



Kathy Cox  
State Superintendent of Schools

## Development & Transition Unit

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# CTAE Curriculum Revision Phase III

- **Architecture, Construction, Communications & Transportation**
  - Graphic Communications
  - Graphic Design
  - Broadcast/Video Production
- **Business and Computer Science**
  - Administrative/Information Support
  - Computer Networking
  - Computer Systems and Support
- **Marketing, Sales & Services**
  - Travel Marketing & Lodging Management
  - Sports & Entertainment Marketing
- **Family & Consumer Sciences**
  - Consumer Services
  - Family, Community and Global Leadership
  - Interior Design
- **Healthcare Science**
  - Biotechnology Research & Development
  - Diagnostic Services
- **Agriculture**
  - Animal Science
  - Agricultural Mechanics
  - Agribusiness Management
  - Veterinary Science
- **Government & Public Safety**
  - Law and Justice
  - Homeland Security & Emergency Services



# CTAE Curriculum Revision Phase IV



## **Architecture, Construction, Communications**

### **& Transportation**

- HVACR
- Collision Repair
- Metals  
(completed)

## **Government & Public Safety**

- JROTC
  - Air Force
  - Army
  - Marines
  - Navy

## **Healthcare Science**

- Cosmetology
- Sports Medicine



# **Important Reminder Concerning 2008-2009 CTAE Course Numbers**

For FTE and Student Record purposes, it is very important that all 2008-2009 CTAE course numbers are listed on the current List of State Funded K-8 Subjects and 9-12 Courses.

CTAE administrators, teachers, guidance counselors, and system FTE and Student Record staff should verify that CTAE course numbers are correct.

**Currently, two GaDOE rules are in place regarding CTAE course numbers**

# **IDA (2) 160-4-2-.03**

## **List of State Funded K-8 Subjects and 9-12 Courses**

[http://www.gadoe.org/\\_documents/doe/legalservices/160-4-2-.03.pdf](http://www.gadoe.org/_documents/doe/legalservices/160-4-2-.03.pdf)

**For Students under current Graduation Rule 160-4-2-.47 IHF(5) High School Graduation Requirements for Students Enrolling in the Ninth Grade for the First Time in the 2002-03 School Year and Subsequent Years.**

***CTAE Course Listings are current for all students.***

**CTAE Course numbers listed under Appendix C were deleted on February 14, 2008.**

**Appendix C contained CTAE course numbers under previous graduation rules 160-4-2-.36 & 160-4-2-.46)**

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

## **List of State Funded K-8 Subjects and 9-12 Courses For Students Entering Ninth Grade in 2008**

[http://www.gadoe.org/\\_documents/doe/legalservices/160-4-2-.20.pdf](http://www.gadoe.org/_documents/doe/legalservices/160-4-2-.20.pdf)

**160-4-2-.48 IHF(6) Graduation Rule High School Graduation  
Requirements for Students Enrolling in the Ninth Grade for the  
First Time in the 2008-09 School Year and Subsequent Years.**

***CTAE Course Listings are current for all students – Currently no  
differences in CTAE listings from IDA(2)***

**Reminder: CTAE course numbers under Appendix C were  
deleted on February 14, 2008**





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# Middle School Curriculum: Where we are right now?

- **Updated GPS curriculum for grades 6-8**

- **Agriculture**      02.01200, 02.01300, 02.01400
- **Bus. & Computer Science**      07.08300 to 07.08500
- **Career Development**      32.02100 to 32.02300
- **Engineering & Technology**      21.02100 to 21.02300
- **Family & Consumer Science**      20.01100 to 20.01300
- **Healthcare Science**      25.02100 to 25.02300\*

*\*proposed numbers not approved by State Board of Education*

[www.georgiastandards.org/career.aspx?PageReq=MSPhase1](http://www.georgiastandards.org/career.aspx?PageReq=MSPhase1)



# Middle School Curriculum Status

## Curriculum to be implemented by Fall 2009

- Sixth grade – Overview and career focused
- Seventh grade – Foundational skills
- Eighth grade – Pre-Pathway; aligned to HS pathway



**NOTE:** New Middle School Program Review document will be used beginning 2008-2009

# Middle School: Where we are headed!

- In 2008 – 2009, committees will be formed to write curriculum for the program concentrations listed below:



Architecture, Construction,  
Communication and  
Transportation



Government and Public  
Safety



Marketing, Sales and  
Services

# Middle School: Where we are headed!

(continued)

## CTAE Directors:

- **Please encourage your teachers to serve on the middle school curriculum development teams.**
  - Download the Curriculum Development Team Application at:  
[www.gadoe.org/ci\\_cta.aspx?PageReq=CICTAMiddle](http://www.gadoe.org/ci_cta.aspx?PageReq=CICTAMiddle)

# Middle School Update



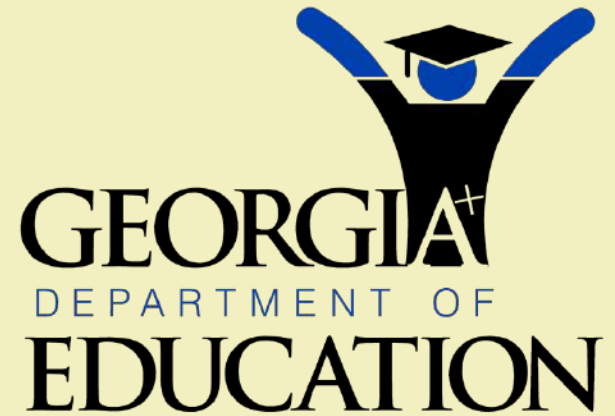
**And...CTAE Directors we need your assistance to:**

- **Ensure that middle school teachers are listed on the CTAE Resource Network ([www.CTAERN.org](http://www.CTAERN.org)) web site and trained to use the website.**
- **Emphasize to middle school teachers that they are expected to use the new curriculum as “best practices” for middle school CTAE courses**
- **Expect Middle School administrators and teachers to collaborate with academic learning teams**
- **Encourage Middle School teachers to start Career Technical Student Organizations**

# Middle School: How we will get there!

- *Professional Learning* – offered for teachers to understand new standards, Middle School learner, reading & writing strategies, Admin CTAE 101
- *Program Delivery* – contact CTAE State Program Specialists for questions related to programs operations
- *Development* – contact John Pritchett for Middle School curriculum questions
- Shift our thinking about Middle School CTAE and the potential impact for making a difference in our schools, and students **MOST** of all





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**John Pritchett**

**Middle School Curriculum Coordinator**

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# **Career Related Education (CRE) Implementation Grants 2008-2009**



- **Barrow County**
- **Bartow County**
- **Brantley County**
- **Bulloch County**
- **Chatham County**
- **Cherokee County**
- **Crisp County**
- **Effingham County**
- **Hall County**
- **Haralson County**
- **Henry County**
- **Houston County**
- **Jefferson County**
- **Jones County**
- **Muscogee County**
- **Oconee County**
- **Oglethorpe County**
- **Rockdale County**
- **Whitfield County**
- **Bremen City**
- **Decatur City**

# Work-Based Learning Update

## Workshops and Endorsement Possibilities

- Curriculum for a Work-Based Learning Prep Program was developed during 2007-2008 and includes a three-course sequence.
  - Course 1 and 2 are technical update workshops for any Work-Based Learning Coordinators and may become step one of an endorsement program, if approved by the Professional Standards Commission (PSC). The courses include 80 contact hours for eight (8) PLUs.
  - Course 3 is an internship/on-site practicum that consists of two satisfactory on-site observations during the school year.

# **Work-Based Learning Update**

## **Workshops and Endorsement Possibilities (continued)**

- **Work is continuing to seek “provider” approval and “program” approval from the Professional Standards Commission (PSC).**
- **The Work-Based Learning Prep program is designed to meet existing standards of the DCT endorsement.**

# New Youth Apprenticeship (YAP) Coordinator Update

- CTAE Directors should notify Dwayne Hobbs ([ahobbs@doe.k12.ga.us](mailto:ahobbs@doe.k12.ga.us)) ASAP, if your local system has:
  - The Youth Apprenticeship Grant for 2008-2009
  - Hired a new Youth Apprenticeship Coordinator for 2008-2008 and that person needs to attend the “New YAP Coordinator Workshop” to be held in August 2008.
    - Make sure that the new YAP Coordinator has registered for the workshop on the CTAE Resource Network website by **August 1, 2008** ([www.ctaern.org](http://www.ctaern.org))

***Note: If your new YAP coordinator already attended the Work-Based Learning workshop in June 2008, there is NO need for the person to attend the new YAP Coordinator training.***

# New WBL Course Numbers In Effect for 2008-2009

## XX.7 7 = WORK-BASED LEARNING

- “7” as the first numerical digit to the right of the decimal indicates students taking the course are participating in a work based learning program.
- Work-based programs may be designated in each CTAE pathway using the chart below.
- The five digits to the right of the decimal used in conjunction with the 7 will be applied to the two digit whole number that indicates the Program CIP code number. Using this system, student enrollments are possible in all CTAE pathways for up to 3 credits in each WBL placement.

### CIP # Program Area Year Semester Hours

•XX.711400	Concentration/Pathway Title	Year one Semester one	One hour
•XX.712400	Concentration/Pathway Title	Year one Semester two	One hour
•XX.711500	Concentration/Pathway Title	Year one Semester one	Two hour
•XX.712500	Concentration/Pathway Title	Year one Semester two	Two hour
•XX.711600	Concentration/Pathway Title	Year one Semester one	Three hour
•XX.712600	Concentration/Pathway Title	Year one Semester two	Three hour
•XX.721400	Concentration/Pathway Title	Year two Semester one	One hour
•XX.722400	Concentration/Pathway Title	Year two Semester two	One hour
•XX.721500	Concentration/Pathway Title	Year two Semester one	Two hour
•XX.722500	Concentration/Pathway Title	Year two Semester two	Two hour
•XX.721600	Concentration/Pathway Title	Year two Semester one	Three hour
•XX.722600	Concentration/Pathway Title	Year two Semester two	Three hour

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# **New Work-Based Learning Course Numbers In Effect for 2008-2009**

**(continued)**

## **For Work-Based Learning Courses:**

- **The “XX” to the left of the decimal is replaced by the CIP number corresponding to the pathway for the related WBL placement area.**
  - **For example, 01=Agriculture, 07=Business and Computer Science, 20=Family and Consumer Science, 21= Engineering and Technology, etc.**





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# Career Development Update

## Virtual Career Counselor

- Developed in collaboration with Virtual Schools to provide career guidance 24-7 for all students and their parents.
- See the flyer for more information.

### Georgia Virtual Career Counselor

Specializing in career decision making for ALL students and assisting in answering the following questions:

☐ **Who am I?**


Career Assessment-Learning about "you" is a critical part of career planning.

☐ **Where am I going?**

Career Exploration-Investigating the world of work will take time and effort on your part to become familiar with ALL your opportunities.

☐ **How will I get there?**

Education and Career Planning-Creating a plan will assist you to reach your education and career goals.



This site was developed through a collaborative effort between Career, Technical and Agriculture Education and Georgia Virtual School. You can access the site at [www.gacareercounselor.org](http://www.gacareercounselor.org)



Education and career planning involves every aspect of your educational journey--from your behavior to your choice of classes and how much time you spend studying! This site can help you on your journey to life-long learning and working. We call it "learning a living!"

Anytime, Any Place, Day or Night

Continually enhanced and updated!

July, 2008/CTAE/Career Development

# Career Development Update

(continued)

## Nontraditional Pathways/Notebook

- Designed from the March 2008 workshops to increase the enrollment of students in pathways considered nontraditional
- Perkins Core Indicators 6S1 and 6S2 Planning




# Career Development...the foundation

## Education and Career Planning Tools

- Templates for Phase III pathways by August 15<sup>th</sup>
- Remember these are templates and can be customized by the LEA.
- Other pathway resources are being posted as they are developed. For more

[http://www.gadoe.org/ci\\_cta.aspx?PageReq=CICTACareer](http://www.gadoe.org/ci_cta.aspx?PageReq=CICTACareer) information, click on:

**Peach State Pathways: Education and Career Planning Tool**  
**Healthcare Science**



Learner Name \_\_\_\_\_ Date \_\_\_\_\_  
Learner Signature \_\_\_\_\_ Advisor/Counselor Signature \_\_\_\_\_  
Parent/Guardian Signature \_\_\_\_\_

*This plan of study should serve as a guide, along with other career planning materials, as you continue your education. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals.*

**All plans will meet minimum high school graduation requirements as well as minimum college entrance requirements.**  
All plans will meet minimum high school graduation requirements as well as minimum college entrance requirements.

High School Education and Career Plan		I. English Language Arts (4 units)		II. Mathematics (4 units)		III. Science (4 units)		IV. Social Studies (3 units)		V. Required Electives (3 units) and Other Electives (4 units) CTAE and/or Modern Language/Latin and/or Fine Arts		VI. Health & Physical Edu. (1 unit)	
Career Enhancement Opportunities	<b>Graduation Rules for 9th grade enrolling 2008-2009</b>  <b>Sample Additional English Courses:</b> Literary Types Composition Oral/Written Communication	English 9 English 10 English 11 English 12  AP Lit and Comp AP Lang and Comp IB English SL (Am Lit) IB English HL (World Lit)	Math 1 Math 2 Math 3 Math 4 OR Accelerated Math 1 Accelerated Math 2 Accelerated Math 3	Biology Physical Science OR Physics Chemistry OR Environmental Science OR Earth Systems OR an AP/IB course	Am Gov/Civics (1/2 unit) World History US History Economics (1/2 unit)	<b>Career Pathway Sequence of Courses:</b>  25.52100 Introduction to Health Science 25.52200 Application to Therapeutic Services 25.56100 Nursing Essentials  <b>CAREER PATHWAY RELATED COURSES:</b>  25.59100 Application of Medical Terminology in Healthcare Science 20.41810 Nutrition and Wellness		Health Physical Edu					
		<b>Sample Additional Math Courses:</b> TBA	AP Statistics Calculus AP Calculus AB AP Calculus BC IB Math Methods IB Math Studies SL IB Math SL IB Math HL	AP/IB course AP Biology AP Physics AP Chemistry IB Biology SL IB Biology HL IB Biochemistry IB Chemistry SL/HL	AP World History AP US History AP Government AP Microeconomics AP Macroeconomics IB Economics SL IB History of the Americas (SL)	<b>Modern Language/Latin</b> 2 units required for admission to Georgia University System Colleges/Universities For a listing of Modern Language/Latin courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.		<b>Sample Additional Health &amp; PE Courses:</b> Rec. Games Team Sports Rec. Games Aerobics					
		<b>Sample Additional Science Courses:</b> Microbiology Human Anatomy & Physiology Environmental Science AP Environmental Sci. Aviation Meteorology Astrophysics	<b>Sample Additional Social Studies Courses:</b> Current Issues The Humanities Technology and Society Psychology Sociology AP Macroeconomics AP Microeconomics	<b>Fine Arts</b> Visual Arts Performing Arts Dramatic Arts  For a listing of Fine Arts courses offered at your high school, please check with your advisor, counselor or curriculum handbook.									
<b>Career-Related Education Activities</b> <input type="checkbox"/> Career Awareness <input type="checkbox"/> Career Exploration <input type="checkbox"/> Instructional Related <input type="checkbox"/> Connecting <input type="checkbox"/> Work-Based Learning <input type="checkbox"/> Employability Skills <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Youth Apprenticeship <input type="checkbox"/> CICA		<b>Postsecondary Options:</b> <ul style="list-style-type: none"> <li>4-Year Universities/Colleges</li> <li>2-Year Colleges</li> <li>Technical Colleges</li> <li>State Registered Apprenticeships</li> <li>Special Purpose Schools</li> <li>On-the-Job Training</li> <li>Military</li> </ul>		<b>Possible postsecondary credit opportunities may include:</b> <ul style="list-style-type: none"> <li>*Advanced Placement</li> <li>*Articulated Credit (Technical Colleges)</li> <li>*Dual Enrollment/COEL (Degree Programs)</li> <li>*Dual Enrollment/HORE (Certificate and Diplomas)</li> <li>*Joint Enrollment (postsecondary credit only)</li> </ul>									

\*Postsecondary credit opportunities allow high school students to earn both college and high school credit simultaneously while in high school. Check with your advisor/counselor and Education and Career Reinforcing program manager for more information regarding these opportunities and others, such as Early College/Work-based learning, which serve both middle and high school students.





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**Career Development Coordinator**

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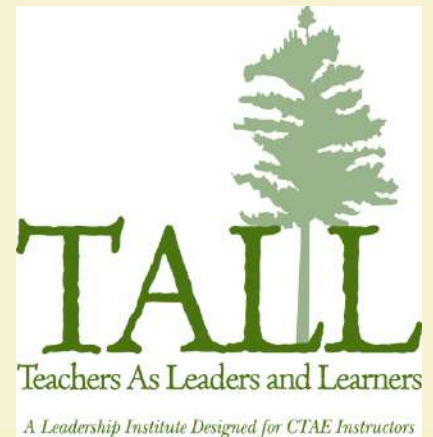
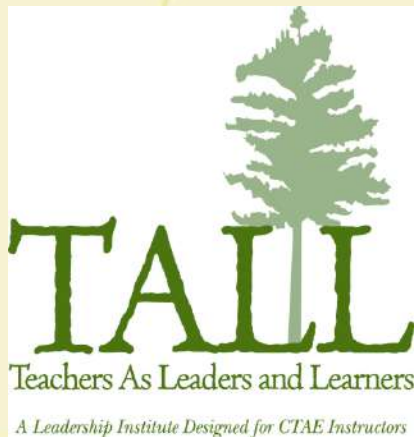
**[vsnyder@doe.k12.ga.us](mailto:vsnyder@doe.k12.ga.us)**

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# Teachers As Leaders And Learners

**A leadership institute  
designed for CTAE  
teachers**

**Sponsored By:**  
**CTAE Resource  
Network  
GACTE  
Georgia DOE**



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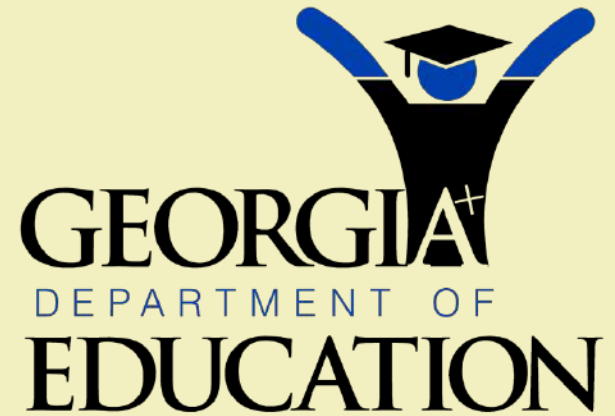


# **2008-2009 TALL Applicant Information**

**Application Submission Deadline  
Postmarked by *September 16, 2008***

**Applications Available At The Following Locations:**

- [www.ctaern.org](http://www.ctaern.org)
- [www.gacte.org](http://www.gacte.org)
- [www.doe.k12.ga.us](http://www.doe.k12.ga.us)
- Also available at Booth #419 in the GACTE Exhibit Hall



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# Education Career Partnership (ECP) Options Update

## Option 1 Single System

- 75 systems selected

## Option 2 Consultant

- 5 systems selected

## Option 3 Secondary partnership

- 3 systems selected

## Option 4 RESA

- 10 systems selected

## Option 5 Postsecondary

- 38 systems selected

## Option 6 Develop Pathway

- 1 system selected

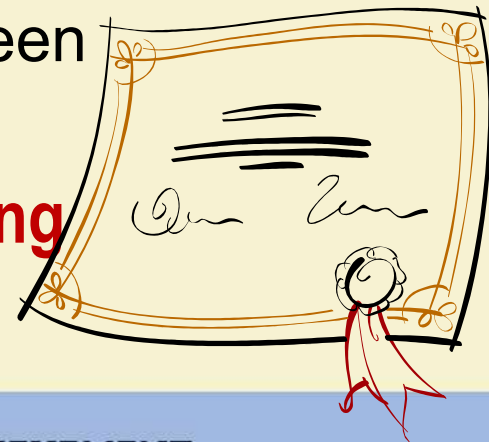
## Option 7 Combined

- 45 systems selected

# Upcoming Education Career Partnership Leadership Certification Training

- **Opportunity to acquire National Career Pathways Certification Training has been scheduled for CTAE Directors**
  - Thursday, October 3, 2008. Gwinnett Marriott – First day of training
  - Wednesday, December 3, 2008. Macon Centreplex – Second day of training
  - \$100 registration fee. Register on the CTAE Resource Network ([www.ctaern.org](http://www.ctaern.org)) between now and September 25.

**Please note: Attendance at both days of training are required to receive the certification**



# Education Career Partnership Training (continued)

## National Career Pathways Training

- Provided by Debbie Mills, nationally-certified trainer from the National Career Pathways Network (NCPN)
- The certification workshop for current and future leaders is designed to provide tools and resources for career pathways implementation.
- The two workshops will involve 15 contact hours

### Workshop topics include:

- Emerging Economies and the Need for Change
- Tech Prep and Career Pathways
- Career Planning
- Community Teaming

# Activities Through the Education Career Partnership Initiatives

- Transitional Services
- Adult Career Pathways
- Career Pathways 101
- Curriculum Alignment and Improvement
- Perkins 101- Path to Reauthorization
- Improving Academic Achievement
- Data Collection and Accountability
- Implementing a Professional Development Program... and  
**Where to Begin**







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# *High Schools That Work (HSTW) Update*

**Congratulations to the following schools for winning the following *HSTW* Awards:**

- **2008 *HSTW* Pacesetter Award**

- Camden County High School
- Dalton High School
- Dawson Co. High School
- Savannah Arts Academy

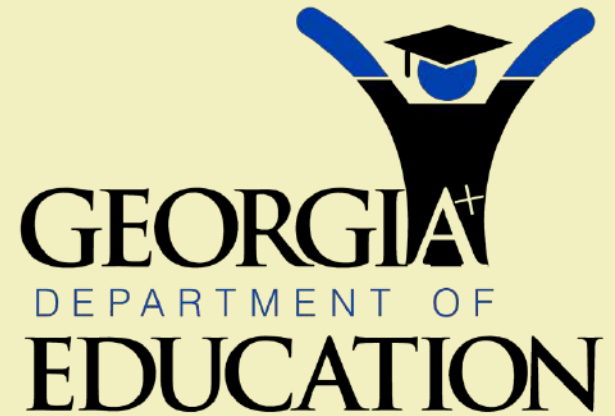
- **2008 *HSTW* Gold Achievement Award**

- Druid Hills High School



# National Defense Cadet Corps (NDCC)/JROTC Program

- Applications for competitive grants are now available to schools with 750 student enrollment of less and meeting all criteria for NDCC programs to begin in January 2009
- Information regarding these grants were emailed to superintendents, principals, and CTAE directors
- Deadline for receipt of grant application is ***September 1, 2008***



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**Stan McCallar**

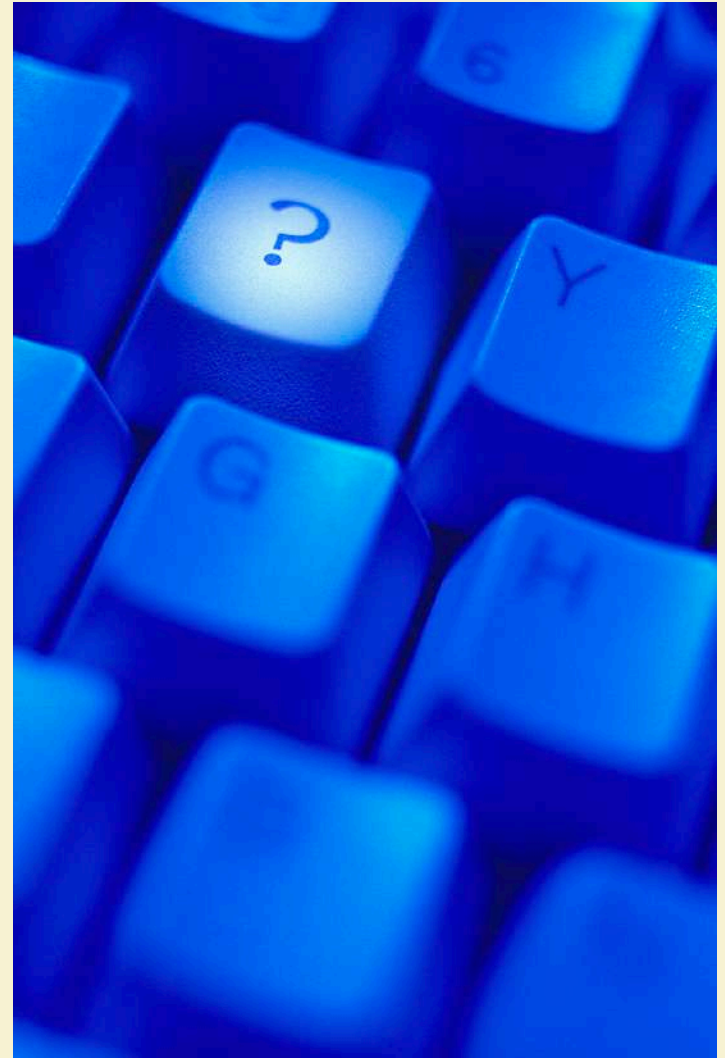
**JROTC/High Schools That Work**

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# Questions/Comments?



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