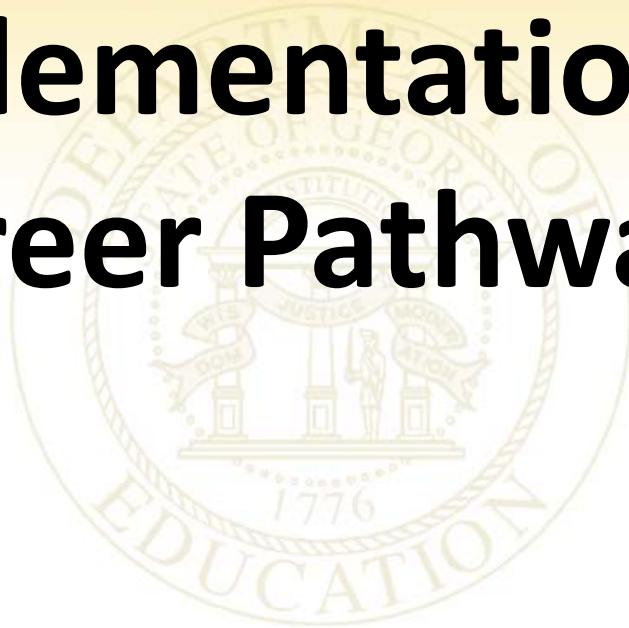


Implementation of Career Pathways



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Georgia's College and Career Ready Clusters



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Georgia General Assembly Laws: House Bill 400 (May, 2010); House Bill 186; House Bill 713 mandates academic and career advisement, alignment with national career clusters and the development of a comprehensive K-12 career program of study



Career Awareness in Elementary Schools – Who Am I?

- Career-related Cluster Awareness activities in Grades 1-5
- Career Portfolio in Grade 5



Career Exploration in Middle Schools – Where Am I Going?

- Student accounts on websites such as GAcollge411.org
- Career Inventories taken in Grades 6 & 7
- Individual Graduation Plan (IGP) by the end of the 8th grade with student and parent consultation.



Career Management in High Schools – How Will I Get There?

- On-going advisement with student and parents to ensure graduation and next steps; annual review of the IGP

Why Career Clusters?

A Career Cluster is a tool for a seamless educational system that:

- blends rigorous academic/technical preparation
- provides career development
- offers options for students to experience all aspects of a business or industry
- Provides the opportunity for students to earn industry credentials
- facilitates/assists students and educators with ongoing transitions



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What Are The 17 Clusters?

Agriculture, Food & Natural Resources

Architecture & Construction

Arts, Audio/Video Technology & Communications

Business Management & Administration

Education and Training

Energy Systems

Finance

Government & Public Administration

Health Science



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What Are The 17 Clusters?

Hospitality & Tourism

Human Services

Information Technology

Law, Public Safety, Corrections & Security

Manufacturing

Marketing

Science, Technology, Engineering & Mathematics

Transportation, Distribution & Logistics



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Why Pathways?

Career Pathways are sub-groupings of occupations and career specialties used as an organizing tool for curriculum design and instruction.

Career Pathways focus on easing and facilitating student transition from high school to work, technical college or a traditional college.



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The Vision for Georgia's Students: All students completing a Career Pathway

Students select pathways that match their interests and aptitudes



Pathway completers (3 or more specified courses in a pathway sequence)



Increase pathway completers earning industry credentials (EOPA)



Students graduate college and career ready



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```
graph LR; HS[Health Science] --- PCF[Patient Care Fundamentals]; HS --- AHM[Allied Health and Medicine]; HS --- TS[Therapeutic Services]; HS --- D[Diagnostics]; HS --- BRD[Biotechnical Research & Development]; HS --- HIM[Health Information Management];
```

Health Science

Patient Care Fundamentals

Allied Health and Medicine

Therapeutic Services

Diagnostics

Biotechnical Research & Development

Health Information Management

* 6 examples of the 17 Pathways in Health Science



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**Therapeutic
Services Pathway**

**25.52100
Introduction to
Health Science**

**25.44000
Essentials of
Healthcare**

**25.58000
Principles of
Physical Medicine**



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Pathways Transition

- Foundational Courses May 2013
- Second and third courses:
 - Phase 1 adopted January 16, 2014
 - Phase 2 submitted to State Board February 20, 2014
- Peach State Pathways (old 11 concentrations)
- New Career Cluster Pathways
- Course scheduling challenges and CCRPI
- Problem: everyone wants copies of the pathway charts and course titles and course numbers to create master schedules for 2014-2015.



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Adoption Process

- Courses submitted to State Board for approval to post publicly
- Courses posted 60 days
- Revisions based on public review comments
- Final Courses submitted to State Board for adoption
- New courses are adopted but are not on the State approved course list yet
- New course numbers are submitted for the next approval of the State Board Rule for approved courses (**IDA(3) 29 May 2013 [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)
- IDA with the newly added courses is approved by the State Board
- Adopted courses are edited for posting on the website
- When information is distributed ahead of the process it implies assumptions about the State Board's role in the process



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Key Dates

- February 20, 2014 – Adoption of remaining Courses
- April 2014 – List of State Approved Courses
- June 2014 – Student data file used for CCRPI score
- Discuss particular concerns about pathways and courses in the pathway sequences until printed materials can be distributed



CTAE Webpage



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Race to the Top (RT3)

School Improvement ▶

School Turnaround

State Board of Education

Accountability

Assessment Research, Development and Administration

Career, Technical and Agricultural Education

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School Psychological Services

Special Education Services and Supports

Student Support Teams



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CTAE Pathways and Courses



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Development and Transition ▸

Program Delivery ▸

Agricultural Education ▸

Accountability and Improvement ▸

Finance and Resource ▸

Career, Technical and Agricultural Education



CTAE

Career, Technical & Agricultural Education
Education that works for Georgia

**Career Clusters/Pathways
Approved Foundation Courses**

[click here](#)

Contact Information

David Turner
Director, Career, Technical and Agricultural Education
Phone: 404-657-8304
Email: dturner@doe.k12.ga.us

CTAE Links

- [Georgia Career Clusters/Pathways](#)
- [Georgia End of Pathway Assessment](#)
- [Plans of Study](#)
- [Georgia Microsoft IT Academy](#)
- [CTAE 2014 Winter Leadership Conference and Perkins Strategic Planning](#)

Approved Courses

Georgia Department of Education > Curriculum, Instruction and Assessment > Career, Technical and Agricultural Education > Career Cluster/Pathway Foundation Co

Surveys

Counselor Resources

Guidance and Counseling

Development and Transition

Program Delivery

Agricultural Education

Accountability and Improvement

Finance and Resource

Career Cluster/Pathway Foundation Courses

Agriculture

02.47100 - Basic Agriculture Science

Architecture and Construction

46.54500 - Industry Fundamentals and Occupational Safety

48.54100 - Introduction to Drafting and Design

Arts, Audio-Video Technology and Communications

10.51810 - Audio-Video Technology Film I

48.56100 - Introduction to Graphics and Design

Business Management and Administration

Career Cluster Resources

CCGPS Technical Literacy Standards Grades 9-12

Career Cluster, Pathway, & Course Descriptions

Agriculture Cluster

Architecture and Construction Cluster

Arts, Audio-Video Technology and Communications Cluster

Business Management & Administration Cluster



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Existing Peach State Pathways

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Career, Technical and Agricultural Education

- Surveys
- Guidance and Counseling
- Development and Transition
- Program Delivery**
 - Program Delivery Overview // 2013
- Agricultural Education
 - Architecture, Construction, Communication and Transportation
 - Business and Computer Science**
 - Culinary Arts
- Accountability and Improvement
- Finance and Resource
 - Education Opportunities
 - Family and Consumer Sciences Assessments
 - Engineering and Technology
 - Government and Public Safety

Contact Information
David Turner
Director, Career, Technical and Agricultural Education
Phone: 404-657-8304
Email: dtuner@doe.k12.ga.us

CTAE Links
[Plans of Study](#)
[Newsletters](#)
[Move on When Ready Law](#)
[Presentations](#)



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Existing Peach State Pathways

Career Cluster 1

Career Pathways

Pathways below are intended for teachers to instruct students currently in grades 10, 11 or 12 and enrolled in a career pathway.

- Administrative and Information Support
- Business Logistics Management
- Computer Networking
- Computer Systems and Support
- Computing
- Financial Management – Accounting
- Financial Management – Services
- Interactive Media
- Small Business Development

Middle School Business and Computer Science Performance Standards



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Pathway Options and CCRPI Indicators



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Pathway Options for CCRPI

- CTAE Pathways
- Fine Arts Pathways
- World Language Pathways
- Advanced Academic Pathways



Career, Technical & Agricultural Education (CTAE) Pathways

A Career, Technical & Agricultural Education pathway may be followed in any of Georgia's career-related plans of study aligned with the national career clusters to include Georgia's Energy Cluster.

AP, Dual Enrollment and Georgia Virtual School CTAE courses may be available.

Student must complete a series of courses to complete a career-related pathway and be eligible to participate in Georgia Department of Education recognized end-of-pathway assessment activities.

Successfully passing the end-of-pathway assessment may result in an industry-recognized credential that may be used for future employment.



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Fine Arts Pathways

Visual Arts, Dance, Music, Journalism, Theatre

A fine arts pathway may be followed in any one of the five areas listed above. Upon graduation, students complete a fine arts/performing arts pathway when three courses have been successfully completed in any one of the five areas. A student should consult a counselor or advisor for related coursework.

AP, Dual Enrollment and Georgia Virtual School courses may be available in fine arts.

<http://www.gadoe.org/Curriculum-Instruction-and-Assessment/Accountability/Pages/default.aspx>



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World Language Pathway

2 credits required for admissions to University System Institutions

For a listing of world language courses offered at your high school, please check with your advisor, counselor, or local course description catalog. A world language pathway may be followed in any of the world language areas included in the state list of approved courses. Upon graduation, students earn a world language pathway when they complete 3 units in one language. The third course may reflect an Advanced Placement (AP), International Baccalaureate (IB) or Dual Enrollment designation

Georgia Virtual School and ACCEL courses may be available.

www.gadoe.org/Curriculum-Instruction-and-Assessment/Accountability/Pages/default.aspx



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Advanced Academic Pathways

English/Language Arts, Math, Science, Social Studies

An advanced academic pathway may be followed in any one of the content subjects listed above. Upon graduation, students earn an advanced academic pathway when they complete the required coursework to include at least one Advanced Placement (AP) or one International Baccalaureate (IB) or one [Dual Enrollment](#) course. An advanced academic pathway should also include at least two credits in one world language.

ACCEL and [Georgia Virtual School](#) courses are available in all academic areas

www.gadoe.org/Curriculum-Instruction-and-Assessment/Accountability/Pages/default.aspx



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Guidance on Non CTAE Pathways

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Georgia Department of Education

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- Race to the Top (RT3)
- School Improvement
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- Technology Services



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Pathway Guidance

CCRPI Indicator Guidance

CCRPI High School Indicator #9 Guidance

- **Pathway Guidance**
- Dance Pathway Courses
- Journalism Pathway Courses
- Music Pathway Course
- Theatre Arts Pathway Courses
- Visual Arts Pathway Courses

Presentations

- CCRPI for Public and Press
- CCRPI and ESEA Flexibility for RESAs
- CCRPI for Title I Conference - High Schools
- CCRPI for Title I Conference - Elementary and Middle Schools
- Focus Schools - Updated 10.30.12



Guidelines for Pathway Courses

Document A Advanced Academic Pathway Guidelines for the High School College and Career Ready Performance Index

Advanced Academic Pathway in ELA Criteria:

- 1) Student graduated, thereby completing 4 required credits in ELA, **AND**
- 2) Student's course history in ELA (23 course codes) includes at least one AP* Course Code (23.043; 23.053; 23.065) or one IB* Course Code (23.06800; 23.06900; 23.06110; 23.06120; 23.06130) **or** one post secondary enrollment code in 23 that fulfills a core graduation requirement in ELA, **AND**
- 3) Student earned credits in two sequential courses in one world language.

Advanced Academic Pathway in Mathematics Criteria:

- 1) Student graduated, thereby completing 4 required credits in mathematics, **AND**
- 2) Student's course history in mathematics (27 course codes) includes at least one AP* Course Code (27.072; 27.073; 27.074) **or** one IB* Course Code (27.06120; 27.06130; 27.05220; 27.05240) **or** one post secondary enrollment code in 27 that fulfills a core graduation requirement in Mathematics, **AND**
- 3) Student earned credits in two sequential courses in one world language.

Advanced Academic Pathway in Science Criteria:



Student Plans of Study

A visual tool to assist counselors, students and their families with the educational and career-planning process, which includes both academic and technical knowledge and skills as well as possible opportunities for earning college credit while in high school

Plans of Study for all academic, CTAE, fine arts and world language pathways and the guidance is located on the CTAE webpage of the GaDOE website.

*****To be revised Fall/Winter 2013-2014**



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Student Plan of Study – Therapeutic Services (Nursing)

Name _____ Date _____ School _____

Parent/Guardian Signature _____ Date _____ Advisor/Counselor Signature _____ Date _____

Current Area of Interest: Health Science/Therapeutic Services (Nursing) - This PLAN OF STUDY should serve as a guide for the next four years. Courses listed in this plan are only **recommended** coursework and should be individualized to meet each student's educational and career goals. All plans will meet minimum high school graduation requirements. Applicants to University System of Georgia and the Technical College System of Georgia institutions should be advised that meeting minimum requirements will not guarantee admission. Postsecondary institutions may set additional requirements.

Grade Level	I. English/Language Arts Total 4 credits	II. Math Total 4 credits	III. Science Total 4 credits	IV. Social Studies Total 3 credits	V. Health/Personal Fitness Total 1 credit	VI. Possible electives in additional pathways (students should check the local course description catalog for these and other electives) Total 4 credits
9	9 th Literature & Composition or Dual Enrollment 1 credit Credit Earned <input type="checkbox"/>	*1 COGPS Cord Alg 2 COGPS Analytic Geom 3 COGPS Accel Cord Alg/Analytic Geom 4 COGPS Accel Analytic Geom BI/Adv Alg 1 credit Credit Earned <input type="checkbox"/>	*Biology or Dual Enrollment 1 credit Credit Earned <input type="checkbox"/>	American Government/Civics or AP Government/ Politics US or Dual Enrollment ½ credit Credit Earned <input type="checkbox"/>	Health ½ credit Credit Earned <input type="checkbox"/> Personal Fitness ½ credit Credit Earned <input type="checkbox"/> ***VI. CTAE Pathway Total 3 credits	Advanced Academic Pathways English/Language Arts, Math, Science, Social Studies An advanced academic pathway may be followed in any one of the content subjects listed above. Upon graduation, students earn an advanced academic pathway when they complete the required coursework to include at least one AP or one IB or one Dual Enrollment course. An advanced academic pathway should also include at least two credits in one world language. AP, Dual Enrollment and Georgia Virtual School courses may be available.
10	10 th Literature & Composition or World Literature & Composition or Dual Enrollment 1 credit Credit Earned <input type="checkbox"/>	*1 COGPS Analytic Geom 2 COGPS Adv Algebra 3 Accel Analytic Geom/Adv Alg 4 COGPS Pre-Calculus 1 credit Credit Earned <input type="checkbox"/>	*Physical Science or Physics or Dual Enrollment 1 credit Credit Earned <input type="checkbox"/>	World History or AP World History or Dual Enrollment 1 credit Credit Earned <input type="checkbox"/>	*25.52100 Intro to Healthcare Science or Dual Enrollment 1 credit Credit Earned <input type="checkbox"/>	World Language Pathways **2 credits required for admissions to University System Institutions For a listing of world language courses offered at your high school, please check with your advisor, counselor, or local course description catalog. A world language pathway may be followed in any of the world language areas included in the state list of approved courses. Upon graduation, students earn a world language pathway when they complete 3 units in one language. The third course may reflect an AP, IB or Dual Enrollment designation. Georgia Virtual School and ACCEL courses may be available.
11	American Literature/Composition or AP English Language & Composition/American Lit or Dual Enrollment 1 credit Credit Earned <input type="checkbox"/>	*1 COGPS Adv Alg 2 COGPS Pre-Calculus 3 COGPS Accel Pre-Cal 4 COGPS Cal or AP Cal 1 credit Credit Earned <input type="checkbox"/>	*Chemistry or Environmental Science or Earth Systems or AP/IB or Dual Enrollment 1 credit Credit Earned <input type="checkbox"/>	United States History or AP US History or IB History of the Americas or Dual Enrollment 1 credit Credit Earned <input type="checkbox"/>	****Proposed course Essentials of Healthcare or Dual Enrollment 1 credit Credit Earned <input type="checkbox"/>	Fine Arts/Performing Arts Pathways Visual Arts, Dance, Music, Journalism, Theatre A fine arts pathway may be followed in any one of the five areas listed above. Upon graduation, students complete a fine arts/performing arts pathway when three courses have been successfully completed in any one of the five areas. A student should consult a counselor or advisor for related coursework. AP, Dual Enrollment and Georgia Virtual School courses may be available.
At the end of the 11th grade, students planning to enter a University System of Georgia Institution or Technical College System of Georgia Institution should take the appropriate admissions test (SAT, ACT, Compass).						Legend:
12	Advanced Composition or British Literature or AP English Literature & Composition or Dual Enrollment 1 credit Credit Earned <input type="checkbox"/>	COGPS Pre-Calculus or Calculus or AP Calculus or AP Statistics or IB Math or Dual Enrollment 1 credit Credit Earned <input type="checkbox"/>	Any other courses or Human Anatomy & Phys or Epidemiology or Dual Enrollment 1 credit Credit Earned <input type="checkbox"/>	Econ/Business/Free Enterprise or AP Macro Econ or AP Micro Econ or IB Econ or Dual Enrollment ½ credit Credit Earned <input type="checkbox"/>	****Proposed course Nursing Essentials or Dual Enrollment 1 credit Credit Earned <input type="checkbox"/>	Science: Approved 4th Sciences may be used to meet both the required science and required elective in a Career, Technical and Agricultural Education (CTAE) sequence of courses; see Fourth Science Requirements for more information. Student may take science courses in any sequence. *Math: Select Math sequence 1, 2, 3, 4, based on 9 th grade entry course. **Students must complete 2 years (2 credits) of the same world language for admission to University System of Georgia institutions. *** Students should complete a CTAE pathway and take the related end of pathway assessment. ****Proposed courses are under development and review. NOTE: All courses do not follow the same sequence at the local level; not all local systems offer every pathway. Students should explore all credit possibilities including Georgia's Virtual School Program , Dual Enrollment , Advanced Placement (AP), International Baccalaureate (IB) and Work-Based Learning (WBL) to reach their educational and career goals.
Sample Elective Course	Other English Elective Courses: Literary Types/Composition Journalism Oral/Written Communication Speech	Other Math Elective Courses: Adv Math Decision Making Math of Industry & Govern Math of Finance	Other Science Elective Courses: Microbiology Biochemistry or Organic Chemistry Sci Research III or IV	Other Social Studies Elective Courses: Humanities Current Issues Psychology Sociology	Other CTAE Elective Courses: AP and Georgia Virtual School may be available for CTAE courses	

SAMPLE Pathway OCCUPATIONS

See [*Georgia's HOT Careers to 2020](#) for more information on high-skilled, high-wage and high-demand occupations.

Occupation Specialties	Entry Level of Education Needed	2012 Annual Wage	Annual Openings 2012-2020
*Registered Nurses	Associate's Degree	\$63,200	3,300
*Medical and Health Services Managers	Bachelor's Degree	\$87,000	510
*Healthcare Social Workers	Advanced Degree	\$46,800	220

Source: Georgia Department of Labor/ONET

***Related Pathway Occupations:**
 Certified Nursing Assistants (CNA)
 Licensed Practical Nurses (LPN)
 Registered Nurses (RN)
 Specialized Nursing
 Athletic Trainers
 Home Health Aides
 Anesthesiologist Assistants
 Athletic Trainers

Other Related Health Science Occupations:
 Medical Assistant
 Occupational Therapist / Assistants
 Physical Therapist / Assistants
 Physician's Assistants
 Recreation Therapists
 Respiratory Therapists
 Surgical Technicians

*ONET Online

Go to [GACollege411](#) at <http://www.GACollege411.org> for more information about your education and career planning, including valuable financial aid information that includes grants and scholarships.

***Current Georgia Graduation Rule

Coursework	Credits	Coursework	Credits
I. English/Language Arts	4	V. Health & Physical Education	1
II. Math	4	VI. **Career, Technical & Agricultural Education and/or ***World Languages, and or Fine Arts	3
III. *Science	4	VII. Electives	4
IV. Social Studies	3	TOTAL	23

*Selected [4th Science](#) courses may be used to meet both the required science and required elective in CTAE sequence of courses.

**Students must complete 3 credits to complete CTAE pathway and take the end of pathway assessment.

***Students must complete 2 years of the same world language for admission to Georgia Board of Regents colleges/universities.

**** Current graduation requirements should be met in all content areas.

NOTE: This plan represents minimum graduation requirements. Local systems may require additional coursework.

Postsecondary Transition:

- Students who will continue their education in a Program of Study at one of University System of Georgia institutions should prepare to take the ACT or SAT for admissions. Admission's testing varies from institution to institution. Students should contact the selected institution for specific testing information. Additional admissions information can be found at [Staying On Course](#). (www.usg.edu/student_affairs/documents/Staying_on_Course.pdf)
- Students who will continue their education in a Program of Study at one of Georgia's Technical Colleges should prepare to take the COMPASS test for admissions.
- Students who will continue their education and training in the US Military should take the ASVAB assessment.
- Students should utilize [GACollege411](#) to select the most appropriate postsecondary opportunities including registered apprenticeships to match their selected career field.
- Students can earn both high school and postsecondary credit while in high school. Georgia has multiple [dual enrollment](#) programs, including ACCEL, AP, IB, Dual Hope, Move On When Ready and Articulation.

Possible Student Pathway Credentialing Opportunities:

Certified Nursing Assistant (CNA)

National Healthcare Association-Certified Patient Care Technician (NHA-CPCT)-Students may sit for this exam if they take an additional 4th course, 25.52600 Allied Health & Medicine

American Red Cross CPR and First Aid Certification

Therapeutic Services/Nursing

Careers in the Therapeutic Services pathway are focused primarily on changing the health status of the patient over time. Health professionals in this pathway work directly with patients and may provide care, treatment, counseling and health education information. National labor market information indicates that eight out of the top twenty fastest-growing occupations are in the Health Science industry. (OOH)

Based on an aging population and a retiring workforce, the demand for health care workers will remain high through 2020. As roles of careers in Therapeutic Services change, professionals in this pathway will find increased opportunities to work independently. Additionally, an increasing number of career opportunities are becoming available outside of the traditional hospital setting.

Educational levels vary from occupation to occupation. Most Health Science occupations require additional education after high school and require that potential employees acquire the appropriate certification and/or licensing.

Workers in the Health Science industry must have a solid background in math, science, communications, and technical skills, be knowledgeable in their subject area, have the ability to communicate with others, and inspire trust and confidence.

Occupations in the Health Sciences represent the largest and fastest-growing industry in the United States employing over 10 million workers in more than 200 careers. Those considering a nursing career should have a strong desire to help others, a genuine concern for the welfare of patients and clients, and an ability to deal with people of diverse backgrounds in stressful situations.

Rapid job growth is expected in hospital outpatient facilities, such as same-day surgery, rehabilitations, and chemotherapy. Growth is also expected in nursing care facilities and in home health care. RNs with a bachelor's degree will have better job prospects in supervisory and managerial positions than those with either an associate's degree or a diploma. The pay scale will increase as students specialize to nurse practitioner, nurse anesthetist and clinical nurse specialist.

Pathway Options for CCRPI

- CTAE Pathways
- Fine Arts Pathways
- World Language Pathways
- Advanced Academic Pathways



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2013 College and Career Ready Performance Index, High School, Grades 9 - 12

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CONTENT MASTERY

1. Percent of students scoring at Meets or Exceeds on the Ninth Grade Literature End of Course Test (required participation rate \geq 95%)
2. Percent of students scoring at Meets or Exceeds on the American Literature End of Course Test (required participation rate \geq 95%)
3. Percent of students scoring at Meets or Exceeds on the Coordinate Algebra/GPS Algebra/Mathematics I End of Course Test (required participation rate \geq 95%)
4. Percent of students scoring at Meets or Exceeds on the GPS Geometry (transitioning to CCGPS Analytic Geometry in 2013-2014)/Mathematics II End of Course Test (required participation rate \geq 95%)
5. Percent of students scoring at Meets or Exceeds on the Physical Science End of Course Test (required participation rate \geq 95%)
6. Percent of students scoring at Meets or Exceeds on the Biology End of Course Test (required participation rate \geq 95%)
7. Percent of students scoring at Meets or Exceeds on the US History End of Course Test (required participation rate \geq 95%)
8. Percent of students scoring at Meets or Exceeds on the Economics End of Course Test (required participation rate \geq 95%)

POST HIGH SCHOOL READINESS

9. Percent of graduates completing a CTAE pathway, or an advanced academic pathway, or a fine arts pathway, or a world language pathway within their program of study
10. Percent of CTAE Pathway Completers earning a national industry recognized credential, or an IB Career-Related Certificate, or a passing score on a GaDOE recognized end of pathway assessment (operational in 2014-2015)

on the composite ACT; or scoring at least 1550 out of 2400 on the combined SAT; or scoring 3 or higher on two or more AP exams; or scoring 4 or higher on two or more IB exams

12. Percent of graduates earning high school credit(s) for accelerated enrollment via ACCEL, Dual HOPE Grant, Move On When Ready, Early College, Gateway to College, Advanced Placement courses, or International Baccalaureate courses
13. Percent of students scoring at Meets or Exceeds on the Georgia High School Writing Test
14. Percent of students achieving a Lexile measure greater than or equal to 1275 on the American Literature EOCT
15. Percent of EOCT assessments scoring at the Exceeds level
16. Student Attendance Rate (%)

GRADUATION RATE

17. 4-Year Cohort Graduation Rate (%)
18. 5-Year Extended Cohort Graduation Rate (%)

9. Percent of graduates completing a CTAE pathway, or an advanced academic pathway, or a fine arts pathway, or a world language pathway within their program of study

10. Percent of CTAE Pathway Completers earning a national industry recognized credential, or an IB Career-Related Certificate, or a passing score on a GaDOE recognized end of pathway assessment (operational in 2014-2015)



End of Pathway Assessments



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Career, Technical and Agricultural Education

Student Credentialing Opportunities

Georgia Assessments

END OF PATHWAY ASSESSMENTS
INDUSTRY CERTIFICATIONS
OCCUPATIONAL ASSESSMENTS
STATEWIDE LICENSURE OR ASSESSMENTS

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Contact Information

David Turner
Director, Career, Technical and
Agricultural Education
Phone: 404-657-8304
Email: dturner@doe.k12.ga.us

CTAE Links

- [Georgia Career Clusters/Pathways](#)
- [Georgia End of Pathway Assessment](#)
- [Plans of Study](#)
- [Georgia Microsoft IT Academy](#)
- [CTAE 2014 Winter Leadership](#)



EOCT Test Out Procedures

- EOCT scores are not required to be on a student's transcript
- Required to be on, in or with a student's report card
- A field will be added to the Student Record that will identify "Credit in Lieu of enrollment in the course"
- Yes or no dropdown to indicate if student received credit by "testing out"



Exceeding the Bar Indicators

In addition to the eighteen (18) items within the College and Career Ready Performance Index, high schools may earn additional points for these supplemental indicators.

1. Percent of graduates earning credit in a physics course
2. Percent of first time 9th grade students with disabilities earning 3 Carnegie Unit Credits in 3 core content areas (ELA, mathematics, science, social studies) and scoring at Meets or Exceeds on all required EOCT
3. Percent of first time 9th grade students earning 4 Carnegie Unit Credits in 4 core content areas (ELA, mathematics, science, social studies) and scoring at Meets or Exceeds on all required EOCT
4. School has earned a Georgia Science, Technology, Engineering and Math (STEM) Program Certification
5. Percent of English Learners with positive movement from one performance band to a higher performance band based on the ACCESS for ELLs
6. Percent of graduates completing a career-related Work-Based Learning Program or a career-related Capstone Project (includes IB projects; moves to face of CCRPI in 2016-2017)
7. Percent of graduates completing a career-related Work-Based Learning Program or a career-related Capstone Project (includes IB projects; moves to face of CCRPI in 2016-2017)
8. Percent of teachers utilizing the Statewide Longitudinal Data Systems (SLDS) (operational in 2013-2014)
9. School or LEA-defined innovative practice accompanied by data supporting improved student achievement: **examples include but are not limited to** Charter System, Georgia College and Career Academy, Race to the TOP, Striving Reader initiative, dual language immersion program, Literacy Design Collaborative (LDC) and/or Mathematics Design Collaborative (MDC), Response to Intervention (RTI), Positive Behavioral Interventions & Supports (PBIS), local instructional initiatives, etc. Practice must be reported via the CCRPI Data Collection application.
10. School or LEA-defined interventions or practices designed to facilitate a personalized climate in the school: **examples include but are not limited to** Teachers as Advisors program; mentoring program; Positive Behavioral Interventions & Supports (PBIS); service-learning program; peer mediation; conflict mediation. (operational in 2013-2014)

To be included after statewide implementation:

Percent of tested students scoring at a proficient level on a Soft Skills Assessment

School's average score on the Georgia Teacher Effectiveness Measurement

School's average score on the Georgia Leader Effectiveness Measurement

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6. Percent of graduates completing a career-related Work-Based Learning Program or a career-related Capstone Project (includes IB projects; moves to face of CCRPI in 2016-2017)



High School Capstone Project

- Meeting of Representatives held at GACTE and 10/2 in Macon
- Considerations include: Research Project, Mentoring, Presentation, Portfolio, Soft Skills assessment
- Career Related
- Flexibility among local systems
- Timeline for Completion— Spring 2014



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2013 College and Career Ready Performance Index, Middle School, Grades 6 - 8

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CONTENT MASTERY

1. Percent of students scoring at Meets or Exceeds in ELA (required participation rate \geq 95%)
2. Percent of students scoring at Meets or Exceeds in reading (required participation rate \geq 95%)
3. Percent of students scoring at Meets or Exceeds in mathematics (required participation rate \geq 95%)
4. Percent of students scoring at Meets or Exceeds in science (required participation rate \geq 95%)
5. Percent of students scoring at Meets or Exceeds in social studies (required participation rate \geq 95%)

POST MIDDLE SCHOOL READINESS

6. Percent of English Learners with positive movement from one Performance Band to a higher Performance Band as measured by the ACCESS for ELLs
7. Percent of Students With Disabilities served in general education environments greater than 80% of the school day
8. Percent of students scoring at Meets or Exceeds on the Grade Eight Writing Assessment (required participation rate \geq 95%)
9. Percent of students scoring at Meets or Exceeds on the Grade Eight Reading Assessment (required participation rate \geq 95%)
10. Percent of students completing 2 or more state defined career related assessments/inventories and a state defined Individual Graduation Plan by the end of grade 8

11. Student Attendance Rate (%)

PREDICTOR FOR HIGH SCHOOL GRADUATION

12. Percent of students in grade eight passing at least four courses in core content areas (ELA, mathematics, science, social studies) and scoring at Meets or Exceeds on all CRCT and required EOCT
13. Percent of CRCT assessments scoring at the Exceeds level (ELA, reading, mathematics, science, social studies)

10. Percent of students completing 2 or more state defined career related assessments/inventories and a state defined Individual Graduation Plan by the end of grade 8



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Exceeding the Bar Indicators

In addition to the thirteen (13) items within the College and Career Ready Performance Index, middle schools may earn additional points for these supplemental indicators.

1. Percent of students earning a passing score in three middle school courses in the fine arts, or career exploratory, or world languages by the end of grade 8 (courses must be in the same area of concentration)
2. Percent of students earning at least one high school credit by the end of grade 8 (ELA, mathematics, science, social studies, world languages, fine arts, CTAE) and scoring at Meets or Exceeds on all CRCT and required EOCT
3. School has earned a Georgia Science, Technology, Engineering and Math (STEM) Program Certification
4. Percent of students in grade 8 scoring proficient/advanced on the 21st Century Skills Assessment
5. Percent of teachers utilizing the Statewide Longitudinal Data Systems (SLDS) (operational in 2013-2014)
6. School or LEA-defined innovative practice accompanied by data supporting improved student achievement: **examples include but are not limited to** Charter System, Race to the TOP, Striving Reader initiative, dual language immersion program, Literacy Design Collaborative (LDC) and/or Mathematics Design Collaborative (MDC), Response to Intervention (RTI), Positive Behavioral Interventions & Supports (PBIS), local instructional initiatives, etc. Practice must be reported via the CCRPI Data Collection application.
7. School or LEA-defined interventions or practices designed to facilitate a personalized climate in the school: **examples include but are not limited to** Teachers as Advisors program; mentoring program; Positive Behavioral Interventions & Supports (PBIS); service-learning program; peer mediation; conflict mediation. (operational in 2013-2014)

To be included after statewide implementation:

School's average score on the Georgia Teacher Effectiveness Measurement

School's average score on the Georgia Leader Effectiveness Measurement



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1. Percent of students earning a passing score in three middle school courses in the fine arts, or career exploratory, or world languages by the end of grade 8 (courses must be in the same area of concentration)
2. Percent of students earning at least one high school credit by the end of grade 8 (ELA, mathematics, science, social studies, world languages, fine arts, CTAE) and scoring at Meets or Exceeds on all CRCT and required EOCT





2013 College and Career Ready Performance Index, Elementary School, Grades K - 5

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CONTENT MASTERY

1. Percent of students scoring at Meets or Exceeds in ELA (required participation rate \geq 95%)
2. Percent of students scoring at Meets or Exceeds in reading (required participation rate \geq 95%)
3. Percent of students scoring at Meets or Exceeds in mathematics (required participation rate \geq 95%)
4. Percent of students scoring at Meets or Exceeds in science (required participation rate \geq 95%)
5. Percent of students scoring at Meets or Exceeds in social studies (required participation rate \geq 95%)

POST ELEMENTARY SCHOOL READINESS

6. Percent of English Learners with positive movement from one Performance Band to a higher Performance Band as measured by the ACCESS for ELLs
7. Percent of Students With Disabilities served in general education environments greater than 80% of the school day
8. Percent of students scoring Meets or Exceeds on the Grade Five Writing Assessment (required participation rate \geq 95%)
9. Percent of students in grade 3 achieving a Lexile measure equal to or greater than 650
10. Percent of students in grade 5 achieving a Lexile measure equal to or greater than 850
11. Percent of students in grades 1-5 completing the identified number of grade specific career awareness lessons aligned to Georgia's 17 Career Clusters

PREDICTOR FOR HIGH SCHOOL GRADUATION

13. Percent of students in Grade 5 passing at least 5 courses in core content areas (ELA, reading, mathematics, science, social studies) and scoring at Meets or Exceeds on all CRCT
14. Percent of CRCT assessments scoring at the Exceeds level (ELA, reading, mathematics, science, social studies)

11. Percent of students in grades 1-5 completing the identified number of grade specific career awareness lessons aligned to Georgia's 17 Career Clusters



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Exceeding the Bar Indicators

In addition to the fourteen (14) items within the College and Career Ready Performance Index, elementary schools may earn additional points for these supplemental indicators.

1. Percent of students in grades 3 – 5 earning a passing score in above grade level core courses (ELA, reading, mathematics, science, social studies) and scoring at Meets or Exceeds on all CRCT
2. Percent of students earning a passing score in world language courses or earning a passing score in fine arts courses
3. Percent of students earning a passing score in music courses
4. Percent of fifth grade students with a complete career portfolio by end of grade 5 (moves to face of CCRPI in 2016-2017)
5. Percent of schools utilizing the Statewide Longitudinal Data System (SLDS) (operational in 2013-2014)
6. School or LEA-defined innovative practice accompanied by data supporting improved student achievement: **examples include but are not limited to** Charter System, Race to the TOP, Striving Reader initiative, Early Literacy initiative, dual language immersion program, Response to Intervention (RTI), Positive Behavioral Interventions & Supports (PBIS), local instructional initiatives, etc. Practice must be reported via the CCRPI Data Collection application.
7. School or LEA-defined interventions or practices designed to facilitate a personalized climate in the school: **examples include but are not limited to** Teachers as Advisors program; mentoring program; Positive Behavioral Interventions & Supports (PBIS); service-learning program; peer mediation; conflict mediation. (operational in 2013-2014)

To be included after statewide implementation:

School's average score on the Georgia Teacher Effectiveness Measurement

School's average score on the Georgia Leader Effectiveness Measurement



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4. Percent of fifth grade students with a complete career portfolio by end of grade 5 (moves to face of CCRPI in 2016-2017)



Georgia General Assembly Laws: House Bill 400 (May, 2010); House Bill 186; House Bill 713 mandates academic and career advisement, alignment with national career clusters and the development of a comprehensive K-12 career program of study



Career Awareness in Elementary Schools – Who Am I?

- Career-related Cluster Awareness activities in Grades 1-5
- Career Portfolio in Grade 5



Career Exploration in Middle Schools – Where Am I Going?

- Student accounts on websites such as GAcollge411.org
- Career Inventories taken in Grades 6 & 7
- Individual Graduation Plan (IGP) by the end of the 8th grade with student and parent consultation.



Career Management in High Schools – How Will I Get There?

- On-going advisement with student and parents to ensure graduation and next steps; annual review of the IGP

Questions/Comments

David Turner

Director, Career Technical and
Agricultural Education
Division

404-657-8304

dturner@doe.k12.ga.us



Dwayne Hobbs

Program Manager

WBL/YAP Program Specialist

404-657-8334

dhobbs@doe.k12.ga.us

Myrel Seigler

Program Manager

School Counseling

404-657-8324

mseigler@doe.k12.ga.us



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