## change of COURSE PROPOSAL FORM

**ACADEMIC AREA:** BUSINESS AND TECHNOLOGY

**PROGRAM:** AS COMPUTER PROGRAMMING AND ANALYSIS

**PROPOSEd by**: Scott Vanselow

**PRESENTER:** Scott Vanselow

**SUBMISSION DATE:** 1/3/2012

**CURRENT COURSE PREFIX, NUMBER AND TITLE:**

### COP 2823 Internet Programming: Server-Side Scripting

### SECTION I

**TYPE(S) OF COURSE CHANGE: TYPE PROPOSED CHANGE HERE FOR EACH ITEM CHECKED:**

**** lecture/lab course must have “c” / lab course must have “l”

 **COP 2823 ADVANCED MICROSOFT WEB DEVELOPMENT**

**** TYPE IN DEPARTMENT

**** From COP 1822 to COP 1822 And COP 1170 or COP 2360

**** sELECT MINIMUM GRADE. THE DEFAULT IS “D”

**** LIST ALL COREQUISITES IN SEQUENTIAL ORDER

**** Click here to ENTER THE NUMBER CREDITS OR CLOCK HOURS

**** SELECT A CREDIT TYPE

**** Click here to enter CONTACT HOURS

**** SELECT GRADE MODE

****

This course covers web development using Visual Studio with the Visual Basic or Visual C# language. Graphics design for the web is discussed with focus on effective web page design, including graphics and images, text design, mapping, animations, sound, video, imagemaps, tables, CGI scripts and fill-in forms.

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* Customizing the layout and appearance of a Web page.
* ASP.NET
* State information
* Events and control page flow
* Controls
* Configuration files
* Data and services
* Troubleshooting and debugging web applications
* Client-side scripting
* Configuring and deploying

****

TYPE IN ALL OF THE LEARNING OUTCOMES, ASSESSMENTS AND GEN ED COMPETENCIES AS THEY SHOULD BE DISPLAYED IN THE SYLLABUS

|  |  |  |
| --- | --- | --- |
| **LEARNING OUTCOMES** | **ASSESSMENTS** | **GENERAL EDUCATION COMPETENCIES** |
| Students will create a web program analysis report.  | Web program analysis activity including system and user requirements, a design plan and timeline, and systems specifications and documentation. |  |
| Students will create a project plan/design document and a storyboard.  | Web program design activity that includes identifying web site goals and objectives, identifying the target audience, identifying the type of web site, developing a budget, and creating a timeline for advanced web sites in accordance with the Web Content Accessibility Guidelines within Visual Studio. | GSR |
| Students will create advanced web sites to meet different specifications. | Web program coding activities using Visual Studio with Visual Basic or Visual C#. |  |
| Students will create and support web programs that connect to databases utilizing DataSource controls and data-binding using Visual Studio. | Web database program coding activities. |  |
| Students will create web sites that utilize client-side scripting. | Web program coding activities using client-side scripting within Visual Studio. |  |
| Students will utilize advanced testing and debugging techniques. | Web program testing activities and a written summary of debugging techniques. |  |
| Students will configure and deploy web applications using Visual Studio. | Written report about publishing and deployment options and implementation of at least one option. | TIM, COM |

### SECTION II (must complete each item below)

**ICS CODE FOR THIS COURSE:** ADVANCED AND PROFESSIONAL - 1.16.07 - COMPUTER & INFO SCIENCE

**IF YOU INTEND TO RESTRICT STUDENT REGISTRATION BASED ON THE STUDENTS’ MAJOR(S), ENTER ALL APPLICABLE MAJOR RESTRICTION CODE(S)—Enter “NA” OR MAJOR code(S):**

Click here to enter text

**GRADE MODE:** STANDARD GRADING

**IS THIS AN “INTERNATIONAL OR DIVERSITY FOCUS” COURSE?** NO

**IS THIS A GENERAL EDUCATION COURSE?** NO

**IS THIS A WRITING INTENSIVE COURSE?** NO

**iS THIS AN HONORS COURSE?** NO

**IS THIS A REPEATABLE\* COURSE?** NO

(A repeatable course may be taken more than one time for additional credits. For example, MUT 2641, a 3-credit hour course, can be repeated 1 time and a student can earn a maximum of 6 credits.)

\*not the same as Multiple Attempts or Grade Forgiveness

**IF “YES”, WHAT IS THE MAXIMUM NUMBER OF CREDITS A STUDENT CAN EARN FOR THIS COURSE? if “NO”, ENTER “na” BELOW.**

NA

**DO YOU EXPECT TO OFFER THIS COURSE THREE TIMES OR LESS?** NO

**WILL THESE CHANGES HAVE AN IMPACT ON OTHER COURSES, PROGRAMS OR DEPARTMENTS?** NO

**IF “YES,” please eXPLAIN or submit comments (ENTER “NA” or COMMENTS):**

CLICK HERE TO ENTER TEXT

**IF “YES,” HAVE YOU DISCUSSED THIS PROPOSAL WITH ANYONE (FROM OTHER DEPARTMENTS AND/OR PROGRAMS) REGARDING THE IMPACT? WERE ANY AGREEMENTS MADE (ENTER “NA” OR COMMENTS)?**

CLICK HERE TO ENTER TEXT

**DO YOU ANTICIPATE THAT STUDENTS WILL BE TAKING ANY OF THE PREREQUISITES LISTED FOR THIS COURSE IN DIFFERENT PARTS OF THE SAME TERM?** -- NA --

**IS ANY COREQUISITE LISTED ON THIS COURSE LISTED AS A COREQUISITE ON ITS PAIRED COURSE?** -- NA --

eXAMPLE: CHM 2032 IS A COREQUISITE FOR CHM 2032L AND CHM 2032L IS A COREQUISITE FOR CHM 2032.

### SECTION III (MUST COMPLETE EACH ITEM BELOW)

**PROVIDE JUSTIFICATION FOR EACH CHANGE ON THIS PROPOSED CURRICULUM ACTION (OTHER EXPLANATORY INFORMATION)—ENTER “na” OR TEXT:**

This course is being redesigned to align with the Microsoft MTA Web Development Fundamentals certification exam skills. The certification exam curriculum covers important content and there are many benefits to students to achieve certification.

**NOTE:**

CHANGES FOR THE UPCOMING FALL TERM MUST BE SUBMITTED AND APPROVED NO LATER THAN THE FEBRUARY CURRICULUM COMMITTEE MEETING PRIOR TO THE START OF THE NEXT ACADEMIC YEAR. CHANGES DURING MID-SCHOOL YEAR ARE NOT ALLOWED. EXTREME CIRCUMSTANCES WILL REQUIRE APPROVAL FROM THE DISTRICT DEAN OF INSTRUCTION AS WELL AS THE VICE PRESIDENT OF ACADEMIC AFFAIRS TO BEGIN IN EITHER THE SPRING OR SUMMER TERM.

**TERM IN WHICH PROPOSED ACTION WILL TAKE PLACE:**

FALL 2012 TYPE IN TERM IF “EXCEPTION” AND OBTAIN BOTH SIGNATURES BELOW OR TYPE “NA”

**oRDER OF APPROVAL FOR EXCEPTIONS IS AS FOLLOWS:**

SIGNATURE #1 NEEDED FOR EFFECTIVE TERM EXCEPTION:

SIGNATURE #2 NEEDED FOR EFFECTIVE TERM EXCEPTION:

**FACULTY ENDORSEMENTS:**PLEASE SEPARATE FACULTY MEMBERS WITH A COMMA (,)



**DEPARTMENT CHAIR / PROGRAM COORDINATOR ENDORSEMENT:**

 1/3/2012

**ASSOCIATE / ACADEMIC DEAN ENDORSEMENT:**

 1/3/2012

**DEANS’ COUNCIL Review – verified by:**

 1/18/2012

**STUDENT ASSESSMENT COMMITTEE CHAIR ENDORSEMENT:**

 2/9/2012

**FOR CURRICULUM COMMITTEE MEETING DATE:**



AFTER REVIEWING AND SIGNING THIS PROPOSAL, THE DISTRICT DEAN WILL RETURN THE PROPOSAL TO THE DEPARTMENT CHAIR OR PROGRAM COORDINATOR WILL SUBMIT THE PROPOSAL TO THE VPAA OFFICE. THE DEPARTMENT CHAIR/PROGRAM COORDINATOR WILL SEND THIS PROPOSAL ALONG WITH ANY OTHER PROPOSALS FROM HIS/HER DEPARTMENT BEING SUBMITTED FOR REVIEW BY THE CURRICULUM COMMITTEE TO THE STUDENT ASSESSMENT COMMITTEE FOR REVIEW. ONCE APPROVED BY THE STUDENT ASSESSMENT COMMITTEE, SUBMIT THE PROPOSAL(S) TO DROPBOX BY THE MEETING DUE DATE. FOR MORE DETAILS, PLEASE REFER TO THE CURRICULUM COMMITTEE MANUAL: www.edison.edu/facultystaff/curriculum.php