
Education with a Purpose Career Pathways in Georgia

**Georgia Department of Education
Divisions for Special Education Services and Supports
Division for Career Technical and Agricultural Education
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Goal/Objectives

Participants will utilize the Peach State Pathway concept to assist ALL students, including special needs students, in the career planning process leading up to student transition:

- **To understand the critical need for career planning for ALL students as expressed in the new graduation requirements guidance document, Perkins legislation, and the global economy (RATIONALE)**
- **To become familiar with the Peach State Pathways: Program of Study and companion materials (RESOURCES)**

State Rule

- **Transition Service Plan will be completed beginning not later than the first IEP to be in effect when the student enters the ninth grade or sixteen years old or younger if appropriate by IEP Team and updated annually.**

Transition Service Plan

| | | |
|-------|-------------------------------|---|
| Name: | Projected date of Graduation: | Date of Initial Transition Program Development: _____ Update: _____ |
|-------|-------------------------------|---|

Preferences, Strengths, Interests and Course of Study based on Present Levels of Performance and Age Appropriate Transition

Assessments (Areas for consideration include course of study, post-secondary education, vocational training, employment, continuing education, adult services and community participation)

Desired Measurable Post Secondary/Outcome Completion Goals (These goals are to be achieved *after* graduation and there must be a completion goal for Education/Training and Employment)

Education/Training-

Employment -

Independent Living (as appropriate)-

Based on age appropriate transition assessments, in the spaces below, include measurable Transition IEP Goals and Transition Activities/Services appropriate for the child's post-secondary preferences, strengths and needs. Note: There must be at least a measurable Transition IEP Goal to help the child reach each of the desired Measurable Post Secondary/Outcome Completion Goals.

Education/Training (Goals based on academics, functional academics, life centered competencies or career/technical or agricultural training needs and job training.)

| Transition IEP Goal(s) | Transition Activities/Services | Person/Agency Involved | Date of Completion/ Achieved Outcome |
|------------------------|--------------------------------|------------------------|---|
| | | | |

Development of Employment (Goals based on occupational awareness, employment related knowledge and skills and specific career pathway knowledge and skills.)

| Transition IEP Goal(s) | Transition Activities/Services | Person/Agency Involved | Date of Completion/ Achieved Outcome |
|------------------------|--------------------------------|------------------------|---|
| | | | |

Preferences, Strengths, Interests and Course of Study based on Present Levels of Performance and Age Appropriate Transition

Assessments (Areas for consideration include course of study, post-secondary education, vocational training, employment, continuing education, adult services and community participation)

- **In this section, include information from:**
 - age-appropriate transition assessments
 - student and family input
 - preferences, strengths and limitations as they relate to future planning
 - Course of Study (Program of Study)

The Perfect STORM...



**Perkins IV Legislation
New Graduation Rule**

National Legislation/Perkins

IV/National Trend

Program of Study

- **Incorporate and align secondary and postsecondary education**
- **Include academic & CTE content in a coordinated, non-duplicative progression of courses**
- **Lead to an industry-recognized credential or diploma at the postsecondary level, or an associate or baccalaureate degree**
- **MAY include the opportunity for secondary students to acquire postsecondary credits**

Perkins Programs of
Study =
Peach State
Pathways/Curriculum

Resources, materials, and tools:

- New Graduation Rule at http://www.gadoe.org/ci_services.aspx

New Graduation Rule

- [Adopted Rule](#)
- [Side-by-Side Comparison](#)
- [Graduation Rule Guidance](#)
- [Directions for Accessing Recordings of SIA Graduation Rule Illuminate Conferences](#)
- [Recordings of the November 26 and 27, 2007 School Improvement Region Graduation Rule Q and A](#)
- [Illuminate Pre-Configuration Instructions](#)
- [Illuminate Administrator Sessions Winter/Spring 2007-2008](#)
- [Recordings of Counselor Support Sessions \(Illuminate sessions\)](#)
- [Graduation Rule Powerpoint](#)
- [Graduation Rule Brochure](#)

Graduation Rule Toolkit

- [Introduction Video by State Superintendent of Schools Kathy Cox](#)
- Graduation Rule Information
 - [The Need for Change](#)
 - [Frequently Asked Questions](#)
 - [Comparison \(Old vs. New\)](#)
 - [Overview PowerPoint](#)
 - [Guidance Document](#)
- Graduation Rule Resources
 - [Information Card \(English\)](#)
 - [Information Card \(Spanish\)](#)

RELATED INFORMATION

- ◆ [Georgia Performance Standards](#)
- ◆ [RESAs](#)
- ◆ [Mathematics Framework](#)
- ◆ [GA Read More](#)
- ◆ [GeorgiaMath.org](#)

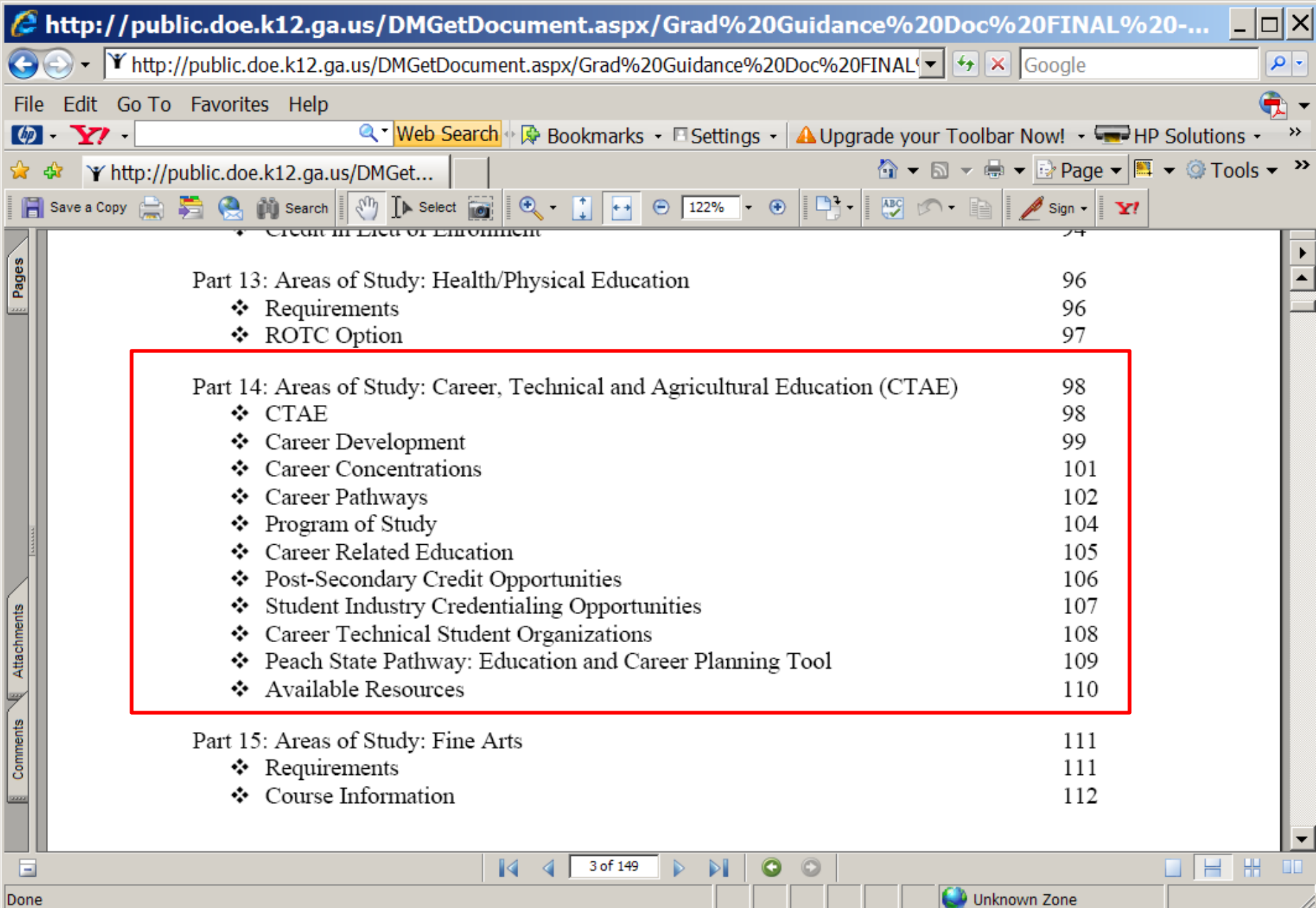
RELATED MEDIA

USEFUL LINKS

- [NAACIS - Georgia Association of Curriculum and Instructional Supervisors](#)
- [SACD - Association for Supervision and Curriculum Development](#)

Additional Resources:

- [School Graduation Requirements for Students Enrolling in the Ninth Grade for the First Time in the 2007-08 School Year and Subsequent Years](#)
- [K-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](#)
- [Statewide K-8 Reading and Math Program](#)
- [Young Georgia Authors' Writing Competition](#)
- [Early Intervention Program](#)
- [Health and Physical Education](#)



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Resources, materials, and tools:

Parent Resources/GCIS at www.gcic.peachnet.edu

Information Parents Can Use (IPCU)

- *New Grad Rule brochure*
- *Old Grad Rule brochure*
- *Alignment of Federal 16 Career Cluster to Georgia's Program Concentrations*

Home
About GCIC
About GCIS
Training
Newsletter
Contact Us
Technical Support
Links

The Georgia Career Information Center, through its Georgia Career Information System (GCIS), provides current and accurate occupational and educational information to schools and agencies throughout Georgia in order to help young people and adults make informed career choices.

CLICK HERE TO ENTER

Georgia Career Information System

CAREER PROFILES

- [Animal Trainer](#)
- [Pastry Chef](#)
- [Piano Tuner](#)

PROGRAM PROFILES

- [Advertising](#)
- [Court Reporting](#)
- [Interior Design](#)

Activity
[Spanish Version Available](#)

Introducing GCIS Junior

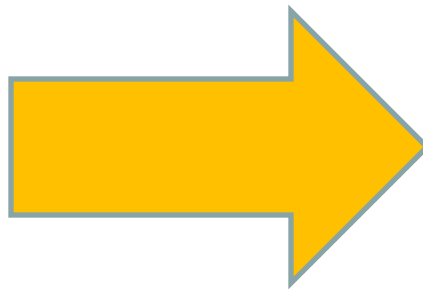
Information Parents Can Use

11 Georgia Peach State Pathways to the 16 Federal Career Clusters



The old question is...

**WHAT
COLLEGE
WILL YOU
ATTEND?**

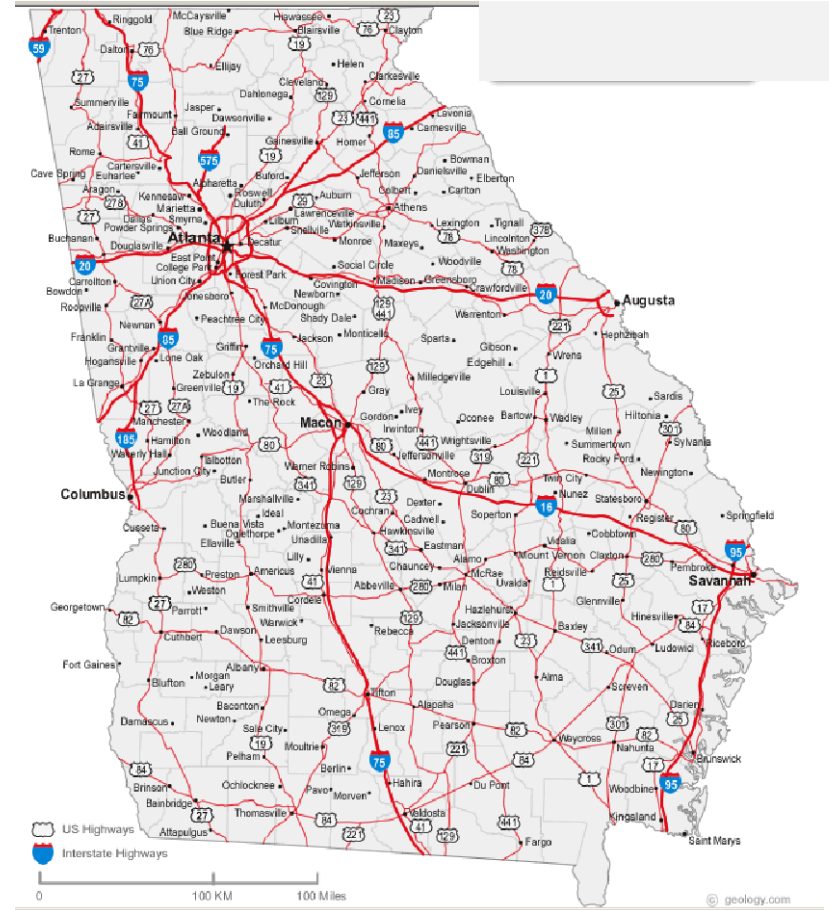


The new question is...

**WHAT DO
YOU WANT
TO BE WHEN
YOU GROW
UP?**

Why is education and career planning important? Did you know...

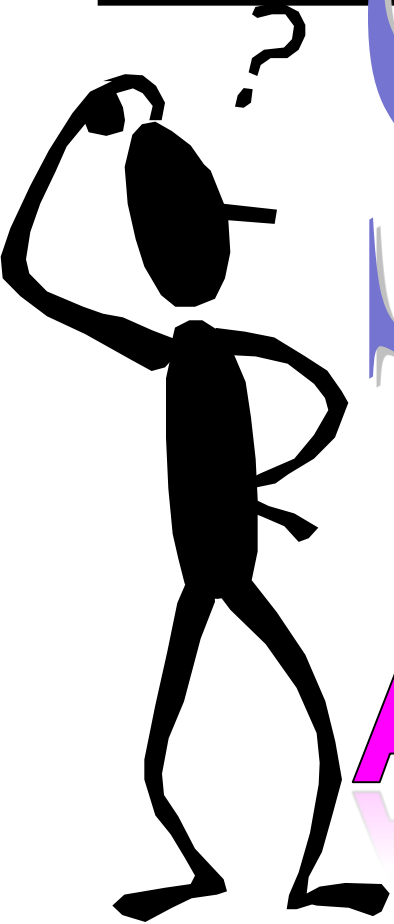
- Workers in occupations requiring a bachelor's or higher degree will hold 21.4 percent of all jobs for a total of almost 1.1 million jobs. (Georgia Workforce, 2014)



Career Development is...

A lifelong process by which individuals define and redefine career-related choices and outcomes. (NOICC, March 1994)

Who Am I?



Self-Awareness

CAN BE

- Occupation Sort (GCIS)

- PTEAC (Additional GCIS Test)

- Armed Services Vocational Aptitude Battery (ASVAB) (10th and above), RLE

- O* Net Interest Profiler (GCIS/FREE)

- O* Net Work Importance Tool (GCIS)

- SKILLS (GCIS)

- PSAT (9th, 10th, 11th)

- PLAN (10th)

- GACollege411 (Career Keys) FREE

TRANSITION
ASSESSMENTS

Resources, materials, and tools:

- Career Keys assessment at www.GACollege411.org

The screenshot displays the GACollege411 website interface. At the top left is the logo "GACollege411" with the tagline "Helping Students Plan, Apply, and Pay for College". A search bar and a "Tell a Friend" link are on the top right. A navigation menu includes links for "Career Info", "Student Planner", "GA Colleges", "Applications & Transcripts", "Paying for College", "Path2College Savings Plan", and "Adult Learner". Below this is a sidebar with "Create an Account", "Log On", and "My 411". The main content area is titled "Career Information" and contains a list of resources:

- [Introduction to Career Info](#) — Learn how the GACollege411 Career Info module can help you find your dream job.
- [Career Key](#) — Find a career that matches your abilities and personality.
- [Student-Career Matching Assistant](#) — Take an interactive test to discover which careers match your goals.
- [Career Change](#) — Comprehensive information on making a "mid-career" change.
- [List of Careers](#) — Find detailed information on specific careers and where to get the necessary education.
- [Fastest Growing Careers](#) — Discover Georgia's fastest growing careers.
- [Career Highlight Archive](#) — Ever thought about becoming a teacher, police officer, or a dental assistant? In our career highlight section you will find information about these and many other exciting careers.
- [Career Portfolio](#) — Create your own individual career portfolio.
- [Résumé Builder](#) — Create and print your own résumé.

Two red arrows point from the "Career Key" and "Student-Career Matching Assistant" links in the list to the yellow callout box on the right.

- XAP, Inc.
- has purchased Bridges.com as the career planning component
- Career Keys results in Holland Codes

Georgia Pathways Aligned with Holland Codes: Students should take the Career Keys Assessment located on GACollege411 (www.GACollege411.org) under the “Career Info” tab on the homepage. Holland Codes are personality types created by psychologist John L. Holland as part of his theory of career choice. After taking the assessment match your Holland Codes with those pathways that might “fit” you as an individual. “Do what you love!”

| | |
|---|--|
| Realistic people are “Doers” (R) | Social people are “Helpers” (S) |
| Investigative people are “Thinkers” (I) | Enterprising people are “Persuaders” (P) |
| Artistic people are “Creators” (A) | Conventional people are “Organizers” (C) |

| CONCENTRATION | PATHWAY | PRIMARY/SECONDARY HOLLAND CODE |
|-----------------|-------------------------|-----------------------------------|
| Agriculture (R) | Agribusiness Management | (C) Conventional (E) Enterprising |
| | Agricultural Mechanics | (R) Realistic (I) Investigation |

Where Am I Going?



Exploration

- Materials, knowledge, tools and resources (CAREER CENTERS)
 - Georgia Career Resource Network www.GeorgiaCRN.org
- Labor Market Information (LMI)
 - Georgia Department of Labor <http://www.dol.state.ga.us/>
 - Career Voyages <http://www.careervoyages.gov/>
 - Occupation Supply Demand www.occsupplydemand.org
- Work-Based Learning (Career-Related Education-CRE)
- Classroom/TAA activities

How Am I Going To Get There?



Planning

Peach State Pathway: Program of Study

http://www.gadoe.org/ci_cta.aspx?PageReq=CICTAPlanningNew

Portfolios/Student Planner (GCIS/GACollege411)

Georgia's 11 Program Concentrations

- **Represent a grouping of occupations according to common knowledge and skills for the purpose of organizing educational programs and curricula**

<http://www.gadoe.org/>

Agriculture

Architecture, Construction, Communications & Transportation

Arts & Humanities

Business & Computer Science

Culinary Arts

Education

Engineering & Technology

Family & Consumer Sciences

Healthcare Science

Government & Public Safety

Marketing, Sales & Services

Agriculture



The AGRICULTURE CONCENTRATION prepares students for occupations in farm and farm-related fields such as agriscience, biotechnology, turf management, landscaping, food science, forestry, environmental science, agricultural engineering, and agribusiness management. This educational program combines agricultural technical skills with rigorous coursework, leadership training, and an exploration of

the ethical and philosophical issues related to genetic engineering and other current agricultural topics. The Agriculture concentration is further divided into PATHWAYS that are more specialized areas of study with an identified coherent sequence of courses. Educational levels, salaries, and demand vary within the concentration. [Click here](#) to see sample Peach State Pathways: Education and Career Planning Tools in Agriculture pathways.



Would I enjoy occupations in the Agriculture concentration?



Check your career assessments for any match to occupations in the Agriculture field. The primary Holland Code for these type occupations is (R) Realistic. Go to [GACollege411](#), Career Keys to discover your Holland Codes. The secondary codes vary with the occupation. Or answer these questions. Are you a nature lover? Are you practical, curious about the physical world, and interested in plants and animals? Do you like to be physically active? Do you think it's important to provide the best quality food at the cheapest cost for the state, the nation and the world? Do you value the beauty of our natural world? Do you enjoy seeing something you have created?

If so, there may be a pathway in this concentration for you.

What is Agriculture education in Georgia?

This program allows students the opportunities to experience:

- Classroom and laboratory work that covers a variety of skills, knowledge and attitudes needed to be successful in the agriculture world of work;
- Work-related experiences through the Supervised Agricultural Experience Program (SAE)
- Membership in the Georgia FFA Association where students develop their potential for premier leadership, personal growth, and career success through agricultural education (www.aqed.ces.uga.edu/georgiaffa).

PATHWAYS

Agriculture Mechanics
Agribusiness
Management
Agriscience
Animal Science
Forestry/Natural
Resources
Plant
Science/Horticulture
Veterinary Science

Arts & Humanities



The ARTS & HUMANITIES CONCENTRATION prepares students who wish to promote and preserve the arts and social values. Jobs center on areas like the performing arts, visual arts, writing, religion, history, and museum work. The Arts & Humanities concentration is further divided into PATHWAYS that are more specialized areas of study with an identified sequence of courses in that area. Educational levels, salaries, and demand vary within the concentration. A sample pathway educational and career plan is not available at this time.

Would I enjoy occupations in the Arts & Humanities concentration?



Check your career assessments for any match to occupations in the Arts & Humanities field. The primary Holland Code for most of these occupations is (A) Artistic. Secondary codes vary according to the occupation. Go to [GACollege411](#), Career Keys to discover your Holland Codes. Or answer these questions. Are you a creative thinker? Are you imaginative, innovative and like original ideas? Do you have special talent like singing or dancing? Do you value fine art and how it represents humankind? Are you interested in history and man's reaction to history? Do you like to read? If so, this may be the concentration for you.

What is Arts & Humanities education in Georgia?

This program allows students the opportunities to experience:

- Classroom and laboratory components that assist students in learning the skills, knowledge and attitudes to be successful in the world of work,
- Work-based learning through possible internships, school-sponsored projects/competitions,
- And membership in a wide range of extra-curricular activities that reflect interest and abilities such as the marching band, orchestra, annual and school newspaper staff, and drama .

PATHWAYS

Visual Arts
Performing Arts
Foreign Language
Broadcasting/Journalism

Career Pathway

- **Is a coherent, articulated sequence of rigorous academic and career/technical courses, usually beginning in the 9th grade and leading to a diploma, associate degree, baccalaureate degree and beyond.**

AGRICULTURE PROGRAM CONCENTRATION - *The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.*

<http://www.careenvoyages.gov>

| Pathways | <u>Agriscience</u> | Forestry/Natural Resources | Plant Science/Horticultural | Animal Science | Agricultural Mechanics | Agribusiness Management | Veterinary Science |
|-----------------------------------|---|--|---|--|---|--|--|
| *SAMPLE Career Occupations | <ul style="list-style-type: none"> Ecologists Park Mangers • Environmental Interpreters • Fisheries Technicians • Water Monitoring Technician • Hydrologists • Biotechnology Lab Technician • Soil & Water Specialists • Botanists • Education & Extension Specialists • Forest Geneticists • Aquaculturalists • Animal Scientists • Embryo Technologists • Vivarian Technicians • Wildlife Biologists • Livestock Geneticists • Animal Nutritionists • Meat Science Researcher • Reproductive Physiologists • Embryo Transfer Technicians | <ul style="list-style-type: none"> Cartographers • Wildlife Managers • Range Technicians • Ecologists Park Mangers • Environmental Interpreters • Fish and Game Officers • Loggers • Forest Technicians • Log Graders • Pulp and Paper Manager • Soil Geology Technician • Geologists • Mining Engineers • Fisheries Technicians • Water Monitoring Technician • Hydrologists • Fish Hatchery Manager • Commercial Fishermen • Fishing Vessel Operators • Vessel Crew | <ul style="list-style-type: none"> Bioinformatics Specialist Plant Breeders and Gen • Biotechnology Lab Tec • Soil & Water Specialist Crop Farm Managers • Agricultural Educators • Pathologists • Aquaculture • Sales Representatives Botanists • Tree Surgeon Education & Extension Specialists • Agricultural Journalists • Commodity Marketing Specialists • Operations Superintendents • Custom Hay/Silage Op • Forest Geneticists • Game Course Superintendents Greenhouse Managers • Growers • Farmers • Ranchers | <ul style="list-style-type: none"> Agricultural Educators • Livestock Producers • Aquaculturalists • Animal Caretakers-Poultry Managers • Equine Managers • Veterinarians • Veterinary Assistants • Feedlot Specialists • Animal Scientists • Embryo Technologists • Livestock Buyers • Feed Sales Representatives • Vivarian Technicians • Wildlife Biologists • Livestock Geneticists • Animal Nutritionists • Dairy Producers • Livestock Inspectors • Feed Sales Specialists • Animal Health Salespersons • Meat Science Researcher • Reproductive Physiologists • Embryo Transfer Technicians • Pet Shop Operators • USDA Inspectors | <ul style="list-style-type: none"> Operators • Mechanics • Technicians • Electrical Engineers • Agricultural Extension Specialists • Equipment Maintenance Technicians • Welding Technicians • Material Treatment Technicians • Welding Technicians • Machinists • Agricultural Software Engineers/Programmers • Administrators • Service Technical Technicians • Specialists • GPS Technicians • Remote Specialists | <ul style="list-style-type: none"> Salesperson • Sales Manager • Banker/Loan Officer • Field Reps for Bank, Insurance Company or Government Program • Farm Investment Manager • Agricultural Commodity Broker • Agricultural Economist • Farmer • Rancher/Feedlot Operator • Farm Manager • Livestock Rancher / Breeder • Dairy Herd Supervisor (DHIA) • Agricultural Products Buyer • Animal Health Products Distributor • Livestock Seller • Feed and Supply Store Manager • Produce Commission Agent • Ag Lenders • Agricultural Chemical Dealer • Field Service Representative • Chemical Sales Representative • Pulp and Paper Manager • Soil Geology Technician | <ul style="list-style-type: none"> Equine Managers • Veterinarians • Veterinary Assistants • Animal Scientists • Wildlife Biologists • Livestock Geneticists • Animal Nutritionists |
| | <p><i>Technical Skills • Academic Foundations • Communications • Problem Solving • Environment • Leadership and Teamwork • Ethics</i></p> | | | | <p><i>Technology Applications • Systems • Safety, Health and Development • Entrepreneurship</i></p> | | |

Healthcare Science
Concentration

Nursing Pathway

Medical Services
Pathway

Informatics
Pathway

Emergency Services
Pathway

Biotechnology Research &
Development Pathway

Diagnostic Services
Pathway

Nursing Pathway

**25.52100
Introduction to
Health Science**

**25.52200 Application
to Therapeutic
Services**

**25.56100 Nursing
Essentials**

Peach State Pathways: Program of Study



Healthcare Science

Learner Name _____

Learner Signature _____

Parent/Guardian Signature _____

This plan of study should serve as a guide, along with other career listed within this plan are only recommended coursework and should be

All plans will meet minimum high school graduation requirements and

Applicants to Board of Regents institutions should be advised that meeting minimum requirements will not guarantee

| | I. English Language Arts (4 units) | II. Mathematics (4 units) | III. Science (4 units) | IV. Social Studies (3 units) |
|--|---|--|---|---|
| High School Education and Career Plan Graduation Rules for 9 th grade enrolling 2008-2009 | 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 AP Statistics Calculus AP Calculus AB AP Calculus BC IB Math Methods IB Math Studies SL IB Math SL IB Math HL | Biology Physical Science OR Physics Chemistry OR Environmental Science OR Earth Systems OR an AP/IB course AP/IB course AP Biology AP Physics AP Chemistry IB Biology SL IB Biology HL IB Biochemistry IB Chemistry SL/HL | Am Gov/Civics (1 unit) World History US History Economics (1/2) AP World History AP US History AP Government AP Microeconomics AP Macroeconomics IB Economics B IB History of the Americas (SL) |
| | Sample Additional English Courses: Literary Types/Composition Oral/Written Communication | Sample Additional Math Courses: TBA | Sample Additional Science Courses: Microbiology Human Anatomy & Physiology Environmental Science AP Environmental Sci Aviation Meteorology Astrophysics | Sample Additional Social Studies Courses: Current Issues The Humanities Technology and Society Psychology Sociology AP Macroeconomics AP Microeconomics |
| Career Enhancement Opportunities | Career-Related Education Activities | | Postsecondary Options: | |
| | <ul style="list-style-type: none"> <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 <ul style="list-style-type: none"> • Employability Skill Dev. • Cooperative Education • Internship • Youth Apprenticeship • Civics | | <ul style="list-style-type: none"> • 4-Year Universities/Colleges • 2-Year Colleges • Technical Colleges • State Registered Apprenticeships • Special Purpose Schools • On-the-Job Training • Military | |

This document represents an individual education and career planning tool including both secondary and postsecondary elements for students and their parents. For more information go

to

http://www.gadoe.org/ci_cta.aspx?PageReq=CICTACareer

ASCA Standards & Competencies: Career Domain

- A:1—Develop Career Awareness
- A:2—Develop Employment Readiness
- B:1—Acquire Career Information
- B:2—Identify Career Goals
- C:1—Acquire Knowledge to Achieve Career Goals
- C:2—Apply Skills to Achieve Career Goals

Therapeutic Services-Nursing

Peach State Pathways: Program of Study

Healthcare Science



Learner Name _____
 Learner Signature _____
 Parent/Guardian Signature _____

Date _____
 Advisor/Counselor Signature _____

This plan of study should serve as a guide, along with other courses listed within this plan are only recommended coursework and should not be required. All plans will meet minimum high school graduation requirements. Applicants to Board of Regents institutions should be advised that meeting minimum requirements will not guarantee admission.

| | I. English Language Arts (4 units) | II. Mathematics (4 units) | III. Science (4 units) | IV. Social Studies (4 units) |
|--|---|--|---|---|
| High School Education and Career Plan Graduation Rules for 9 th grade enrolling 2008-2009 | 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 AP Statistics Calculus AP Calculus AB AP Calculus BC IB Math Methods IB Math Studies SL IB Math SL IB Math HL | Biology Physical Science OR Physics Chemistry OR Environmental Science OR Earth Systems OR an AP/IB course AP/IB course AP Biology AP Physics AP Chemistry IB Biology SL IB Biology HL IB Biochemistry IB Chemistry SL/HL | Am Gov. unit World History US History Economics AP World History AP US History AP Government AP Microeconomics AP Macroeconomics IB Economics IB History American Government |
| | Sample Additional English Courses: Literary Types/Composition Oral/Written Communication | Sample Additional Math Courses: TEA | Sample Additional Science Courses: Microbiology Human Anatomy & Physiology Environmental Science AP Environmental Sci. Aviation Meteorology Astrophysics | Sample Additional Social Studies Courses: Current Events The Humanities Technology Society Psychology Sociology AP Macroeconomics AP Microeconomics |
| Career Enhancement Opportunities | Career-Related Education Activities | | Postsecondary Options | |
| | <ul style="list-style-type: none"> <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 <ul style="list-style-type: none"> • Employability Skill Dev. • Cooperative Education • Internship • Youth Apprenticeship • Civics | | <ul style="list-style-type: none"> • 4-Year Universities/Colleges • 2-Year Colleges • Technical Colleges • State Registered Apprentices • Special Purpose Schools • On-the-Job Training • Military | |

Healthcare Science is the Program Concentration that represents a grouping of occupations according to common knowledge and skills for the purpose of organizing educational programs and curricula. Georgia's eleven concentrations can be aligned with the State's 16 Career Cluster Initiative (www.careercluster.org)

(C:B1.4 Know the various ways in which occupations can be classified)

Therapeutic Services-Nursing

Peach State Pathways: Program of Study

Healthcare Science



Learner Name _____
 Learner Signature _____
 Parent/Guardian Signature _____

Date _____
 Advisor/Counselor 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.

Applicants to Board of Regents Institutions should be advised that meeting minimum requirements will not guarantee admission at any institution. Institutions may set additional and/or higher requirements.

| High School Education and Career Plan 009 | | 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) |
|---|-------------------------------------|---|---------------------------|--|------------------------------|---|--|
| | | English 9 English 10 | Meth 1 Meth 2 | Biology Physical Science OR | Am Gov/Civics (1/2 unit) | <p>Career Pathway Sequence of Courses:</p> <p>3.52100 Introduction to Health Science 3.52200 Application to Therapeutic Services 3.56100 Nursing Essentials</p> <p>CAREER PATHWAY RELATED COURSES:</p> <p>3.59100 Application of Medical Terminology In Healthcare Science 3.41610 Nutrition and Wellness</p> <p>Modern Language/Latin</p> <p>2 units required for admission to Georgia University System Colleges/Universities a listing of Modern Language/Latin courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.</p> <p>Fine Arts</p> <p>Visual Arts Performing Arts Dramatic Arts</p> <p>a listing of Fine Arts courses offered at your high school, please check with your advisor, counselor or curriculum handbook.</p> <p>VII. Other Electives</p> <p>a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.</p> | Health Physical Edu. |
| Career Enhancement Opportunities | Career-Related Education Activities | <ul style="list-style-type: none"> <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 <ul style="list-style-type: none"> • Employability Skill Dev. • Cooperative Education • Internship • Youth Apprenticeship • Civics | | Postsecondary Options: <ul style="list-style-type: none"> • 4-Year Universities/Colleges • 2-Year Colleges • Technical Colleges • State Registered Apprenticeships • Special Purpose Schools • On-the-Job Training • Military | | Possible postsecondary credit opportunities may include: <ul style="list-style-type: none"> • *Advanced Placement • *Articulated Credit (Technical Colleges) • *Dual Enrollment/ACCEL (Degree Programs) • *Dual Enrollment/HOPE (Certificate and Diplomas) • Joint Enrollment (postsecondary credit only) <p><small>*Postsecondary credit opportunities allow high school students to earn both college and high school credit simultaneously while in high school. Check with your counselor/advisor and Education and Career Partnership program manager for more information regarding these opportunities and others, such as Early College which serves both middle and high school students.</small></p> | |
| | | | | | | | <p>Sample Additional Health & PE courses:</p> <ul style="list-style-type: none"> • Team Sports • Rec. Games • Aerobics |

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.

Therapeutic Services-Nursing

Peach State Pathways: Program of Study

Healthcare Science



Learner Name _____
 Learner Signature _____
 Parent/Guardian Signature _____

This plan of study should serve as a guide, along with other career plans listed within this plan are only recommended coursework and should be included.

All plans will meet minimum high school graduation requirements as approved by Board of Regents. Institutions should be advised that meeting minimum requirements will not guarantee admission.

This icon represents the Career, Technical and Agricultural Student Organizations logo aligned with the pathway.

courses
for goals.

Therapeutic Services-Nursing

| High School Education and Career Plan Graduation Rules for 9 th grade enrolling 2008-2009 | | I. English Language Arts (4 units) | II. Mathematics (4 units) | III. Science (4 units) | IV. Social Studies (3 units) | 25.52100 Introduction to Health Science 25.52200 Application to Therapeutic Services 25.56100 Nursing Essentials | VI. Health & Physical Edu. (1 unit) | |
|---|-------------------------------------|---|--|---|---|--|---|---|
| Career Enhancement Opportunities | Career-Related Education Activities | English 9 English 10 English 11 English 12 | 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) | <p>CAREER PATHWAY RELATED COURSES:</p> <p>25.59100 Application of Medical Terminology In Healthcare Science 20.41610 Nutrition and Wellness</p> <p>Modern Language/Latin</p> <p>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.</p> <p>Fine Arts</p> <p>Visual Arts Performing Arts Dramatic Arts</p> <p>For a listing of Fine Arts courses offered at your high school, please check with your advisor, counselor or curriculum handbook.</p> <p>VII. Other Electives</p> <p>For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.</p> | Health Physical Edu. | |
| | | AP Lit and Comp AP Lang and Comp IB English SL (Am Lit) IB English HL (World Lit) | 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) | | <p>Sample Additional English Courses: Literary Types/Composition Oral/Written Communication</p> <p>Sample Additional Math Courses: TBA</p> <p>Sample Additional Science Courses: Microbiology Human Anatomy & Physiology Environmental Science AP Environmental Sci. Aviation Meteorology Astrophysics</p> <p>Sample Additional Social Studies Courses: Current Issues The Humanities Technology and Society Psychology Sociology AP Macroeconomics AP Microeconomics</p> | <p>Sample Additional Health & PE courses: Team Sports Sp. Games Aerobics</p> |
| | | Sample Additional English Courses: Literary Types/Composition Oral/Written Communication | Sample Additional Math Courses: TBA | Sample Additional Science Courses: Microbiology Human Anatomy & Physiology Environmental Science AP Environmental Sci. Aviation Meteorology Astrophysics | Sample Additional Social Studies Courses: Current Issues The Humanities Technology and Society Psychology Sociology AP Macroeconomics AP Microeconomics | | | |
| | | Career-Related Education Activities | | Postsecondary Options: | | | | |
| <ul style="list-style-type: none"> <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 <ul style="list-style-type: none"> • Employability Skill Dev. • Cooperative Education • Internship • Youth Apprenticeship • CJ/CJCS. | | <ul style="list-style-type: none"> • 4-Year Universities/Colleges • 2-Year Colleges • Technical Colleges • State Registered Apprenticeships • Special Purpose Schools • On-the-Job Training • Military | | <ul style="list-style-type: none"> • *Advanced Placement • *Articulated Credit (Technical Colleges) • *Dual Enrollment/ACCEL (Degree Programs) • *Dual Enrollment/HOPE (Certificate and Diplomas) • Joint Enrollment (postsecondary credit only) | | | | |
| <p>*Postsecondary credit opportunities allow high school students to earn both college and high school credit simultaneously while in high school. Check with your counselor/advisor and Education and Career Partnership program manager for more information regarding these opportunities and others, such as Early College which serves both middle and high school students.</p> | | | | | | | | |

This part of the document represents a visual interpretation of the new graduation rule for students enrolling 2008-2009; high school suggested coursework highlights core academics and career-related electives that are recommended for continued education and/or the workforce.

(C:B1.1 Apply decision-making skills to career planning, course selection, and career transition

C:B2.1 Demonstrate awareness of education and training needed to achieve career goals)

| | | | | | |
|---|---|--|---|---|---|
| <p>English 9 English 10 English 11 English 12</p> <p>AP Lit and Comp AP Lang and Comp IB English SL (Am Lit) IB English HL (World Lit)</p> <p><u>Sample Additional English Courses:</u> Literary Types/Composition Oral/Written Communication</p> | <p>Math 1 Math 2 Math 3 Math 4 OR Accelerated Math 1 Accelerated Math 2 Accelerated Math 3</p> <p>AP Statistics Calculus AP Calculus AB AP Calculus BC IB Math Methods IB Math Studies SL IB Math SL IB Math HL</p> <p><u>Sample Additional Math Courses:</u> TBA</p> | <p>Biology Physical Science OR Physics Chemistry OR Environmental Science OR Earth Systems OR an AP/IB course</p> <p>AP/IB course AP Biology AP Physics AP Chemistry IB Biology SL IB Biology HL IB Biochemistry IB Chemistry SL/HL</p> <p><u>Sample Additional Science Courses:</u> Microbiology Human Anatomy & Physiology Environmental Science AP Environmental Sci. Aviation Meteorology Astrophysics</p> | <p>AP World History AP US History AP Government AP Microeconomics AP Macroeconomics IB Economics SL IB History of the Americas (SL)</p> <p><u>Sample Additional Social Studies Courses:</u> Current Issues The Humanities Technology and Society Psychology Sociology AP Macroeconomics AP Microeconomics</p> | <p>Career Pathway Sequence of Courses:</p> <p>25.52100 Introduction to Health Science 25.52200 Application to Therapeutic Services 25.56100 Nursing Essentials</p> <p><u>CAREER PATHWAY RELATED COURSES:</u> 25.59100 Application of Medical Terminology in Healthcare Science 20.41610 Nutrition and Wellness</p> <p>Modern Language/Latin 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.</p> <p>Fine Arts Visual Arts Performing Arts Dramatic Arts</p> <p>For a listing of Fine Arts courses offered at your high school, please check with your advisor, counselor or curriculum handbook.</p> <p>VII. Other Electives</p> <p>For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.</p> | <p>Physical Edu.</p> <p><u>Sample Additional Health & PE Courses:</u> Team Sports Rec. Games Aerobics</p> |
| <p>Career-Related Education Activities</p> <ul style="list-style-type: none"> <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 <ul style="list-style-type: none"> • Employment/Internship • Cooperative Education • Internship • Youth Apprenticeship • Clubs/CAAs | <p>Postsecondary Options:</p> <ul style="list-style-type: none"> • 4-Year Universities/Colleges • 2-Year Colleges • Technical Colleges • State Registered Apprenticeships • Special Purpose Schools • On-the-Job Training • Military | <p>Possible postsecondary credit opportunities may include:</p> <ul style="list-style-type: none"> • *Advanced Placement • *Articulated Credit (Technical Colleges) • *Dual Enrollment/ACCEL (Degree Programs) • *Dual Enrollment/HOPE (Certificate and Diplomas) • Joint Enrollment (postsecondary credit only) <p><small>*Postsecondary credit opportunities allow high school students to earn both college and high school credit simultaneously while in high school. Check with your counselor/advisor and Education and Career Partnership program manager for more information regarding these opportunities and others, such as Early College, which serves both middle and high school students.</small></p> | | | |

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.

(C:B2.4 Select course work that is related to career interests)

| | | | | | | |
|---|--|---|---|---|--|--|
| High School Education and Career P Graduation Rules for 9 th grade enrolling 2008-20 | 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 2 Math 3 Math 4 OR Accelerated Math 1 Accelerated Math 2 Accelerated Math 3 AP Statistics Calculus AP Calculus AB AP Calculus BC IB Math Methods IB Math Studies SL IB Math SL IB Math HL | Physical Science OR Physics Chemistry OR Environmental Science OR Earth Systems OR an AP/IB course AP/IB course AP Biology AP Physics AP Chemistry IB Biology SL IB Biology HL IB Biochemistry IB Chemistry SL/HL | (unit) World History US History Economics (1/2 unit) AP World History AP US History AP Government AP Microeconomics AP Macroeconomics IB Economics SL IB History of the Americas (SL) | 25.52100 Introduction to Health Science 25.52200 Application to Therapeutic Services 25.56100 Nursing Essentials CAREER PATHWAY RELATED COURSES: 25.59100 Application of Medical Terminology in Healthcare Science 20.41610 Nutrition and Wellness | Physical Equ |
| | Sample Additional English Courses: Literary Types/Composition Oral/Written Communication | Sample Additional Math Courses: TBA | Sample Additional Science Courses: Microbiology Human Anatomy & Physiology Environmental Science AP Environmental Sci Aviation Meteorology Astrophysics | Sample Additional Social Studies Courses: Current Issues The Humanities Technology and Society Psychology Sociology AP Macroeconomics AP Microeconomics | Modern Language/Latin 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. | Fine Arts 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. |
| Career Enhancement Opportunities | Career-Related Education Activities <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 <ul style="list-style-type: none"> • Employment/Work-Based Learning • Cooperative Education • Internship • Youth Apprenticeship • Clubs/Activities | Postsecondary Options: <ul style="list-style-type: none"> • 4-Year Universities/Colleges • 2-Year Colleges • Technical Colleges • State Registered Apprenticeships • Special Purpose Schools • On-the-Job Training • Military | Possible postsecondary credit opportunities may include: <ul style="list-style-type: none"> • *Advanced Placement • *Articulated Credit (Technical Colleges) • *Dual Enrollment/ACCEL (Degree Programs) • *Dual Enrollment/HOPE (Certificate and Diplomas) • Joint Enrollment (postsecondary credit only) | For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook. | VII. Other Electives | |
| *Postsecondary credit opportunities allow high school students to earn both college and high school credit simultaneously while in high school. Check with your counselor/advisor and Education and Career Partnership program manager for more information regarding these opportunities and others, such as Early College, which serves both middle and high school students. | | | | | | |



The arrows point to value added information considered to be important to the education and career planning process: work-based learning; postsecondary options and postsecondary credit opportunities.

(C:B.2.2 Assess and modify one's educational plan to support career goals)

... your education. Courses educational and career goals. requirements.

Therapeutic Services-Nursing

| | | | | | | |
|--|---|--|--|--|---|---|
| High School Education and Career Plan Graduation Rules for 9 th grade enrolling 2008-2009 | 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) <u>Sample Additional English Courses:</u> Literary Types/Composition Oral/Written Communication | Math 1 Math 2 Math 3 Math 4 OR Accelerated Math 1 Accelerated Math 2 Accelerated Math 3 AP Statistics Calculus AP Calculus AB AP Calculus BC IB Math Methods IB Math Studies SL IB Math SL IB Math HL <u>Sample Additional Math Courses:</u> TBA | Biology Physical Science OR Physics Chemistry OR Environmental Science OR Earth Systems OR an AP/IB course AP/IB course AP Biology AP Physics AP Chemistry IB Biology SL IB Biology HL IB Biochemistry IB Chemistry SL/HL <u>Sample Additional Science Courses:</u> Microbiology Human Anatomy & Physiology Environmental Science AP Environmental Science Aviation Meteorology Astrophysics | Am Gov/Civics (1/2 unit) World History US History Economics (1/2 unit) AP World History AP US History AP Government AP Microeconomics AP Macroeconomics IB Economics SL IB History of the Americas (SL) <u>Sample Additional Social Studies Courses:</u> Current Issues The Humanities Technology and Society Psychology Sociology AP Macroeconomics AP Microeconomics | Career Pathway Sequence of Courses: 25.52100 Introduction to Health Science 25.52200 Application to Therapeutic Services 25.56100 Nursing Essentials <u>CAREER PATHWAY RELATED COURSES:</u> 25.59100 Application of Medical Terminology in Healthcare Science 20.41610 Nutrition and Wellness Modern Language/Latin 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. Fine Arts 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. VII. Other Electives For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook. | VI. Health & Physical Edu. (1 unit) Health Physical Edu. <u>Sample Additional Health & PE Courses:</u> Team Sports Rec. Games Aerobics |
| | Career Enhancement Opportunities Career-Related Education Activities <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 <ul style="list-style-type: none"> • Employee Work-Based Learning • Cooperative Education • Internship • Youth Apprenticeship • Civics | Postsecondary Options: <ul style="list-style-type: none"> • 4-Year Universities/Colleges • 2-Year Colleges • Technical Colleges • State Registered Apprenticeships • Special Purpose Schools • On-the-Job Training • Military | Possible postsecondary credit opportunities may include: <ul style="list-style-type: none"> • *Advanced Placement • *Articulated Credit (Technical Colleges) • *Dual Enrollment/ACCEL (degree programs) • *Dual Enrollment/HOPE (Certificate and Diplomas) • Joint Enrollment (postsecondary credit only) <p><small>*Postsecondary credit opportunities allow high school students to earn both college and high school credit simultaneously while in high school. Check with your counselor/advisor and Education and Career Partnership program manager for more information regarding these opportunities and others, such as Early College, which serves both middle and high school students.</small></p> | | | |

Go to GACollege411 at www.GACollege411.org for more information about your education and career planning, including valuable financial information (grants and scholarships including HOPE Program, loans, AND FAFSA and CSS forms).

| Current GEORGIA Graduation Rule for student entering the 9 th grade in fall of 2008-2009 Areas of Study: | Postsecondary Programs of Study | Postsecondary Programs of Study | |
|---|-----------------------------------|---------------------------------|-------------------------|
| I. English/Language Arts | | | |
| II. Math | | | |
| III. *Science | | | |
| IV. Social Studies | | | |
| V. **Career, Technical and Agriculture Education (CTAE), and/or Modern Language/Latin, and/or Fine Arts | | | |
| VI. Health & Physical Education | | | |
| VII. Electives (4 units) | | | |
| TOTAL UNITS | | | |
| * 4* Science may be used to meet both the required elective in CTAE sequence of courses (V) and the required elective in Social Studies (IV). | | | |
| **Student <u>must</u> complete 3 units in a pathway to complete pathway and take end of pathway assessment. Student may complete 2 years of the same Modern Language/Latin for admission to Georgia Board of Regents colleges/universities. | | | |
| The sample THERAPEUTIC SERVICE is one of three of GDOE definitions for high school graduation. | | | |
| Occupation Specialties | Education | Salary | Projected Demand |
| Registered Nurse | Associate Degree | | |
| Health Educator | Master Degree | \$53,290 | 90 |
| Medical and Health Services Manager | Bachelor Degree + Work Experience | \$74,486 | 330 |
| Occupational Therapist | Master Degree | \$58,427 | 100 |

Pathway labor market information assists students and their families to learn more about the pathway including additional resources for further investigation.

**(C:A1.1 Develop skills to locate, evaluate and interpret career information)
(C:A1.2 Learn about the variety of traditional and nontraditional occupations)**

NURSING PATHWAY

an estimated 3.6 million new health care wage and salary jobs will be created by 2014, more than in any other industry. Registered nurses make up the largest health care occupation with 2.4 million jobs. Students interested in pursuing a nursing career will have excellent job opportunities; employment of RNs is projected to increase more than 27% by 2014, creating the second largest number of new jobs among all occupations.

Three out of five RN jobs are in hospitals, but 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 degree will have better job prospects than those with either an associate degree or a diploma.

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. If you take the sequenced healthcare courses recommended in this education and career plan, you can receive the American Heart Association Basic Life Support Certification, American Red Cross CPR and First Aid Certification, Georgia Medical Care Foundation Certification for Nursing Assistant, and the National Health Care Foundation Skills Standards Certification upon graduation from high school. There are many and varied areas of nursing, including Licensed Practical/Vocational Nurse (LPN/LVN) and Registered Nurse (RN). Most nursing programs require education beyond high school, including diploma programs, associate degree programs, and bachelor degree programs and beyond.

Once you complete all your education and training, you will need to be licensed as an Advanced Practice Nurse, a Registered Nurse (RN), or a Licensed Practical/Vocational Nurse (LPN/LVN). As in many other professions, nurses must be licensed in the state where they work. You must take the NCLEX-RN® or NCLEX-PN® license examination to become a licensed nurse. For more information about nurse licensure and public protection, consult the National Council of State Boards of Nursing.

For more information, visit these websites:
 American Nurses Association – www.nursingworld.org
 American Association of Colleges of Nursing
www.aacn.nacns.edu
www.GACollege411.org
www.doh.state.ga.us
www.dhscprnursing.com

Go to GACollege411 at www.GACollege411.org for more information about your education and career planning, including valuable financial information (grants and scholarships including HOPE Program, loans, AND FAFSA and CSS forms).

| Current GEORGIA Graduation Rule for student entering the 9 th grade in fall of 2008-2009 Areas of Study: | Credits | Postsecondary Programs of Study Technical College | Postsecondary Programs of Study University of Georgia System |
|---|-----------|---|---|
| I. English/Language Arts | 4 | <p>The following links will list Department of Technical and Adult Education institutions offering programs in Therapeutic Services-Nursing. Each technical college varies in the specific degrees (AAS) and diplomas offered. Search the drop-down boxes for specific programs OR schools in the following areas:</p> <ul style="list-style-type: none"> *Dental Assisting *Medical Assisting *Occupational Therapy Assistant *Physical Therapist Assistant *Practical Nursing *Respiratory Therapy *Surgical Technologist <p>Associate Degree and Diploma Programs https://www.atae.org/techcol/diplo MA.ASD</p> <p>Certificate Programs https://www.atae.org/techcol/certif CA.AS.C</p> | <p>The following link will list Board of Regents institutions offering degrees in Therapeutic Services. In the first box titled "Major," type "Nursing," "Pre-Dentistry," or "Physical Therapy." Then click the button at the bottom "View Matching Campuses" for a list. It will not be necessary to fill in all the other boxes. Further research will be required for specific programs of study that align with the pathway. http://www.gacollege411.com/Related/MatchAssistDegrees.asp</p> |
| II. Math | 4 | | |
| III. *Science | 4 | | |
| IV. Social Studies | 3 | | |
| V. **Career, Technical and Agricultural Education (CTAE), and/or Modern Language/Latin, and/or Fine Arts | 3 | | |
| VI. Health & Physical Education | 1 | | |
| VII. Electives (4 units) | 4 | | |
| TOTAL UNITS | 23 | | |
| <p>* 4* Science may be used to meet both the required science and required elective in CTAE sequence of courses (V) **Student <u>must</u> complete 3 units in a pathway to complete CTAE pathway and take end of pathway assessment. Student <u>must</u> complete 2 years of the same Modern Language/Latin for admission to Georgia Board of Regents colleges/universities.</p> | | | |

NURSING PATHWAY

An estimated 3.6 million new health care wage and salary jobs will be created by 2014, more than in any other industry. Registered nurses make up the largest health care occupation with 2.4 million jobs. Students interested in pursuing a nursing career will have excellent job opportunities; employment of RNs is projected to increase more than 27% by 2014, creating the second

This block represents the graduation rule and the postsecondary programs of study aligned to the pathway at the technical college and the University System of Georgia; a reference to GACollege411 for additional postsecondary information and financial aid is also included

(C:C1.1 Understand the relationship between educational achievement and career success)

The sample THERAPEUTIC SERVICES-NURSING PATHWAY occupations listed below meet two out of three of GDOE definitions for high-demand, high-wage and high-skilled. www.occsupplydemand.org

| Occupation Specialties | Level of Education Needed | Average Salary | Annual Average Openings in Georgia |
|-------------------------------------|--------------------------------------|----------------|------------------------------------|
| Registered Nurse | Associate Degree Bachelor Degree | \$53, 893 | 3,340 |
| Health Educator | Master Degree | \$53,290 | 90 |
| Medical and Health Services Manager | Bachelor Degree + Work Experience | \$74,486 | 330 |
| Occupational Therapist | Master Degree | \$58,427 | 100 |

GACollege411

Career Matching Assistant

<http://www.gacollege411.org/Career/CareerMatch/default.asp>

The screenshot shows the GACollege411 website's Career Matching Assistant interface. At the top, the logo "GACollege411" is displayed with the tagline "Helping Students Plan, Apply, and Pay for College". A search bar with a "go" button and a "Tell a Friend" link are also visible. A navigation menu contains several colored buttons: "Career Info", "Student Planner", "GA Colleges", "Applications & Transcripts", "Paying for College", "Path2College Savings Plan", and "Adult Learner". On the left side, a vertical menu lists options such as "Create an Account", "Log On", "My 411", "Introduction to Career Info", "Career Key", "Student-Career Matching Assistant", "Career Change", "List of Careers", "Fastest Growing Careers", and "Ask an Expert". The main content area is titled "Student-Career" and includes a dropdown menu for "Planned education level:" (currently set to "At") and a list of "Interest area:" options. The "Interest area:" list includes: Agriculture, Food and Natural Resources; Architecture and Construction; Arts, Audio-Video Technology and Communications; Business, Management and Administration; Education and Training; Finance; Government and Public Administration; Health Science; Hospitality and Tourism; Human Services; Information Technology; Law, Public Safety, Corrections and Security; Manufacturing; Marketing, Sales and Service; Science, Technology, Engineering and Mathematics; and Transportation, Distribution and Logistics. Below this list is another dropdown menu for "Industry focus:" set to "Select One". A "View Matching Careers" button is located at the bottom of the main content area.

GAcollege411 Helping Students Plan, Apply, and Pay for College

[Tell a Friend](#)

Search

[Career Info](#) [Student Planner](#) [GA Colleges](#) [Applications & Transcripts](#) [Paying for College](#) [Path2College Savings Plan](#) [Adult Learner](#)

[Create an Account](#)

[Log On](#) [My 411](#)

Introduction to Career

[Info](#)

[Career Key](#)

Student-Career

[Matching Assistant](#)

[Career Change](#)

[List of Careers](#)

Fastest Growing

[Careers](#)

[Ask an Expert](#)

Student-Career

Planned education level:

Interest area:

Interest 1:

Interest 2:

Interest 3:

Industry focus:

- Select One
- Agriculture, Food and Natural Resources
- Architecture and Construction
- Arts, Audio-Video Technology and Communications
- Business, Management and Administration
- Education and Training
- Finance
- Government and Public Administration
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections and Security
- Manufacturing
- Marketing, Sales and Service
- Science, Technology, Engineering and Mathematics
- Transportation, Distribution and Logistics
- Select One



Kathy Cox, State Superintendent of Schools

Improving student achievement.

Georgia Department of Education



AskDOE

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http://www.gadoe.org/ci_cta.aspx?PageReq=CICTACareer

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Standards, Instruction and Assessment Career, Technical and Agricultural Education

Creating a world-class workforce for Georgia in the 21st Century.

DIVISIONS

- ◆ [Career, Technical and Agricultural Education](#)
- ◆ [Curriculum and Instructional Services](#)
- ◆ [Special Education Services and Support](#)
- ◆ [Innovative Academic Programs](#)
- ◆ [Testing](#)

Career Development

Vision

The Georgia Department of Education's Career Development Initiative will provide the necessary tools, knowledge, and resources for systematic, developmental, and comprehensive career planning for all students in grades K-12.

- [Education and Career Planning Tools New Rule](#)
- [Education and Career Planning Tools Old Rule](#)

Career development is a vital part of one's educational career and is a school wide initiative. Individuals define and re-define career-related choices and outcomes in a life-long process. In general labor trends indicate that many workers will change jobs an average of 7-10 times in their career, will work in teams, and will need more education and training to be competitive in their

GEORGIA CONNECTIONS

- ◆ [Crosswalk Georgia 11 Concentrations to Federal 16 Clusters](#)
- ◆ [CTAE Program Concentrations](#)
- ◆ [GCIS Georgia Career Clusters to Federal Clusters](#)
- ◆ [Holland Code Alignment to Georgia Pathways](#)

CONTACT INFORMATION



- ◆ [Graduation Coach Training presentation 2008](#)
- ◆ [Education and Career Planning Tool Guidance](#)

-
- **B.Lu Nations-Miller, Georgia Department of Education, Education Program Specialist for Transition bnations@doe.k12.ga.us**
 - **Vivian Snyder, Georgia Department of Education, Program Specialist-Career Development vsnyder@doe.k12.ga.us**

For additional information contact:

Georgia Department of Education

Divisions for Special Education Services and Supports

1870 Twin Towers East

Atlanta, Georgia 30334

404-656-3963

Website: http://www.gadoe.org/ci_exceptional.aspx

