.
	NOTE: This is the NKU description.
15.	Course outline (Two-level outline required):
	This course will include the following topics in order:
	 I. Best Practices A. Definitions of Basic Design Concepts B. Discuss Tools Available
	II. Markup Languages A. Definitions

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- B. Language Options
- C. XHTML
- D. HTML5
- III. Cascading Style Sheets
 - A. Definition
 - B. Advantages and Disadvantages
 - C. Page Layout
 - D. Styles
- IV. Social and Ethical Issues
 - A. Implications
 - B. Standards and Practices
 - C. Content
 - D. Legal
 - E. ADA Compliancy
- V. JavaScript Basics
 - A. Types of Interactivity and Functionality
 - B. Embedding Code
 - C. Syntax
 - D. Error Checking
- VI. Working with Clients
 - A. Identifying Needs of the Client
 - B. Design
 - C. Delivery of Content
- VII. Multimedia
 - A. Audio
 - B. Video
 - C. ADA Compliancy
- 16. List of experiments/activities (If laboratory or clinic is involved):
- 17. Indicate suggested Learning Resources

Example:

Sorrentino, S. A., & Gorek, B. (2010). *Mosby's textbook for long-term care assistant* (6th ed.). St. Louis, MO: Elsevier/Mosby-Year Book, Inc.

SUGGESTED LEARNING RESOURCES FOR THIS COURSE

Felke-Morris, T. (2012). Web Development and Design Foundations with HTML5 (6th ed.). Boston, MA: Addison-Wesley.

ISBN: 9780132783392

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Submit form, documentation of notification to the appropriate university department of its intent to offer the course, and signature page or minutes of local CRC meeting to Mary Kleber at Mary.Kleber@kctcs.edu.

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