PROPOSED REGULATION OF THE COMMISSION ON

PROFESSIONAL STANDARDS IN EDUCATION

LCB File No. R094-97

August 14, 1997

EXPLANATION--Matter in italics is new; matter in brackets [ ] is material to be omitted.

AUTHORITY: NRS 391.019.

Section 1. NAC 391.13043 is hereby amended to read as follows:

391.13043 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.

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. **[**If a course in methods of teaching mathematics was not required for obtaining the initial endorsement, a**]** *A* person who **[**received**]** *receives* an endorsement to teach mathematics **[**before January 11, 1996,**]** *on or after January 1, 1998,* must complete **[**such**]** a course *in the methods of teaching mathematics* to renew the endorsement.

Sec. 2. The amendatory provisions of this regulation become effective on January 1, 1998.