MARYLAND STATE DEPARTMENT OF EDUCATION
Preparing World-Class Students

Bernard J. Sadusky, Ed.D.
Interim State Superintendent of Schools

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TO: Members of the State Board of Education

FROM: Bernard J. Sadusky, Ed.D. BJS

DATE: April 24, 2012

SUBJECT: COMAR 13A.12.02.06, General Secondary Areas (Grades 7-12)
COMAR13A.12.02.15, Trades and Industry (Grades 7-12)
COMAR13A.12.02.17, Other Academic Subjects (Grades 7-12)
AMEND

APPROVAL

PURPOSE:

The purpose of this item is to request your approval of proposed amendments to three regulations: COMAR 13A.12.06, General Secondary Areas (Grades 7-12), COMAR13A.12.02.15, Trades and Industry (Grades 7-12), and COMAR13A.12.02.17, Other Academic Subjects (Grades 7-12), and and to present an analysis of the comments received regarding these regulations.

BACKGROUND INFORMATION:

These amended regulations incorporate recommendations of the Work Group whose members included local Directors of Career and Technology Education, principals of Career and Technology Education Centers, local school system human resource personnel, and representatives from higher education teacher preparation programs.

In addition to repealing specific CTE related certification areas, namely, Data processing, Family and Consumer Sciences/Technology Education, and Marketing Education-Teacher Coordinator), the proposed changes include:

- Contemporizing the name of the existing certification area;
- Eliminating the experience requirement for an applicant whose preparation was from an approved program in career and technical education;
- Eliminating references to degrees in outdated areas;
- Reducing the number of years in the career area to meet the occupational experience requirement;
- Accepting a Department-approved, industry recognized certification for one year of the occupational experience;
- Customizing the professional education course work to the specific group of applicants; and

- Recognizing the governance of State licensure and regulatory authorities over the career area to be taught.

The Professional Standards and Teacher Education Board (PSTEB) granted permission to publish the proposed regulatory changes at its October 6, 2011 meeting. Subsequently, you reviewed the proposed changes at your December 6, 2011 meeting and determined that a Joint Conference Committee was not needed.

A copy of the proposed regulations as they appeared in the *Maryland Register* on January 27, 2012 is attached; the public comment period ended February 27, 2012. Attached is an analysis of those comments. The proposed regulation does not have any economic impact nor does it have any impact on individuals with disabilities. There is no corresponding federal standard for this proposed action.

SUMMARY:

A Work Group of key constituents met to discuss and recommend changes to certification areas related to Career and Technical Education. Proposed changes include repealing certain existing regulations and revising the Trades and Industry regulation to include a name change, revised professional education course, and changes in the occupational experience requirement. Name changes to COMAR 13A.12.06, General Secondary Areas (Grades 7-12), and COMAR13A.12.02.17, Other Academic Subjects (Grades 7-12), were also recommended.

ACTION:

I am requesting approval of proposed changes to COMAR 13A.12.06, General Secondary Areas (Grades 7-12), COMAR13A.12.02.15, Trades and Industry (Grades 7-12), and COMAR13A.12.02.17, Other Academic Subjects (Grades 7-12).

BJS: jes
Attachments

ATTACHMENT 1

Estimate of Economic Impact
The proposed action has no economic impact.

Economic Impact on Small Businesses
The proposed action has minimal or no economic impact on small businesses.

Impact on Individuals with Disabilities
The proposed action has no impact on individuals with disabilities.

Opportunity for Public Comment
Comments may be sent to Jacqueline La Flandra, Assistant Attorney General, Office of the Attorney General, 200 St. Paul Place, 19th Floor, Baltimore, MD 21201, or call 410-576-6465, or email to jlaflandra@oag.state.md.us, or fax to 410-576-6309. Comments will be accepted through February 27, 2012. A public hearing has not been scheduled.

Open Meeting
Final action on the proposal will be considered by the Maryland State Board of Education during a public meeting to be held on March 27—28, 2012, at 200 West Baltimore Street, Baltimore, MD 21201.

.02 Appeal Contents.
A. (text unchanged)
B. Deadlines.
(1)—(2) (text unchanged)
(3) [An] *For appeals taken on or after April 1, 2011, an* appeal shall be deemed to have been transmitted within the 30-day period of time permitted under §B(1) of this regulation if, before the expiration of the time, it has been:
(a) (text unchanged)
(b) Deposited in the United States mail as registered or certified mail[, Express Mail, or deposited with a delivery service, *such as Fed Ex, UPS, or DHL, that provides verification or tracking of the item from the point of origin.*
(4)—(5) (text unchanged)
C.—D. (text unchanged)

BERNARD J. SADUSKY, Ed.D.
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Subtitle 12 CERTIFICATION

13A.12.02 Teachers

Authority: Education Article, §§2-205, 2-303(g), and 6-701—6-705, Annotated Code of Maryland

Notice of Proposed Action
[12-026-P]

The Professional Standards and Teacher Education Board proposes to amend Regulations .06, .15, and .17, repeal Regulations .07, .08, .09, .10, .11, and .14; and adopt new Regulation .28 under COMAR 13A.12.02 Teachers. This action was considered at the Professional Standards and Teacher Education Board meeting on November 3, 2011.

Statement of Purpose
The purpose of this action is to recommend the repeal of specific teacher certification areas, to recommend amendments to specific teacher certification areas, and to propose a new regulation for teacher certification.

Comparison to Federal Standards
There is no corresponding federal standard to this proposed action.

Estimate of Economic Impact
The proposed action has no economic impact.

Economic Impact on Small Businesses
The proposed action has minimal or no economic impact on small businesses.

Impact on Individuals with Disabilities
The proposed action has no impact on individuals with disabilities.

Opportunity for Public Comment
Comments may be sent to Jean Satterfield, Assistant State Superintendent, Certification and Accreditation, Maryland State Department of Education, 200 West Baltimore Street, Baltimore, MD 21201, or call 410-767-0385, or email to jsatterfield@msde.state.md.us, or fax to 410-333-8963. Comments will be accepted through February 27, 2012. A public hearing has not been scheduled.

Open Meeting
Final action on the proposal will be considered by the Professional Standards and Teacher Education Board during a public meeting to be held on April 5, 2012, 9 a.m., at 200 West Baltimore Street, Baltimore, MD 21201.

.06 Certification in General Secondary [Academic] *Content* Areas (Grades 7—12).
A. To receive certification in the areas of agriculture (agribusiness and renewable natural resources), biology, business education, chemistry, computer science, earth/space science, English, [foreign language—classical, foreign language—modern,] *environmental science, family and consumer sciences,* geography, history, *marketing,* mathematics, physical science, physics, speech communication, *technology education,* and theater, the applicant shall:
(1)—(3) (text unchanged)
B.—C. (text unchanged)

.15 [Trades and Industry] *Professional and Technical Education* (Grades 7—12).
A. To receive certification in [trades and industry] *professional and technical education* (grades 7—12), the applicant shall complete one of the following options:
(1) Option I:
[(a)] An applicant shall earn a bachelor's or higher degree in a state-approved [vocational education] *career and technical* program from an IHE[,]. [and provide official verification of 2 years of previous satisfactory occupational experience in the trade to be taught;
(b) The occupational experience in §A(1)(a) of this regulation shall:
(i) Be within 10 years of the issuance of the certificate; and
(ii) Include 1 year full-time employment;
(c) A graduate of a career and technology education program in the practice of the trade to be taught, with a minimum 3.0 grade point average in course work related to the trade to be taught, shall earn credit for 6 months occupational experience under §A(1)(a) of this regulation;]
(2) Option II:
(a) An applicant shall have a bachelor's or higher degree in [industrial arts/technology education, industrial technology, or in the trade] *the career area* to be taught from an IHE[,]; and [provide official verification of 2 years of previous satisfactory occupational experience in the trade to be taught;

(b) The occupational experience in §A(2)(a) of this regulation shall:

(i) Be within 10 years of the issuance of the certificate; and

(ii) Include 1 year full-time employment;

(c) A graduate of a career and technology education program in the practice of the trade to be taught, with a minimum 3.0 grade point average in course work related to the trade to be taught, shall earn credit for 6 months occupational experience under §A(2)(a) of this regulation;]

[(d)] *(b)* An applicant shall meet the professional education course work required in §B of this regulation[;].

(3) Option III:

(a) An applicant shall earn an associate degree in the [trade] *career area* to be taught or a bachelor's or higher degree from an IHE, and provide official verification of [3] *2* years of previous satisfactory occupational experience in the [trade] *career area* to be taught;

(b) (text unchanged)

(i) (text unchanged)

(ii) Include 1 year full-time employment; *or*

(iii) The applicant may substitute a Department-accepted, current industry recognized credential for the 1 year employment requirement; and

[(c) A graduate of a career and technology education program in the practice of the trade to be taught, with a minimum 3.0 grade point average in course work related to the trade to be taught, shall earn credit for 6 months occupational experience under §A(3)(a) of this regulation;]

[(d)] *(c)* An applicant shall meet the professional education course work required in §B of this regulation[; or].

(4) Option IV:

(a) An applicant shall have a secondary school diploma or the equivalent, and official verification of [5] *3* years of previous satisfactory occupational experience in the [trade] *career area* to be taught;

(b) (text unchanged)

(i) (text unchanged)

(ii) Include 2 years full-time employment; *or*

(iii) The applicant may substitute a Department-accepted, current industry recognized credential for 1 year of the 2 year employment requirement; and

[(c) A graduate of a career and technology education program in the practice of the trade to be taught, with a minimum 3.0 grade point average in course work related to the trade to be taught, shall earn credit for 6 months occupational experience under §A(4)(a) of this regulation;]

[(d)] *(c)* An applicant shall meet the professional education course work as required in §B of this regulation.

B. Professional Education Courses.

(1) With the exception of an applicant under §A(1) *Option I* of this regulation, the [trades and industry] *professional and technical education* applicant shall complete [the approved trade-related and industrial related] *12 credits of* professional education course work, as provided by §B(2) of this regulation, from an IHE[. A maximum of 9 semester hours of credit may be earned through CPDs.] *or through Department-approved Continuing Professional Development credits.*

(2) The professional education course work shall include *the following topics:*

[(a) 6 semester hours of curriculum/methods of teaching/practicum, which shall be completed before the second year of teaching, and which include:

(i) 3 semester hours to be completed during the first year of teaching; and

(ii) 3 semester hours which may be earned through an approved supervised mentored experience;

(b) 3 semester hours of student performance assessment and evaluation;

(c) 3 semester hours of teaching students with special needs;

(d) 3 semester hours of teaching reading/writing; and

(e) 6 semester hours of course work related to teaching the math or science basis of the trade, or both, or 3 semester hours in an integrated course related to teaching the math and science basis of the trade.]

(a) Planning, delivering, and assessing instruction;

(b) Managing an effective classroom and minimizing risk;

(c) Differentiating instruction to accommodate special needs; and

(d) Providing reading, writing, and mathematics literacy instruction relevant to the career area.

C. The applicant shall be governed by current licensure, certification, or registration regulations administered by professional organizations or legally constituted authorities in the State in the career area to be taught.

.17 Other [Academic Subjects] *Content Areas* (Grades 7—12).

A. To receive certification at the secondary school level (grades 7—12) in a certification area other than the certification areas listed Regulations .06[—.16] *, .13, .15, and .16* of this chapter, the applicant shall:

(1) Complete 30 semester hours or more of content course work taken at an IHE in the specific [academic subject] *content* area; and

(2) (text unchanged)

B. (text unchanged)

.28 World Languages (Prekindergarten — Grade

A. To receive certification in world languag[illegible] list of which is maintained by the [illegible]rtment, the applicant [illegible] meet one of the following options:

(1) Option 1:

(a) Earn a bac[illegible]'s or higher d[illegible] from an institution of higher education (IHE) [illegible] major in o[illegible] world language; or

(b) Complete a [illegible]imum of [illegible] semester hours of content coursework in one world l[illegible]age ta[illegible]t an IHE, and

(c) Complete 21 [illegible]ster [illegible]rs of professional education course work taken at an IH[illegible] [illegible]e at least one 3 semester hour course in each of the follow[illegible]

(i) Human growth [illegible]evelopment;

(ii) Human learn[illegible]

(iii) Methods of [illegible]g world languages;

(iv) Inclusion [illegible] needs student populations;

(v) Assessmen[illegible]ts; and

(d) 6 semester [illegible]rs co[illegible]g the following which may also be taken through Depar[illegible]nt-appr[illegible]d CPDs:

(i) Types [illegible]ading;

(ii) Use[illegible]f reading[illegible]ssessment data to improve instruction;

(iii) S[illegible] in reading i[illegible]ing cognitive strategies in reading;

(iv) [illegible]eading instructio[illegible]cluding reading aloud strategies an[illegible]ethods for diagnosi[illegible]eading difficulties and making inst[illegible]ional modifications an[illegible]commodations for the student;

(v) Strategies for intrinsic an[illegible]rinsic motivation for reading;

(vi) Teaching students to learn [illegible] text by applying theori[illegible]trategies, and practices in daily cl[illegible]om use including additional content in types of reading using authentic texts;

ATTACHMENT 2

Analysis of Written Testimony Concerning
Proposed Regulations, COMAR 13A.12.02.06, .07, .08, .09, .10, .11, and .14
Presented to the Maryland State Board of Education
April 24, 2012

Writer: Dan Schaffhauser, Principal, Center of applied Technology North, Anne Arundel County Public Schools

Comments: As the current principal of a Career and Technical Education facility in Maryland, I believe the recommended changes to be appropriate and conducive to expanding the pool of potential T& I instructors. Additionally, I believe the proposed changes will ensure those candidates selected will be required to complete a process that is comprehensive enough to result in an adequate starting point for their professional development.

Writer: Shelley Johnson, Director, Teacher's Institute, Goucher College

Comments: I am delighted to see much-needed changes being proposed to COMAR for Career and Technology Education certification areas. Much of the language was old and truly did not describe the vibrant college and career pathways that are now available to Maryland students.
I also suggest deleting the words in parentheses (agribusiness and renewable natural resources) and renaming the area "agriculture".

Staff response: Staff concurs with renaming the area to "agriculture".

Writer: Penny Post, Human Resources Specialist-Certification, Anne Arundel County Public Schools

Comments: The title, *Trades and Industry*, is badly outdated and does not accurately reflect the current content of Career and Technology Programs (CTE). The title change to *Professional and Technical Education* represents a contemporary view of the career options offered through CTE programs across the State of Maryland.

In addition, we support the repeal of several subject area regulations and moving those subjects under General Secondary Content Areas. This action unifies initial certification requirements for all Career and Technology Education (CTE) certification areas. These changes may increase the pool of qualified candidates and allow for more efficient transitioning from a successful career in private industry or government, to teaching CTE in a public school system.

Some CTE subjects require a bachelor's degree. The transcript analysis route to certification for these subjects will now fall under the same general requirements as other secondary subject areas. This change in content area requirements may allow more flexibility with the acceptance of certain degree programs and content course work.

The deletion and revision of portions of the regulations recognizes and values career and technical education teacher preparation programs as equal to teacher preparation programs in other subject areas. Options I and II in particular, give greater weight to academic preparation in the career to be taught.

These changes are long overdue.

Writer: George Phillips, Career and Technology Education Director, Washington County

Comments: With the cost of credits continuing to spiral out of control and local school systems able to assist teachers only partially, it can become prohibitively expensive both in money and time for an individual to transition from industry/business to teaching. I have had several highly knowledgeable people from industry/business turn down teaching job offers once they learned how many courses and in the small amount of time, they need to accomplish just to keep their teaching jobs. Therefore, I support streamlining the professional education course work requirements.

Writer: Mike Shealey, Director, Maryland Center for CTE Studies

Comments: I am concerned about the proposed changes in the section entitled Professional Education courses. It appears that the proposed requirement is reducing the number of credits required for certification from the current 21 credit level. It also appears that instead of required courses, the proposed regulation would only "briefly" define topics. This seems much too open and loosely stated to ensure direction for the T&I teacher development. For those individuals entering the T&I profession after a long trade or technical career, there is an even greater need for a strong program of pedagogical development experiences. I suggest increasing the professional course requirement by 9 credits to a total of 30 credits for the initial certificate.

Staff response: Staff does not concur. Existing regulations specify required topics, not courses; this regulation does the same. Streamlining the professional education course requirements for this group of individuals removes an obstacle for recruiting talented individuals from business/industry into the teaching profession.

Writer: Rhonda Hoyman, retired Technical Program Coordinator, Baltimore County Public Schools

Comments: I believe that the number of credits for the professional education requirements should be increased even to the point of working toward an AA degree with up to 20 credits given for passing a trade competency examination or maintaining current industry certification. Also giving a year of credit for employment is good but it would be better if the industry certification was used to replace or modify the Basic Skills assessment for non-degree instructors. A Praxis I preparation

course should at least be required if this requirement (presenting qualifying scores on Praxis I) is kept.

Staff response: Staff does not concur. The Department does not award college credits; these are awarded by colleges/universities. The regulation does accept a Department-accepted, current industry-recognized credential for one year of the employment requirement. The basic skills assessment is a requirement for all beginning teachers, both degreed and non-degreed. Since we do not require a Praxis preparation course for other certification areas, we do not need to require a preparation course for these areas.