

STATE BOARD OF EDUCATION
Action Item
November 16, 2016

SUBJECT: Approval of Amendments to Rules 6A-4.002, General Provisions and 6A-4.004, Florida Educator's Certificates

PROPOSED BOARD ACTION

For Approval

AUTHORITY FOR STATE BOARD ACTION

Sections 1001.02, 1012.55, 1012.56, Florida Statutes

EXECUTIVE SUMMARY

Proposed Rule 6A-4.002, F.A.C., is recommended for amendment to adopt language to clarify general provisions for acceptable means of satisfying subject area mastery and to allow acceptance of successful completion of the Basic Program of the Defense Language Institute (DLI) and passing scores on the Defense Language Proficiency Test (DLPT).

Changes are proposed to:

- specify passing scores of two (2) or higher on the DLPT reading and listening subtests; and
- insert a reference to the Basic Program of the DLI as an acceptable means of demonstrating subject area mastery.

Proposed Rule 6A-4.004, F.A.C., is recommended for amendment to update specifications for issuance of a standard, renewable Professional Certificate and to add alternative requirements for certification in a science, technology, engineering or math (STEM) area in grades 6-12.

Changes are proposed to:

- specify the eligibility and application requirements for issuance of a standard Professional Certificate;
- insert reference to renewal and reinstatement provisions for a Professional Certificate;
- As alternative requirements for a Professional Certificate:
 - specify an advanced degree in a STEM major from an acceptable institution;
 - specify teaching a STEM high school course with a corresponding standardized state or national exam, identified on the incorporated Florida STEM Course List;
 - specify use of the incorporated STEM-2016 form for district verification of the summative performance evaluation rating of highly effective based in part on student performance for the identified STEM high school course; and
 - specify the achievement of passing scores on educator certification exams.

Supporting Documentation Included: Proposed Rules 6A-4.002 and 6A-4.004; Florida STEM Course List; and District Verification Form-STEM 2016

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6A-4.002 General Provisions.

(1) through (3) No change.

(4) Examinations. The examinations used for demonstration of mastery of general knowledge, professional education competence, and subject area knowledge shall be aligned with student standards approved by the State Board of Education pursuant to Sections 1012.56(4) and (9)(f), F.S. and Rule 6A-1.09401, F.A.C.

(a) through (d) No change.

(e) Achievement of a passing score of a two (2) or above on the reading subtest and a two (2) or above on the listening subtest of the Defense Language Proficiency TEST (DLPT) shall satisfy subject area specialization requirements and mastery of subject area knowledge in the comparable certification in a world language. Official documentation of successful completion of the Defense Language Institute Foreign Language Center (DLI) program as specified in Rule 6A-4.0243, F.A.C., may also be used to satisfy subject area specialization requirements and mastery of subject area knowledge

(f) Effective for tests administered on or after July 1, 2015, achievement of passing scores, as identified by the State Board of Education pursuant to subsection 6A-4.0021(12), F.A.C., on test sections of the Graduate Record Examination (GRE) revised General Test shall satisfy the requirement for mastery of general knowledge as demonstrated on the comparable and relevant subtests of the General Knowledge (GK) Test of the Florida Teacher Certification Examinations (FTCE), as follows:

1. The Analytical Writing section of the Graduate Record Examination (GRE) revised General Test shall be acceptable as equivalent to the General Knowledge (GK) Essay subtest.

2. The Quantitative Reasoning section of the Graduate Record Examination (GRE) revised General Test shall be acceptable as equivalent to the General Knowledge (GK) Mathematics subtest.

3. The Verbal Reasoning section of the Graduate Record Examination (GRE) revised General Test shall be acceptable as equivalent to both the General Knowledge (GK) English Language Skills and the General Knowledge (GK) Reading subtests.

(5) through (6) No change.

Rulemaking Authority 1001.02, 1012.55, 1012.56 FS. Law Implemented 1001.10(5)(b), 1012.55, 1012.56 FS. History—New 4-10-64, Amended 4-8-68, 4-11-70, 10-18-71, 3-19-72, 12-18-72, 6-17-73, 4-19-74, Repromulgated 12-5-74, Amended 6-22-76, 6-27-77, 12-26-77, 4-27-78, 7-1-79, 7-2-79, 6-26-80, 7-28-81, 1-3-82, 5-11-82, 6-22-83, 3-28-84, 1-31-85, 3-13-85, Joint Administrative Objection Filed – See FAR Vol. 12, No. 11, March 14, 1986, Formerly 6A-4.02, Amended 12-25-86, 10-18-88, 10-

10-89, 4-15-91, 11-10-92, 5-30-94, 11-13-96, 10-15-01, 12-27-04, 7-27-06, Joint Administrative Procedures Committee objection resolved by Chapter 86-156, Laws of Florida, Florida Administrative Register Vol. 35, No. 27, July 10, 2009, Amended 1-1-14, 12-31-14, 10-26-15, 6-23-16.

6A-4.004 Florida Educator’s Certificates with Academic, Administrative, Degreed Career and Technical, and Specialty Class Coverages.

A Florida educator’s certificate is issued to an applicant with academic, administrative, degreed career and technical, and specialty class coverages as specified below.

(1) No change.

(2) Professional certificate. ~~The professional certificate is the highest type of full time certificate issued. The professional certificate is issued to an applicant who meets the requirements as specified in Sections 1012.56(1), (2), (3), (5) and (6), F.S. However, if a subject area test has not been developed and the absence of such test prohibits an individual from obtaining a professional certificate or adding a subject to a professional certificate, the employing Florida district superintendent or chief administrative officer of a state supported or nonpublic school may verify the attainment of the essential subject matter competencies.~~

(a) The professional certificate is the standard, renewable type of certificate issued by the Department of Education to an applicant who meets the following eligibility requirements:

1. Completes the application requirements as specified in Rule 6A-4.0012, F.A.C., and,
2. Satisfies all eligibility criteria specified in Section 1012.56(2), F.S.

(b) A standard, renewable professional certificate covering a science, technology, engineering or mathematics (STEM) subject in grades 6 through 12 may be issued to an applicant who meets the following eligibility requirements:

1. Completes the application requirements as specified in Rule 6A-4.0012, F.A.C.;
2. Satisfies the eligibility criteria specified in subparagraphs (a) through (h) of Section 1012.56(2), F.S.;
3. Holds a master’s or higher degree in a STEM area from an acceptable institution as defined in Rule 6A-4.003, F.A.C.;
4. Achieves a passing score on the Florida professional education test; and,
5. Achieves a “summative evaluation rating” of highly effective on the teacher’s most recent annual

performance evaluation assessed by an evaluation system approved pursuant to Rule 6A-5.030, F.A.C. The summative evaluation rating must be based in part on teaching a high school course in the same STEM subject area as the teacher's advanced degree for which student performance is measured by one of the following:

- a. A Florida statewide, standardized assessment;
- b. An Advanced Placement (AP) examination;
- c. An Advanced International Certificate of Education (AICE) examination; or
- d. An International Baccalaureate (IB) examination.

The district shall verify, using the district verification form, "STEM-2016" (DOS link) (effective December 2016), which is herein incorporated by reference and made part of this rule, that its calculation of the highly effective summative evaluation rating is based in part on the performance of students as measured by one of the above specified statewide, standardized or national assessments for a high school course listed in the publication, "Florida STEM Course List," (DOS link) (effective December 2016), which is herein incorporated by reference and made a part of this rule. Both incorporated documents may be obtained without cost from the Bureau of Educator Certification, Department of Education, 325 West Gaines Street, Tallahassee, Florida 32399.

(c) The standard professional certificate may be renewed or extended based on provisions specified in Rule 6A-4.0051, F.A.C.

(3) through (8) No change.

Rulemaking Authority 1001.02, 1012.55, 1012.56 FS. Law Implemented 1012.55, 1012.56 FS. History—New 4-20-64, Amended 4-8-68, 7-7-68, 4-11-69, 4-11-70, 9-17-72, 8-17-74, Repromulgated 12-5-74, Amended 11-9-76, 7-1-79, 8-27-80, 1-3-82, 4-26-84, 11-18-84, 6-18-85, Formerly 6A-4.04, Amended 12-25-86, 10-18-88, 9-12-89, 12-4-89, 4-15-91, 10-10-91, 5-3-94, 10-15-01, 12-27-04, 11-26-08, 3-5-14.

Florida STEM Course List

Exam	Course Name	Course Number	Certification 6-12
IB	Biology 1	2000805	Biology
IB	Biology 2	2000810	Biology
IB	Biology 3	2000820	Biology
IB	Astronomy 1	2001800	Earth-Space Science
IB	Astronomy 1	2001800	Physics
IB	Astronomy 2	2001810	Earth-Space Science
IB	Astronomy 2	2001810	Physics
IB	Environmental Systems & Societies 1	2001370	Chemistry
IB	Environmental Systems & Societies 1	2001370	Biology
IB	Environmental Systems & Societies 1	2001370	Earth-Space Science
IB	Environmental Systems & Societies 2	2001375	Chemistry
IB	Environmental Systems & Societies 2	2001375	Biology
IB	Environmental Systems & Societies 2	2001375	Earth-Space Science
IB	Marine Science 1	2002800	Chemistry
IB	Marine Science 1	2002800	Earth-Space Science
IB	Marine Science 1	2002800	Physics
IB	Marine Science 1	2002800	Biology
IB	Marine Science 2	2002810	Chemistry
IB	Marine Science 2	2002810	Earth-Space Science
IB	Marine Science 2	2002810	Physics
IB	Marine Science 2	2002810	Biology
IB	Chemistry 1	2003805	Chemistry
IB	Chemistry 2	2003810	Chemistry
IB	Chemistry 3	2003820	Chemistry
IB	Middle Years Programme Chemistry	2003830	Chemistry
IB	Physics 1	2003840	Physics
IB	Physics 2	2003845	Physics
IB	Physics 3	2003850	Physics
IB	Middle Years Programme Physics	2003855	Physics

Florida STEM Course List

Exam	Course Name	Course Number	Certification 6-12
IB	Middle Years Programme Integrated Science	2002415	Chemistry
IB	Middle Years Programme Integrated Science	2002415	Biology
IB	Middle Years Programme Integrated Science	2002415	Physics
IB	Middle Years Programme Integrated Science	2002415	Earth-Space Science
IB	Pre-Calculus	1202375	Mathematics
IB	Calculus and Descriptive Statistics	1202810	Mathematics
IB	Further Math 1	1202820	Mathematics
IB	Further Math 2	1202825	Mathematics
IB	Advanced Calculus	1202830	Mathematics
IB	Math Studies	1209800	Mathematics
IB	Math Higher Level 1	1209830	Mathematics
IB	Statistics & Introductory Differential Calculus	1210310	Mathematics
IB	Statistics and Probability	1210323	Mathematics
IB	Discrete Mathematics	1210324	Mathematics
IB	Sets, Relations, and Groups	1210325	Mathematics
IB	Middle Years Programme Pre-Calculus	1202380	Mathematics
IB	Computer Science 1	0200800	Computer Science K-12
IB	Computer Science 2	0200810	Computer Science K-12
IB	Computer Science 3	0200820	Computer Science K-12
IB	Middle Years Programme Design Technology	0200830	Computer Science K-12
AICE	Biology 1 AS Level	2000321	Biology
AICE	Biology 2 A Level	2000323	Biology
AICE	Environmental Management AS Level	2001381	Earth Space Science
AICE	Environmental Management AS Level	2001381	Biology
AICE	Environmental Management AS Level	2001381	Chemistry
AICE	Marine Science 1 AS Level	2002515	Chemistry
AICE	Marine Science 1 AS Level	2002515	Earth Space Science
AICE	Marine Science 1 AS Level	2002515	Physics
AICE	Marine Science 1 AS Level	2002515	Biology

Florida STEM Course List

Exam	Course Name	Course Number	Certification 6-12
AICE	Marine Science 2 A Level	2002535	Earth Space Science
AICE	Marine Science 2 A Level	2002535	Physics
AICE	Marine Science 2 A Level	2002535	Chemistry
AICE	Marine Science 2 A Level	2002535	Biology
AICE	Physical Science AS Level	2003330	Physics
AICE	Physical Science AS Level	2003330	Chemistry
AICE	Chemistry 1 AS Level	2003371	Chemistry
AICE	Chemistry 2 A Level	2003373	Chemistry
AICE	Physics 1 AS Level	2003431	Physics
AICE	Physics 2 A Level	2003433	Physics
AICE	Math 1 AS Level	1202352	Mathematics
AICE	Math & Mechanics 1 AS Level	1202354	Mathematics
AICE	Math & Mechanics 2 A Level	1202356	Mathematics
AICE	Further Math 1 A Level	1202370	Mathematics
AICE	Further Math 2 A Level	1202372	Mathematics
AICE	Math & Probability & Statistics 1 AS Level	1202362	Mathematics
AICE	Math & Probability & Statistics 2 A Level	1202364	Mathematics
AICE	Math & Mechanics & Probability & Statistics 2 A Level	1202366	Mathematics
AICE	Math Statistics AS Level	1210330	Mathematics
AICE	Pre-AICE Additional Math III	1202371	Mathematics
AICE	Pre-AICE International Mathematics-GCSE Level	1209700	Mathematics
AP	Chemistry	2003370	Chemistry
AP	Environmental Science	2001380	Chemistry
AP	Environmental Science	2001380	Biology
AP	Environmental Science	2001380	Earth-Space Science
AP	Computer Science A	0200320 0200330	Computer Science K-12
AP	Computer Science A Innovation	0200325	Computer Science K-12
AP	Computer Science Principles	0200335	Computer Science K-12
AP	Physics 1	2003421	Physics

Florida STEM Course List

Exam	Course Name	Course Number	Certification 6-12
AP	Physics 2	2003422	Physics
AP	Physics C: Electricity and Magnetism	2003425	Physics
AP	Physics C: Mechanics	2003430	Physics
AP	Calculus AB	1202310	Mathematics
	Calculus BC	1202320	Mathematics
AP	Biology	2000340	Biology
AP	Statistics	1210320	Mathematics
EOC	Algebra I	1200310	Mathematics
EOC	Algebra I Honors	1200320	Mathematics
EOC	Algebra 1-B	1200380	Mathematics
EOC	Pre-AICE Mathematics 1 IGCSE Level	1209810	Mathematics
EOC	IB Middle Years Program/Algebra I Honors	1200390	Mathematics
EOC	Algebra 2	1200330	Mathematics
EOC	Algebra 2 Honors	1200340	Mathematics
EOC	IB Middle Years Program/Algebra2	1200395	Mathematics
EOC	Pre-AICE Mathematics 3 IGCSE Level	1209825	Mathematics
EOC	Geometry	1206310	Mathematics
EOC	Geometry Honors	1206320	Mathematics
EOC	Pre-AICE Mathematics 2 IGCSE Level	1209820	Mathematics
EOC	IB Middle Years Program Geometry Honors	1206810	Mathematics
EOC	Biology	2000310	Biology
EOC	Biology Honors	2000320	Biology
EOC	Biology Technology	2000430	Biology
EOC	Integrated Science 3	2002440	Earth Space Science
EOC	Integrated Science 3	2002440	Biology
EOC	Integrated Science 3	2002440	Physics
EOC	Integrated Science 3	2002440	Chemistry
EOC	Integrated Science 3 Honors	2002450	Earth Space Science

Florida STEM Course List

Exam	Course Name	Course Number	Certification 6-12
EOC	Integrated Science 3 Honors	2002450	Biology
EOC	Integrated Science 3 Honors	2002450	Physics
EOC	Integrated Science 3 Honors	2002450	Chemistry
EOC	Pre-AICE Biology IGCSE Level	2000322	Biology
EOC	Florida's PreIB Biology I	2000800	Biology
EOC	IB Middle Years Program Biology	2000850	Biology

KEY

Algebra 1 EOC
Algebra 2 EOC
Geometry EOC
Biology EOC