

1 EDUCATION AND LABOR CABINET

2 Kentucky Board of Education

3 Department of Education

4 (Amendment)

5 704 KAR 8:090. Required Kentucky Academic Standards for Technology.

6 RELATES TO: KRS 156.070, 156.160, 158.645, 158.6451, 158.6453

7 STATUTORY AUTHORITY: 156.070(1), 156.160(1), ~~[156.850,]~~ 160.290

8 NECESSITY, FUNCTION, AND CONFORMITY: KRS 156.160(1)(a) requires the

9 Kentucky Board of Education to establish courses of study for the different grades and
10 kinds of common schools, with the courses of study to comply with the expected goals,
11 outcomes, and assessment strategies developed under KRS 158.645, ~~[and]~~ 158.6451,
12 and 158.6453. KRS 156.070(1) requires the Kentucky Board of Education to manage

13 and control the common schools and all programs operated in the schools. KRS

14 160.290 authorizes local boards of education to provide for courses and other services
15 for students consistent with the administrative regulations of the Kentucky Board of
16 Education. ~~[KRS 156.850 requires compliance with federal provisions and acts relating~~
17 ~~to vocational education.]~~ This administrative regulation incorporates by reference the

18 Kentucky Academic Standards for Technology, which contain the general courses of
19 study and academic content standards of technology, for use in Kentucky's common
20 schools.

1 Section 1. Before graduating from a Kentucky public high school, a student shall
2 demonstrate performance-based competency in technology as ~~[meet the minimum~~
3 ~~content requirements]~~ established in the Kentucky Academic Standards for Technology.

4 Section 2. Incorporation by Reference.

5 (1) The "Kentucky Academic Standards for Technology", August 2026 [2020], is
6 incorporated by reference.

7 (2) This material may be inspected, copied, or obtained, subject to applicable copyright
8 law, at the Department of Education, 5th floor, 300 Sower Boulevard, Frankfort,
9 Kentucky 40601, Monday through Friday, 8 a.m. to 4:30 p.m. This material may also be
10 accessed on the Kentucky Department of Education website at:

11 <https://www.education.ky.gov/districts/legal/Pages/Kentucky-Revised-Statutes.aspx>.

This is to certify that the chief state school officer has reviewed and recommended this administrative regulation prior to its adoption by the Kentucky Board of Education, as required by KRS 156.070(5).

(Date)

Dr. Robbie Fletcher
Commissioner of Education

(Date)

Sharon Porter Robinson, Chair
Kentucky Board of Education

PUBLIC HEARING AND PUBLIC COMMENT PERIOD

A public hearing on this proposed administrative regulation shall be held XXX at 10:00 am, in the State Board Room, Fifth Floor, 300 Sower Boulevard, Frankfort, Kentucky. Individuals interested in being heard at this hearing shall notify this agency in writing by five workdays prior to the hearing, of their intent to attend. If no notification of intent to attend the hearing is received by that date, the hearing may be cancelled. This hearing is open to the public. Any person who wishes to be heard will be given an opportunity to comment on the proposed administrative regulation. A transcript of the public hearing will not be made unless a written request for a transcript is made. If you do not wish to be heard at the public hearing, you may submit written comments on the proposed administrative regulation. Written comments shall be accepted through XXX. Send written notification of intent to be heard at the public hearing or written comments on the proposed administrative regulation to the contact person.

CONTACT PERSON: Todd G. Allen, General Counsel, Kentucky Department of Education, 300 Sower Boulevard, 5th Floor, Frankfort, KY 40601, phone 502-564-4474, fax 502-564-9321, email regcomments@education.ky.gov

REGULATORY IMPACT ANALYSIS AND TIERING STATEMENT

704 KAR 8:090

Contact Person: Todd G. Allen

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Subject Headings: Board of Education, Schools, Compliance

(1) Provide a brief summary of:

(a) What this administrative regulation does: 704 KAR 8:090 incorporates by reference the *Kentucky Academic Standards (KAS) for Technology*, which contain the general courses of study and academic content standards for technology for use in Kentucky's common schools.

(b) The necessity of this administrative regulation: KRS 156.160(1) requires the Kentucky Board of Education (KBE) to establish courses of study for the different grades and kinds of common schools, with the courses of study to comply with the expected goals, outcomes, and assessment strategies developed under KRS 158.645, 158.6451 and 158.6453. This administrative regulation incorporates by reference the *KAS for Technology*, which contain the general courses of study and academic content standards for technology for use in Kentucky's common schools.

(c) How this administrative regulation conforms to the content of the authorizing statutes: This regulation conforms to KRS 158.6453(2) which requires the Kentucky Department of Education (KDE) to implement a comprehensive process for reviewing Kentucky's academic standards every six years. KRS 156.070(1) requires the KBE to manage and control the common schools and all programs operated in the schools. KRS 156.160(1)(a) requires the KBE to establish courses of study for the different grades and kinds of common schools, with the courses of study to comply with the expected goals, outcomes, and assessment strategies developed under KRS 158.645, 158.6451, and 158.6453. KRS 160.290 authorizes local boards of education to provide for courses and other services for students consistent with the administrative regulations of the Kentucky Board of Education.

(d) How this administrative regulation currently assists or will assist in the effective administration of the statutes: This administrative regulation incorporates by reference the *KAS for Technology*, which contain the general courses of study and academic content standards for technology for use in Kentucky's common schools. KRS 156.160(1)(a) requires the KBE to establish courses of study for the different grades and kinds of common schools, with the courses of study to comply with the expected goals, outcomes, and assessment strategies developed under KRS 158.645, 158.6451, and 158.6453. This regulation also conforms to KRS 158.6453(2) which requires the KDE to implement a comprehensive process for reviewing Kentucky's academic standards every six years.

(2) If this is an amendment to an existing administrative regulation, provide a brief

summary of:

(a) How the amendment will change this existing administrative regulation: Regulatory amendments conform to current statutory language and provide a new version of the *KAS for Technology* as a material incorporated by reference based on the process provided in KRS 158.6453.

(b) The necessity of the amendment to this administrative regulation: KRS 158.6453(2) requires the KDE to implement a comprehensive process for reviewing Kentucky's academic standards every six years. 704 KAR 8:090 was last approved by the KBE in August 2020. Therefore, in order to conform to statutory requirements, the KDE implemented the standards review process for technology which resulted in a new material incorporated by reference.

(c) How the amendment conforms to the content of the authorizing statutes: This regulation conforms to KRS 158.6453(2) which requires the KDE to implement a comprehensive process for reviewing and revising the academic every six years. KRS 156.070(1) requires the KBE to manage and control the common schools and all programs operated in the schools. KRS 156.160(1)(a) requires the KBE to establish courses of study for the different grades and kinds of common schools with the courses of study to comply with the expected goals, outcomes, and assessment strategies developed under KRS 158.645, 158.6451, and 158.6453. This administrative regulation incorporates by reference the *KAS for Technology*, which contain the general courses of study and academic content standards for technology for use in Kentucky's common schools.

(d) How the amendment will assist in the effective administration of the statutes: The amendments allow schools and districts to access and implement the most current *KAS for Technology* following the completion of the required standards review process provided in KRS 158.6453.

(3) Does this administrative regulation or amendment implement legislation from the previous five years? No

(4) List the type and number of individuals, businesses, organizations, or state and local governments affected by this administrative regulation: Schools and districts are affected by this administrative regulation.

(5) Provide an analysis of how the entities identified in question (3) will be impacted by either the implementation of this administrative regulation, if new, or by the change, if it is an amendment, including:

(a) List the actions that each of the regulated entities identified in question (3) will have to take to comply with this administrative regulation or amendment: The standards outlined in 704 KAR 8:090 are the standards for technology. The regulated entities must use these outlined standards when making local choices regarding curriculum and instruction.

(b) In complying with this administrative regulation or amendment, how much will it cost each of the entities identified in question (3): The cost to local schools and districts is unknown and dependent upon the size, needs and materials available which varies among the 171 school districts.

(c) As a result of compliance, what benefits will accrue to the entities identified in question (3): The compliance of local schools and school districts ensure that each student is qualified for graduation as they will have met the minimum competency requirements for technology as required in 704 KAR 3:305 and authorized by KRS 156.160(1)(d).

(6) Provide an estimate of how much it will cost the administrative body to implement this administrative regulation:

(a) Initially: The KDE spent a minimal amount of staff time dollars in the revision to the KAS for Technology. There are no initial costs anticipated to the KDE in implementing the administrative regulation except in cases where technical assistance is requested by schools and districts.

(b) On a continuing basis: KDE anticipates some ongoing staff costs to support schools and districts in the implementation of the *KAS for Technology*.

(7) What is the source of the funding to be used for the implementation and enforcement of this administrative regulation: State and district funds.

(8) Provide an assessment of whether an increase in fees or funding will be necessary to implement this administrative regulation, if new, or by the change if it is an amendment: No increase is anticipated; however, programmatic support for responsible technology usage and adoption is dependent and critical for the implementation of these student standards.

(9) State whether or not this administrative regulation establishes any fees or directly or indirectly increases any fees: This regulation does not establish any fees or directly or indirectly increase fees.

(10) TIERING: Is tiering applied? Tiering was not appropriate as the administrative regulation applies equally to all schools and districts.

FISCAL IMPACT STATEMENT

704 KAR 8:090

Contact Person: Todd G. Allen

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(1) Identify each state statute, federal statute, or federal regulation that requires or authorizes the action taken by the administrative regulation: KRS 156.160(1) requires the Kentucky Board of Education (KBE) to establish courses of study for the different grades and kinds of common schools, with the courses of study to comply with the expected goals, outcomes, and assessment strategies developed under KRS 158.645, 158.6451 and 158.6453. KRS 156.070(1) requires the KBE to manage and control the common schools and all programs operated in the schools. KRS 158.6453(2) requires the Kentucky Department of Education (KDE) to implement a comprehensive process for reviewing Kentucky's academic standards every six years.

(2) State whether this administrative regulation is expressly authorized by an act of the General Assembly, and if so, identify the act: KRS 156.070(1) requires the Kentucky Board of Education (KBE) to manage and control the common schools and all programs operated in the schools. KRS 156.160(1) requires the Kentucky Board of Education (KBE) to establish courses of study for the different grades and kinds of common schools, with the courses of study to comply with the expected goals, outcomes, and assessment strategies developed under KRS 158.645, 158.6451 and 158.6453.

(3)(a) Identify the promulgating agency and any other affected state units, parts, or divisions: The KBE and KDE.

(b) Estimate the following for each affected state unit, part, or division identified in (3)(a):

1. Expenditures:

For the first year: The KDE spent a minimal amount of staff time dollars in the revision to the *KAS for Technology* that are incorporated by reference in 704 KAR 8:090. The KDE anticipates staff costs in the first year to support schools and districts in implementation. For subsequent years: The KDE anticipates some staff administrative costs in subsequent years to support schools and districts in implementation.

2. Revenues:

For the first year: This regulation is not expected to generate revenue.

For subsequent years: This regulation is not expected to generate revenue.

3. Cost Savings:

For the first year: No cost savings are anticipated.

For subsequent years: No cost savings are anticipated.

(4)(a) Identify affected local entities (for example: cities, counties, fire departments,

school districts): Local schools and districts.

(b) Estimate the following for each affected local entity identified in (4)(a):

1. Expenditures:

For the first year: The total cost to local schools and districts is unknown and dependent upon the size, needs and resources available which varies among the 171 school districts. For subsequent years: The KDE anticipates some staff administrative costs for local schools and districts in subsequent years to support ongoing implementation.

2. Revenues:

For the first year: This regulation is not expected to generate revenue.
For subsequent years: This regulation is not expected to generate revenue.

3. Cost Savings:

For the first year: No cost savings are anticipated.
For subsequent years: No cost savings are anticipated.

(5)(a) Identify any affected regulated entities not listed in (3)(a) or (4)(a): There are no additional regulated entities.

(b) Estimate the following for each regulated entity identified in (5)(a):

1. Expenditures:

For the first year: Not applicable as no additional entities have been identified.
For subsequent years: Not applicable as no additional entities have been identified.

2. Revenues:

For the first year: Not applicable.
For subsequent years: Not applicable.

3. Cost Savings:

For the first year: Not applicable.
For subsequent years: Not applicable.

(6) Provide a narrative to explain the following for each entity identified in (3)(a), (4)(a), and (5)(a):

(a) Fiscal impact of this administrative regulation: The fiscal impact to local schools and districts is unknown and depends on the size, needs and materials available to individual schools and districts. The KDE spent a minimal amount of staff time dollars in the revision *KAS for Technology* which are incorporated by reference in 704 KAR 8:090 in addition to staff time to oversee its administration. The KDE anticipates some administrative staff costs in the first year and subsequent years to support schools and districts in the initial and ongoing implementation of the *KAS for Technology*.

(b) Methodology and resources used to reach this conclusion: The KDE spent a minimal amount of staff time dollars in the development of the technology standards that are incorporated by reference in 704 KAR 8:090 in addition to staff time to oversee its administration. The KDE anticipates some staff costs in the first year and subsequent years to support schools and districts in the initial and ongoing implementation of the *KAS for Technology*. For local schools and districts, the costs are dependent upon the size, needs, and materials of the individual 171 school districts which varies thereby making the fiscal impact difficult to estimate.

(7) Explain, as it relates to the entities identified in (3)(a), (4)(a), and (5)(a):

(a) Whether this administrative regulation will have a “major economic impact”, as defined by KRS 13A.010(13): It is unknown whether this administrative regulation will have a major economic impact to the entities identified.

(b) The methodology and resources used to reach this conclusion: The KDE spent a minimal amount of staff time dollars in the revision to the technology standards that are incorporated by reference in 704 KAR 8:090 in addition to staff time to oversee its administration. The KDE anticipates some staff costs in the first year and subsequent years to support schools and districts in the initial and ongoing implementation of the *KAS for Technology*. For local schools and districts, the costs are dependent upon the size, needs, and materials of the individual 171 school districts which varies thereby making the fiscal impact difficult to estimate.

SUMMARY OF MATERIAL INCORPORATED BY REFERENCE

704 KAR 8:090 "Kentucky Academic Standards for Technology" provided as the document incorporated by reference contains a total of 71 pages on the required academic standards for technology. KRS 156.160(1)(a) requires the Kentucky Board of Education (KBE) to establish courses of study for the different grades and kinds of common schools, with the courses of study to comply with the expected goals, outcomes, and assessment strategies developed under KRS 158.645, 158.6451, and 158.6453.