Strategic Goals
For the GaDOE and the State Board of Education

"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. Units Required

(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 Agriscience Career Pathway and plans to attend a university upon graduation.

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Requirement</td>
<td>Biology</td>
</tr>
<tr>
<td>2nd Requirement</td>
<td>Physics</td>
</tr>
<tr>
<td>3rd Requirement</td>
<td>Environmental Science</td>
</tr>
<tr>
<td>4th Requirement</td>
<td>Animal Science Tech./Biotech.*</td>
</tr>
</tbody>
</table>

Student E is taking the Agriscience Career Pathway and plans to attend a university upon graduation.

Student E has met the requirements for all four sciences and for the Agriscience Career Pathway utilizing Plant Science and Biotechnology. This course, identified in Appendix A, met the requirements in both areas; however, only one credit was awarded to the student. The student fulfilled the requirements in both areas by selecting the correct courses and planning accordingly. In order to meet the 23 total credit hours for graduation, the student may need to take additional coursework in other areas of study.
Options after high school
...educational exploration

What level of education do students need to reach their career goal?

www.gcic.peachnet.edu

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Nursing represents the career pathway aligned with the career concentration. Pathways focus attention upon a specific career field within a concentration and represents occupations aligned with the pathway.
This part of the document represents a visual interpretation of the new graduation rule for students enrolling 2008-2009; high school suggested coursework highlights the core academics and career-related electives are recommended to prepare for continued education and/or the workforce.

This part of the document represents the Career Pathway CTAE sequence of courses and suggested related coursework (highlighted in BLUE) for students who have chosen the nursing field as a career goal. These students will have multiple entry levels and options upon graduation to continue their education to the baccalaureate level and beyond.

This part of the document represents the suggested related academic science electives for students who have chosen the nursing field as a career goal.
CTAE elective as a Fourth Science credit is…

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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.


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.


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Questions?

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