Montana Department of LABOR & INDUSTRY

Summary of Land Surveying Education

This form is to be completed by Professional Land Surveyor applicants who are applying through an education pathway. Applicants who have completed the following board approved programs do not need to complete this form:

1) The A.A.S. degree program at Flathead Valley Community College
2) An engineering degree with a minor in land surveying at Montana State University in Bozeman
3) A Civil Engineering Technology degree with Land Surveying Certificate from Montana Tech

All other education pathway applicants are to use this form to demonstrate how their coursework meets the definition of "Board-approved curricula" as stated in ARM 24.183.303. Review the transcripts and course descriptions you have provided with your application. You may list course work from multiple institutions on this form.

For each course, indicate the course name and number as it appears on official transcripts. Indicate only those courses for which credit was given.

APPLICANT NAME:_____

DEGREES EARNED:_____

TOTAL CREDITS CLAIMED:_____(minimum 60 semester credits required)

1. SURVEYING TECHNIQUES COURSES Examples include:
   - Basic field survey techniques (traversing, leveling, GPS, note keeping and records, etc.)
   - Basic survey calculations (field data reduction, traverse entry, etc.)
   - Creating topographic maps by field measurements
   - Construction surveying
   - Route surveying
   - Creating or analyzing maps and images with photogrammetric or remote sensing methods

Course	Credits Earned
Total (Minimum 11 required):	

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2. PRINCIPLES AND PRACTICE OF LAND SURVEYING COURSES Examples include:
   - In depth study of the Public Land Survey System (PLSS)
   - Surveying calculations for boundary analysis and aliquot part subdivision of sections
   - Legal principles of property boundaries
   - Writing and interpreting legal descriptions
   - Land development design and local/state regulations
   - Montana laws concerning surveying (statutes, administrative rules, case law)
   - Public records research
   - Advanced survey-grade GPS control and analysis

Course	Credits Earned
Total (Minimum 16 required):	

3. BASIC EDUCATIONAL COURSES

Course	Credits earned
Total (33 required):	

4. ENGLISH

Course	Credits Earned
Total (6 required):	

5. MATHEMATICS

Course	Credits Earned
Total (7 required):	

6. DRAFTING

Course	Credits Earned
Total (6 required):	

7. BASIC SCIENCE

Course	Credits Earned
Total (9 required):	

8. HUMANITIES, SOCIAL SCIENCE

Course	Credits Earned
Total (5 required):	