AME OF PROGRAM: Computer Careers  Date: 02/07/14  YES  NO

Computer Assistant Certificate – Redesign  
Web Programming Certificate – Redesign  
Enterprise Computing Certificate – New  
Network Administration Certificate – New  
Cloud Computing and Virtualization Administrative Certificate – New

Step 1  Reviewed change at division meeting.  

Step 2  Presented as informational item at Division Chair Meeting(s) and checked if it affects other departments. Like programs must meet with Division Chairs on all affected campuses (North Mankato and Faribault).

Division Chair’s signature  

Step 3  Instructional Dean reviewed and indicated need for Curriculum Committee approval.  

Instructional Dean’s signature  

Step 4  Advisory Committee approval indicated in meeting minutes if necessary. Minutes provided to Curriculum Committee.

Step 5  Curriculum Committee made recommendations (changes, additional approvals, etc.). If no, skip to Step 7.

Step 6  Committee’s recommendations completed. (Skip if not applicable.)

Step 7  Curriculum Committee approved.

Curriculum Committee Chair’s signature  

Step 8  Minutes and necessary materials provided to VP of Academic Affairs.

Step 9  Vice President of Academic Affairs approved.

Vice President of Academic Affairs’ signature  

Step 10  New Course Maximum Enrollment to Shared Governance.

Step 11  President’s approval for all changes requiring MnSCU approval.

President’s signature  

Appendix C

New Program or Program Change Proposal Form

Date of Proposal: **February 7, 2014**

Author: **Linda Anderson**

<table>
<thead>
<tr>
<th>Proposal Type:</th>
<th>New Program</th>
<th>Program Redesign</th>
<th>Suspend Program</th>
<th>Reinstate Program</th>
<th>Add Emphasis</th>
<th>Delete Emphasis</th>
</tr>
</thead>
</table>

Contact for the Program: **Linda Anderson**

Program Name: **Web Programming Certificate**  
CIP Code: **11.0801-5257**

Division in Which Program is Currently or Will Be Held:  
**Work Force Education & Training - Business**

Proposal Start (Term/Year): **Fall 2014**

Program Description: Description in current catalog still applies.

<table>
<thead>
<tr>
<th>Degrees Offered:</th>
<th>AS</th>
<th>AAS</th>
<th>AA</th>
<th>Diploma</th>
<th>Certificate</th>
</tr>
</thead>
</table>

Program Location:  
Faribault Campus  
**North Mankato Campus**  
Online

Prerequisites: **NA**

Number of Credits: **Certificate is currently 23 credits, but changing to 20 credits.**

If There is a Program Change, Summarize Changes to the Program:

Restructure of some courses, course additions, course deletions  
COMP1130, COMP1140, and COMP2496 will be removed  
COMP2310 and GCC1120 will be added

Rationale for Program Development or Program Change: **To update the curriculum.**

What Impact Will this New Program or Change Have on Other Programs or Areas? **None**

Are There Articulations With Other Colleges? **List College(s): No**

➤ Attach Program Design to this Form. Below are Some Recommended Items:
   a. List of program requirements (i.e.: what the catalog page shows for each program).
   b. Cross walk from previous program curriculum to new (how students already started in the old program can finish after this new program begins).
   c. All required course numbers and titles.
   d. Additional supporting information, such as minutes documenting recommendation for proposal.
### Web Programming Certificate
#### 2014-2015 Redesign

**Current Certificate – 23 Credits**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP1130</td>
<td>Programming Fundamentals</td>
<td>4</td>
</tr>
<tr>
<td>COMP1140</td>
<td>Web Development</td>
<td>4</td>
</tr>
<tr>
<td>COMP2145</td>
<td>Web Programming</td>
<td>4</td>
</tr>
<tr>
<td>COMP2150</td>
<td>Web Services [XML]</td>
<td>4</td>
</tr>
<tr>
<td>COMP2300 or COMP2310</td>
<td>Java or Visual Basic.Net</td>
<td>4</td>
</tr>
<tr>
<td>COMP2496</td>
<td>Capstone - Software Development</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits**

| 23 |

**Web Programming Certificate – [Redesign to 20 Credits]**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP2145</td>
<td>Web Programming</td>
<td>4</td>
</tr>
<tr>
<td>COMP2150</td>
<td>Web Services [XML]</td>
<td>4</td>
</tr>
<tr>
<td>COMP2300</td>
<td>Java</td>
<td>4</td>
</tr>
<tr>
<td>COMP2310</td>
<td>VB.NET</td>
<td>4</td>
</tr>
<tr>
<td>GCC1120</td>
<td>Graphic Software 1</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total Credits**

| 20 |

*Added Course.*

*Removed Course.*