M O N T A N A   B O A R D   O F   R E G E N T S

LEVEL II REQUEST FORM

Item No.:	136-2851-R0707	Date of Meeting:	July 11-12, 2007
Institution:	**Montana State University-Great Falls COT**		
Program Title:	**Certificates To Certificates Of Applied Science**		

Level II proposals require approval by the Board of Regents.

Level II action requested (check all that apply):   Level II proposals entail substantive additions to, alterations in, or termination of programs, structures, or administrative or academic entities typically characterized by the (a) addition, reassignment, or elimination of personnel, facilities, or courses of instruction; (b) rearrangement of budgets, cost centers, funding sources; and (c) changes which by implication could impact other campuses within the Montana University System and community colleges. Board policy 303.1 indicates the curricular proposals in this category:

☒   1.   Change names of degrees (e.g. from B.A. to B.F.A.)
☐   2.   Implement a new minor or certificate where there is no major or no option in a major;
☐   3.   Establish new degrees and add majors to existing degrees;
☐   4.   Expand/extend approved mission; and
☐   5.   Any other changes in governance and organization as described in Board of Regents' Policy 218, such as formation, elimination or consolidation of a college, division, school, department, institute, bureau, center, station, laboratory, or similar unit.

Specify Request:

Montana Board of Regents' Policy 301.12, Undergraduate Degree Requirements: Associate Degrees and Certificates of Applied Science, adopted by the Board in May 2005, creates a Certificate of Applied Science as a new degree in the Montana University System. Before the adoption of that new policy, a Certificate was the only name available for such a credential.

A name change for a degree program (e.g., from Certificate to Certificate of Applied Science) ordinarily requires a Level II document with all of the supporting paperwork and information. This Level II request is being submitted, without the documentation, to change the following Certificates to Certificates of Applied Science:

     EMT-Intermediate 99
     Network Infrastructure

The programs' curricula have been modified and adopted by the College for the programs to comply with Montana Board of Regents' Policy 301.12. These changes have been approved by the College's Curriculum Committee and therefore the only action being requested by the Montana Board of Regents is in the name of the degree, which will become Certificates of Applied Science upon board approval.

MSU-Great Falls College of Technology requests approval from the Montana Board of Regents and the Montana University System to Re-title the College's Certificate in EMT-Paramedic to a Certificate of Applied Science in EMT-Intermediate 99.

The following curriculum has been approved by the College's Curriculum Committee and by the Montana Board of Regents at the May 2007 meeting.

EMT-Intermediat 99
Certificate of Applied Science

Fall Semester

Course No.		Title	Credits
AH	140	Pharmacology	2
AH	145	Introduction to Medical Terms	1
ENGL	119	Intro to College Writing **	4
COMM	135	Interpersonal Communication	3
EMT	137	EMT-Basic	6
			Subtotal 16

Spring Semester

Course No.		Title	Credits
MATH	161	Algebra s/Science App **	3
EMS	140	Intermediate I*	4
EMS	155	Intermediate II*	3
EMS	217	Intermediate III*	4
EMS	222	Intermediate I Clinical*	1
EMS	227	Intermediate II Clinical*	2
			Subtotal 17

Total Program Credits – 33~

+ A grade of "C" or above required for graduation | * Indicates prerequisites needed
| ** Placement in course(s) is determined by admissions assessment

~Many students need preliminary Math, English, and/or Computer courses before enrolling in the program required courses. These courses may increase the total number of program credits. Students should review their Math and English placement scores as well as high school transcripts with an advisor before planning out their full program schedule.

Network Infrastructure Certificate of Applied Science
MSU-Great Falls College of Technology requests approval from the Montana Board of Regents and the Montana University System to Re-title the College's Certificate in Network Technology to a Certificate of Applied Science in Network Infrastructure.

The following curriculum has been approved by the College's Curriculum Committee and by the Montana Board of Regents at the May 2007 meeting.

Required General Education Courses

Course #	Course Title	Credits
ENGL 121**+	Composition I	3
COM 135**+	Interpersonal Communication	3
MATH 108**+	Algebra for College Students **OR**	
MATH 130**+	Pre-calculus Algebra **OR**	
MATH 150 **+	Math for Liberal Arts **OR**	
MATH 181**+	Calculus	3/4

Required Technical Core Courses

Course #	Course Title	Credits
CIT 111+	Introduction to Computers	3
CIT 125**+	Fund of Voice and Data Cabling	3
CIT 126*+	Networking Fundamentals	3
CIT 176*+	Routers and Routing Basics	3
CIT 226*+	Switching Basics & Int. Routing	3
CIT 276*+	Introduction to WAN Technologies	3
CIT 272*+	PC Troubleshooting/Maintenance	3

Total Program Credits 30-31

Program Outcomes:
Upon the completion of the Networking Infrastructure Certificate students should be prepared to:

- Demonstrate an entry level understanding of network infrastructure cabling.
- Install and basically configure network routers and switches.
- Pass the Cisco Certified Network Associate industry standard certification exam with at least an 80%.
- Pass the CompTIA A+ industry standard certification exam battery with at least an 80%.
- Obtain and keep an entry level computer networking professional position in the workforce.