Appendix D

CURRICULUM COMMITTEE CHECKLIST

NAME OF PROGRAM: Civil Engineering Technology Date: 4-30-12

Step 1 Reviewed change at division meeting.  YES ☐ NO ☐

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.  YES ☐ NO ☐

Instructional Dean’s signature

Step 4 Advisory Committee approval indicated in meeting minutes if necessary. Minutes provided to Curriculum Committee.  YES ☐ NO ☐

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

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

Step 7 Curriculum Committee approved.  X ☐

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

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Appendix C

New Program or Program Change Proposal Form

Date of Proposal: 4-27-2012
Author: Jay Stencil

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

Contact for the Program: Kathy Drummer

Program Name: Civil Engineering Technology  CIP Code: 128030

Division in Which Program is Currently or Will Be Held: Building and Manufacturing

Proposal Start (Term/Year): Fall, 2012

Program Description:
Replace Prefix of CDCR 1110 and CDCR 2110 with CTLS 1110 and CTLS 2110

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

Program Location: | Faribault Campus | North Mankato Campus | X | Online

Prerequisites: Math 125 for CTLS 2110

Number of Credits: 6

If There is a Program Change, Summarize Changes to the Program:
Replacing prefix of CDCR to CTLS

Rationale for Program Development or Program Change:
All classes appear under one prefix

What Impact Will this New Program or Change Have on Other Programs or Areas?
N/A

Are There Articulations With Other Colleges? List College(s):

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.
Civil Engineering Technology - Associate of Applied Science Degree

Degree Description
Here is a list of courses required to earn the Civil Engineering Technology Associate of Applied Science Degree.

For This Program:
Full Course Descriptions

Offered on the Faribault and North Mankato Campuses

Required Technical Courses (13 Courses)
Complete the following courses:
- CDR1110 - Basic Autocad (3 Credits)
- CDR2110 - Statics and Strengths of Materials (3 Credits)
- CTL1600 - Construction Contract Documents (4 Credits)
- CTL1605 - Civil Cad (3 Credits)
- CTL1810 - Introduction to Surveying (5 Credits)
- CTL1815 - Surveying II (5 Credits)
- CTL1820 - Materials Technology (4 Credits)
- CTL2815 - Civil Design (4 Credits)
- CTL2830 - Construction Estimating and Inspections (4 Credits)
- CTL2835 - Introduction to Land Surveying (3 Credits)
- CTL2840 - Introduction to Geographic Information Systems (GIS) (4 Credits)
- CTL2845 - Hydrology and Hydraulics (3 Credits)
- CTL2851 - Internship (4 Credits)

Required Liberal Arts & Sciences (4 Courses)
To complete an AAS Degree, students must complete 18-21 MNTC credits from 3 of the 10 MNTC Goal areas.
The following courses are required:
- ENGL100 - Composition (4 Credits)
- ENGL240 - Technical Communication (4 Credits)
- PHYS101 - Introductory Physics (3 Credits)
- COMM110 - Or
- COMM120 - Or
- interpersonal Communication (3 Credits)

Required Math Courses (1 Course)
Select one or two courses to complete the Math requirement
- MATH120 - College Algebra (4 Credits)
- And
- MATH125 - Trigonometry (3 Credits)
- Or
- MATH130 - Pre-Calculus (4 Credits)

Elective Credits
Choose 0 - 3 credits from any Technical or Liberal Arts and Sciences courses to total 70 credits in your program.
Courses must be approved by your program advisor.
Hi Lynn,

The following subject codes are already in place:

CTLS 1110, Basic AutoCAD, 3.0 credits
CTLS 2110, Statics and Strengths of Materials, 3.0 credits

Hope this helps answer your question. If not, maybe Donna can assist???

Jodie Karge
Registration
X7250 - NM