


Strategic Goals For the GaDOE and the State Board of Education

Lead the Nation in Improving Student Achievement	
Goal 1 Increase high school graduation rate, decrease drop-out rate, and increase post-secondary enrollment rate.	Status 12 3 29
Goal 2 Strengthen teacher quality, recruitment, and retention.	Status 0 0 10
Goal 3 Improve workforce readiness skills.	Status 2 0 7
Goal 4 Develop strong education leaders, particularly at the building level.	Status 5 1 1
Goal 5 Improve the GAT, ACT, and the achievement scores of Georgia students.	Status 25 50 33
Goal 6 Maintain and/or raise program revenues, modernize and financial restructuring.	Status 11 3 7

"We will lead the nation in improving student achievement."




Supporting COUNSELORS with their work

**Who Am I?
Where Am I Going?
How Am I Going to Get There?**


Fourth Science Informational Session

April 2010

"We will lead the nation in improving student achievement."



"How Am I Going to Get There?"




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Fourth Science Information applies to students...

160-4-2-.48 HIGH SCHOOL GRADUATION REQUIREMENTS FOR STUDENTS ENROLLING IN THE NINTH GRADE FOR THE FIRST TIME IN THE 2008-09 SCHOOL YEAR AND SUBSEQUENT YEARS.

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Fourth Science Information applies to...

IDA(3) 160-4-2-.20

LIST OF STATE-FUNDED K-8 SUBJECTS AND 9-12 COURSES FOR STUDENTS ENTERING NINTH GRADE IN 2008 AND SUBSEQUENT YEARS.

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CTAE: "Old" Graduation Rule IHF (5) Science Course Credit and Numbers


See IDA (2) List of funded courses

Courses meet 3rd requirement for Science Core for TC/P and 4th year elective for CP

- 02.42100 Animal Science Technology/Biotechnology
- 02.44100 Plant Science and Biotechnology

NOTE: The new Graduation Rule has NOT affected these courses for students under the old Graduation Rule requirements

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(V) CTAE/Modern Language/Latin/Fine Arts:

A total of three units of credit shall be required from the following areas:
 CTAE and/or
 Modern Language/Latin and/or
 Fine Arts.

Students are *encouraged to select courses in a focused area of interest*.

I. Career, Technical and Agricultural Education (CTAE) Pathways:
 Students may earn three units of credit in a coherent sequence of CTAE courses through a self-selected pathway leading to college readiness and a career readiness certificate endorsed by related industries.

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(iii) AREAS OF STUDY.

(I) English/Language Arts*	4
(II) Mathematics*	4
(III) Science*	4

The 4th science unit may be used to meet both the science and elective requirement

(IV) Social Studies*	3
(V) CTAE and/or Modern Language/Latin and/or Fine Arts	3
(VI) Health and Physical Education*	1
(VII) Electives	4

TOTAL UNITS (MINIMUM) 23
 *Required Courses and/or Core Courses

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Part 10: Areas of Study: Science
Section 10.3 Guidance for Fourth Science Requirement

Student E takes the following courses in the areas of science and CTAE. Student E is taking the Agriculture Career Pathway and plans to attend a university after graduation.

Science Requirement	Science Course	AREAS OF STUDY (III) Science Requirement Met	(III) Science Credits Awarded/Required	Options for AREAS OF STUDY (V) and/or (VII)	AREAS OF STUDY (V) and/or (VII) Requirement Met	AREAS OF STUDY (V) and/or (VII) Credit Awarded/Required
1 st Requirement	Biology	X	1	Animal Science/Technology/Biotech*	X	0
2 nd Requirement	Physics	X	1	Plant Science and Biotechnology*	X	
3 rd Requirement	Environmental Science	X	1	Basic Agricultural Science and Technology*		
4 th Requirement	Animal Science/Technology/Biotech**	X	1	French I		1
				French II	X	1
				Math Support I	X	1
				Music Appreciation I	X	1
				Botany		1
Totals		4 of 4	4 of 4		7 of 7	7 of 7

Student E has met the requirements for all four sciences and for the Agriculture Career Pathway utilizing Plant Science and Biotechnology. This course, identified in Appendix A, met the requirements in both areas; however, only one credit will be awarded to the student. The student fulfilled requirements for both Areas of Study (V) and (VII) in their individual Education and Career Plan in order to meet the 23 total credits needed for graduation and university admission.



GEORGIA EDUCATION

CTAE elective as a Fourth Science credit *is...*




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GEORGIA EDUCATION


CTAE elective as a Fourth Science credit *is not ...*




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Please bookmark the following address for regularly updated information regarding the courses that can be used to meet the fourth science requirement. Please read the revised section of the Graduation Rule Guidance document, Section 10.3, pages 81-87.
<http://public.doe.k12.ga.us/DMGetDocument.aspx/DMGetDocument.aspx/Grad%20Guidance%20Doc%20REVISED%20-%20January%2006%202010.pdf?p=6CC6799F8C1371F65E206F5E3A4FEED048FBA D5FE1158F8AD3C4FE831F1435A6&Type=D>




Please bookmark the following address for regularly updated information from the Board of Regents' Office of Student Affairs regarding University System of Georgia admission requirements.
<http://www.usg.edu/PDF/admissionStandards.pdf>




Please bookmark the following address for information from the Georgia Student Finance Commission regarding HOPE GPA calculation.
https://secure.gacollege411.org/images/ga/pdfs/HOPE_Calculation.pdf

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GEORGIA
DEPARTMENT OF
EDUCATION

Questions?



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