
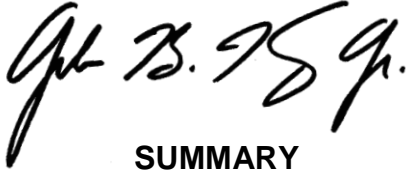




**TO:** P-12 Education Committee  
**FROM:** Ken Slentz   
**SUBJECT:** Expansion of Integrated Credits in Approved CTE Programs  
**DATE:** May 12, 2014  
**AUTHORIZATION(S):** 

**SUMMARY**

**Issue for Decision**

Should additional integrated CTE courses be considered for academic credit beyond what is currently allowed in § 100.5(d)(6) of the Commissioner's regulations?

**Reason(s) for Consideration**

Review of Policy.

**Proposed Handling**

This question will come before the P-12 Education Committee for action at the May 2014 meeting.

**Procedural History**

In 2001, the Regents approved a CTE policy that promulgated a program approval process permitting up to four academic credits (English, science, mathematics, and economics/government) to be earned by students through integrated CTE courses in approved CTE programs. This option allowed students to pursue a career and technical education in courses that also offered academic skills and content. In general, this policy increased flexibility in both coursework and overall program for both students and schools.

## **Background Information**

Current Regents CTE policy permits approved programs to offer students based on the technical content of the program, up to 4 academic credits (one in each area) in, ELA, math, science and social studies. The chart below illustrates the number of programs that have taken advantage of this option to date.

<b>Integrated Credit</b>	<b>Number of Programs</b>	<b>BOCES</b>	<b>Local School District</b>
<b>No Information Available</b>	14	0	14
<b>None Requested</b>	305	52	253
<b>ELA Only</b>	176	155	21
<b>Science Only</b>	39	38	1
<b>Mathematics Only</b>	24	21	3
<b>ELA/Science</b>	256	240	16
<b>ELA/Mathematics</b>	137	124	13
<b>Mathematics/Science</b>	25	25	0
<b>ELA/Mathematics/Science</b>	17	17	0
<b>ELA/Social Studies</b>	1	0	1
<b>Mathematics/Social Studies</b>	1	0	1
<b>ELA/Science/.5 Social Studies</b>	8	8	0
<b>ELA/.5 Social Studies</b>	2	2	0
<b>ELA/Mathematics/.5 Social Studies</b>	1	1	0
<b>.5 ELA/.5 Mathematics</b>	3	3	0
<b>.5 ELA/.5 Science</b>	3	3	0
<b>.5 Science</b>	1	1	0
<b>.5 ELA</b>	1	1	0
<b>.5 Social Studies</b>	3	0	3
<b>Total Programs →</b>	1,017	639	59

*From CTE Office Database*

In addition to allowing credit for integrated academic content in existing approved programs, Commissioner's Regulations allow, with approval by the local board of education, the use of specialized courses for academic credit. This option is employed in approved CTE programs to strengthen the academic content where it may be lacking in the technical program. For example in an engineering-related program a technical writing course may be offered utilizing a certified ELA teacher to enhance students writing abilities.

Graduation requirements require multiple academic credits in ELA, math, science and social studies for graduation. It is conceivable that CTE approved programs could justify additional integrated credits in their programs. A recent informal survey of school districts and BOCES (April 2014) representing approved programs indicated that approximately 22% of the existing approved programs could justify additional integrated credits if permitted. Approximately 11% of the survey respondents indicated they could not or would not entertain adding additional integrated credits.

Other respondents to the survey indicated:

“We currently offer integrated Math and/or ELA in most of our programs. We would certainly explore the possibility of adding integrated science and expanding our integrated ELA and Math offerings across our 16 programs.”

“There are several programs that the Math and/or Science could be expanded to include 2 credits over the course of the 2-year program including: Science: Allied Health, Animal Science/ Veterinary Assisting, Aviation Tech, Auto Tech, Cosmetology, Environmental Conservation, Heavy Equipment, Marine Tech, Natural Resource Management, and Small Gas Engines. Math: Construction Trades and Digital Art and Design. This would be extremely valuable to our high school students!”

### **Recommendation**

VOTED: That the Board act to allow additional integrated academic credits in approved CTE programs up to the number currently required for the academic subject area for graduation purposes and direct staff to draft regulations expanding the number of allowable integrated credits to 8 applied to respective core areas as determined at the local level.