OMMISSION ON TEACHER CREDENTIALING

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OFFICE OF THE EXECUTIVE SECRETARY

86-8708

December 17, 1986

TO: All Individuals and Groups Interested in the
             Activities of the Commission on Teacher Credentialing

FROM: Richard K. Mastain, Executive Secretary

SUBJECT: Proposed Title 5 Regulations for Computer
             Education Coursework for the Clear Teaching
             Credential

In accordance with Commission policy, proposed Title 5
Regulations, Section 80032.2, are being distributed prior to
public hearing. The public hearing is scheduled as follows:

> February 5, 1987
> 1:30 p.m.
> Capitol Plaza Holiday Inn
> 300 J Street
> Sacramento, California

Existing law specifies that commencing July 1, 1988 the minimum
requirements for a clear teaching credential shall include the
satisfactory completion of computer education coursework. In
carrying out its responsibilities under existing law, the
Commission on Teacher Credentialing is authorized to establish
regulations providing for general and specialized skills in the
use of computers in educational settings.

The reason for each of the subsections of the proposed Title 5
Regulations are as follows:

- Subsections 80032.3(a)(1)-(4) are necessary
  to establish a consistent procedure whereby
  higher education institutions with Commission-
  approved programs of teacher preparation may
  verify that candidates have successfully
  demonstrated the skills and knowledge
  stipulated in the regulations.

- Subsections 80032.3(b)(1)-(4) are necessary
  to clarify and establish a common set of
  definitions for important terminology used
  in these regulations.

* Subsections 80032.3(c)(1)-(5) are necessary
  to deliniate the general and specific skills
  and knowledge appropriate to the use of
  computers in educational settings required
  of all candidates for the Clear Multiple or
  Single Subject Teaching Credential.

Please feel free to duplicate and distribute these proposed
Title 5 Regulations to anyone you believe might be interested in
responding. If you wish to make a presentation regarding the
above to the Commission, please bring 30 copies of your material
for distribution to the Commissioners and staff. If you can
provide your statement to the Commission office fifteen days prior
to the public hearing, sufficient copies of the material will be
duplicated and distributed for Commission and staff use. We
would also appreciate a call to the Commission office if you plan
to make a presentation in order to schedule sufficient time on
the agenda for people who wish to address the Commission. If
you do not want to make a presentation or submit a statement
regarding the proposed Title 5 Regulations, you can reply on the
Response Form found on the last page. This response must be
received at the Commission office by January 2, 1987 in order to
allow staff time to prepare it for Commission review.

Title 5 Regulations: Computer Education

80032.3. Computer Education Coursework for the Clear Teaching Credential

(a) Commencing July 1,1988, successful completion of coursework in computer education shall be a requirement for the clear teaching credential. This requirement may be satisfied by a course of study offered or accepted by a college or university which has a Commission-approved program of teacher preparation.

Each college or university recommending the applicant for a Clear Multiple or Single Subject Teaching Credential shall submit a plan for Commission approval indicating how this requirement will be met. Each plan submitted to the Commission shall include but not be limited to the following:

(1) A description of the program elements which lead to the demonstration of the knowledge and skills as established herein;

(2) A description of how such program elements relate to each specified knowledge and skill area for each credential;

(3) A description of any program options available to each candidate for acquiring the knowledge and skills as established herein; and

(4) A description of the institution's procedures for giving partial or full credit or establishing equivalency toward the completion of this requirement which may include, but not be limited to previous experience, or coursework taken at other postsecondary institutions, including those out-of-state, college or university extension programs, and state-supported Teacher Education and Computer Centers.

(b)   For the purpose of these regulations, the following definitions apply.

   (1)   "computer-based technology": technologies based on the computer such as, telecommunications, interactive video and compact disks.

   (2)   "system components": hardware such as printers, monitors, modems, disk drives, and other peripherals that work together in a system.

   (3)   "telecommunications": the use of computers, modems, and telephone lines to move information and data over extended distances.

   (4)   "networking": terminals and or computers, linked for the purpose of moving information from one place to another.

(c)   Commencing July 1, 1988, all Commission-approved institutions that recommend candidates for the Clear Multiple or Single Subject Teaching Credential shall provide evidence that the candidate has successfully completed a program in which he or she was required to do the following:

   (1)   Identify issues involved in the access to, use, and control of computer-based technologies in a democratic society, including, but not limited to:

      (A)   the potential for positive and negative impacts upon the quality of life in the workplace, the home, the market place, and leisure activities;

      (B)   the moral, legal, and ethical implications; and

      (C)   the economic and social implications including the need to provide equitable access to the benefits of technology.

   (2)   Demonstrate:

      (A)   knowledge of basic operations, terminology, and capabilities of computer-based technology; and

      (B)   use of computer hardware, software, and system components for their various functions.

   (3)   Appropriate to the subject area and grade level, demonstrate a basic understanding of and an ability to use representative programs from each of the following categories: