LCB File No. R189-99

PROPOSED REGULATION OF THE
COMMISSION ON PROFESSIONAL STANDARDS IN EDUCATION

NOTICE OF INTENT TO ADOPT A REGULATION

The Commission on Professional Standards in Education will be conducting a public hearing on the attached regulations on December 3, 1999.

WORKSHOP

Proposed Changes to Align Comprehensive Math Minor Endorsement with Math (without calculus) Endorsement

NAC 391.13043   Major or minor in mathematics. (NRS 391.019)
  1.   A comprehensive major in mathematics consists of 36 semester hours of credit which must include:
  (a) At least 27 semester hours of credit in courses in methods of teaching mathematics and courses involving:
      (1) Euclidean and noneuclidean geometry;
      (2) Probability or combinatorics;
      (3) The theory of numbers and solving problems;
      (4) Computer application and programming;
      (5) Statistics or data analysis;
      (6) Linear algebra;
      (7) Abstract or modern algebra;
      (8) Finite mathematics or discrete processes; and
      (9) If necessary to complete 27 semester hours of credit:
        (I) The history of mathematics;
        (II) Numerical analysis;
        (III) An analysis of the real numbers system;
        (IV) Differential equations; and
        (V) Data structures and advance programming.
  (b) At least 9 semester hours of credit in courses involving:
      (1) Differential calculus;
      (2) Integral calculus; and
      (3) Multivariable calculus.
  2.   A recipient of a comprehensive major in mathematics may teach in grades 7 to 12, inclusive, any course in mathematics included in the course of study adopted by the board.
  3.   A comprehensive minor in mathematics consists of 24 semester hours of credit in courses in methods of teaching mathematics and courses involving:
  (a) Euclidean and noneuclidean geometry;
  (b) Probability or combinatorics;
  (c) The theory of numbers and solving problems;
  (d) Computer application and programming;
  (e) Statistics or data analysis;
  (f) Differential calculus; and
  (g) If necessary to complete 24 semester hours of credit:

      (1) Integral calculus;
      (2) Multivariable calculus;
      (3) The history of mathematics;
      (4) Finite mathematics or discrete processes;
      (5) Linear algebra;
      (6) Abstract and modern algebra;
      (7) Differential equations; and
      (8) Data structures and advance programming.

    4.   A recipient of a comprehensive minor in mathematics may teach in grades 7 to 12, inclusive, any course in mathematics included in the course of study adopted by the board up to and including Algebra II and Geometry I. *A mathematics (without calculus) endorsement issued prior to January 14, 1998 is equivalent to the comprehensive minor in mathematics.*

    5.   To renew a comprehensive major or minor in mathematics, the holder must complete at least 6 semester hours of course work before the endorsement expires.

    6.   A person who receives an endorsement to teach mathematics on or after January 14, 1998, must complete a course in the methods of teaching mathematics to renew the endorsement.