

Missouri State.**Curricular Action Workflow**
 Missouri State > Computer Services - MIS > Curricular Action
 Workflow > CAW - New Program Proposal Form
New Program Proposal Form
Submitted on 01/11/2018 by Robin Powell (Robinpowell@missouristate.edu).

This form is to be used for internal Missouri State approval of any proposal for a new program involving two or more courses, including any new graduate program, new undergraduate major (whether comprehensive or non-comprehensive), new option within an existing program (whether graduate or undergraduate), new minor, new certificate, or new certification program.

New graduate programs, new undergraduate majors, and certificate programs involving more than 18 credit hours require approval by the CBHE as well as approval through the Missouri State curricular process. CBHE applications for such programs are processed through the Office of Institutional Research. All proposals for new programs requiring CBHE approval should progress through the Missouri State curricular process accompanied by a draft of the required CBHE documentation.

Department:

Computer Science

Proposed Program Title:

Web Programming Certificate

Choose One:

- Non-Comprehensive Undergraduate Major
 Option
 Certification
 Comprehensive Undergraduate Major
 Minor
 Academic Rules
 Graduate Program
 Certificate
 Other

Does this program include any new courses?

- No
 Yes (A corresponding new course form must be submitted to create each new course.)

Select Degree Type (or Select Graduate Certificate or Undergraduate Certificate):

UGCT - Undergraduate Certificate

General Education Courses Required:

None

Total Hours: 0

General Education Courses Recommended:

None

Total Hours: 0

Requirements (Including Admission) and Limitations for Specific Degree/Program:

Open to all MSU students

Total Hours: 0

Courses Required in Department:

CSC 130 The World of Computer Science (3 hrs)

CSC 131 Computational Thinking (4 hrs)

CSC 335 Database System Concepts (3 hrs)

CSC 365 Internet Programming (3 hrs)

CSC 515 Advanced Internet Programming OR CSC 545 Computer Speech, Music and Images (3hrs)

Total Hours: 16

Courses Required in Other Departments:

None

Total Hours: 0

Prerequisites for Required Courses:

CSC 130 - None

CSC 131 - Prerequisite: "C" or better in CSC 130 and eligible for MTH 261

CSC 335 - Prerequisite: "C" or better in CSC 121 or CSC 125 or CSC 131

CSC 365 - Prerequisite: "C" or better in CSC 121 or CSC 125 or CSC 131

CSC 515 - Prerequisite: CSC 365

CSC 545 - Prerequisite: CSC 232

Recommended Electives in Department:

None

Total Hours: 0

Recommended Electives in Other Departments:

None

Total Hours: 0

Limitations on Electives:

None

Please attach the following documents: (only one file may be attached for each requirement; accepts file types of PDF, DOC or DOCX)

1. Statement of Rationale: *Attached*

2. Estimated costs for first five years: *Attached*

3. Complete catalog description (including new courses and course changes pending approval): *Attached*

4. If proposal is for a new degree program, you must submit an application to the Missouri Department of Higher Education (MDHE).

- A. Use the templates below to create your application.

[New Undergraduate Major \(or certificate with more than 18 hours\)](#) | [New Graduate Program \(or certificate with more than 18 hours\)](#)

- B. Upload and attach the completed MDHE application. *Not Attached*

*If you require assistance to complete the application, contact Julie Masterson, Graduate College, 836-5335.

What is the date that this new program was approved by departmental or program faculty? (MM/DD/YYYY)

01/10/2018

Current Status:

College Council Review

Proposal Progress:

01/11/2018 - Submitted by Department Head (Jorge Rebaza-Vasquez)

Review Comments:

No comments have been added to this proposal.



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The certificate in Web Programming aims to provide students with knowledge and skills in programming for the web, with dynamic and interactive web applications in mind.

The courses required in this certificate program are regularly offered as part of our current program in Computer Science. Thus, no additional instructional costs or supplies expenses are anticipated.

Web Programming

The Certificate in Web Programming is a 16-credit hour program designed to provide knowledge and skills in the field of web development, including programming, database design and development, web security, and multimedia applications.

Program Requirements (16 hours)

- A. CSC 130 (3 hrs.), CSC 131 (4 hrs.), CSC 335 (3 hrs.), CSC 365 (3 hrs.), CSC 515 (3 hrs.) or CSC 545 (3 hrs.)
- B. Attain a combined course GPA of at least 2.0 in required courses