



# Grayson Technical Program

## HIGH SCHOOL COURSE SYLLABUS



**COURSE TITLE.....Basic Agriculture Science & Technology TERM .....Fall, 2013**  
**TEACHER .....Nicole O'Mara ROOM #.....T2.221**

<b>Email Address</b>	nicole_omara@gwinnett.k12.ga.us
<b>Teacher Web Page</b>	omaraveterinaryscience.weebly.com
<b>Teacher Support</b> (Help sessions etc.)	Help sessions are available before and after school on Tuesdays and Thursdays in Room 2.221

### **COURSE DESCRIPTION: (EMPHASIS - ENVIRONMENTAL SCIENCE)**

Students will explore the biological, physical, and social aspects of the environment including air, water, soil, and forestry and their effects on wildlife and aquatic animals. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

### **COURSE CURRICULUM CONTENT**

The entire list of Academic, Knowledge and Skills for each of the following curriculum strands in this course can be accessed through the district web address at [www.gwinnett.k12.ga.us](http://www.gwinnett.k12.ga.us)

AKS STRANDS	UNITS/TOPICS
A. Knowledge and Skills B. Core Skills	<ol style="list-style-type: none"> <li>1. Introduction to Environmental Science/Ecology</li> <li>2. Soil and Land</li> <li>3. Water</li> <li>4. Air</li> <li>5. Forestry</li> <li>6. Wildlife Populations</li> <li>7. Fisheries &amp; Aquatics</li> <li>8. Outdoor Recreation</li> </ol>

### **INSTRUCTIONAL MATERIALS AND SUPPLIES**

Published Materials	Instructional Supplies
Delmar: Fish & Wildlife Delmar: Managing Our Natural Resources	<ol style="list-style-type: none"> <li>1. Notebook (paper, dividers)</li> <li>2. Pens/Pencils</li> <li>3. Notecards</li> <li>4. Thumb drive</li> </ol>

### **EVALUATION AND GRADING**

Assignments	Grade Weights	Grading Scale																
Classwork & Homework (5%) Quizzes (7.5%) SAE/Grayson Work Ready (10%) Labs (12.5%) Projects (22.5%) Unit Tests (22.5%) Final Exams (Objective 10%, Performance 10%)	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Class Assessments</td> <td style="width: 50%; text-align: right;">35%</td> </tr> <tr> <td>Summative Assessment</td> <td style="text-align: right;">45%</td> </tr> <tr> <td>Final Exam</td> <td style="text-align: right;">20%</td> </tr> </table>	Class Assessments	35%	Summative Assessment	45%	Final Exam	20%	<table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">A:</td> <td style="width: 80%;">90 and above</td> </tr> <tr> <td>B:</td> <td>80 – 89</td> </tr> <tr> <td>C:</td> <td>74 – 79</td> </tr> <tr> <td>D:</td> <td>70 – 73</td> </tr> <tr> <td>F:</td> <td>69 or below</td> </tr> </table>	A:	90 and above	B:	80 – 89	C:	74 – 79	D:	70 – 73	F:	69 or below
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### **OTHER INFORMATION**

Expectations for Academic Success	Additional Requirements/Resources
<ol style="list-style-type: none"> <li>1) Review daily</li> <li>2) Ask questions</li> <li>3) Participate constructively as a team member</li> <li>4) Proof read written assignments and edit meaningfully</li> <li>5) Challenge yourself to continuously improve</li> </ol>	<ul style="list-style-type: none"> <li>• Tutoring Available</li> <li>• Helpful Resources</li> <li>• Community Support Services</li> <li>• Lab Safety Procedures</li> </ul>