Peach State Pathways: Program of Study



re. Construction. Communications & Trai

Learner Name

Learner Signature

Parent/Guardian Signature

This plan of study should serve as a guide, along with other career planning materials, as you continue your education. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans will meet minimum high school graduation requirements as well as minimum college entrance requirements.

Applicant					sion at any institution. Institutions may set additional and/or higher requirements.	
eer 2008-2	I. English Language Arts (4 units)	II. Mathematics (4 units)	III. Science (4 units)	IV. Social Studies (3 units)	V. Required Electives (3 units) CTAE and/or Modern Language/Latin and/or Fine Arts	VI. Health & Physical Edu (1 unit)
tion and Career Ha	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)	Career Pathway Sequence of Courses: 46.54500 Occupational Safety and Fundamentals 46.54600 Introduction to Construction Choose an area of interest: 46.55000 Carpentry I 46.55100 Carpentry II OR	Health & Personal Fitness
High School Education Graduation Rules for & grade	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)	46.57000 Masonry I 46.57100 Masonry II OR 46.56000 Electrical I 46.56100 Electrical II OR 46.58000 Plumbing I 46.58100 Plumbing II Modern Language/Latin	
	Sample Additional English Courses: Literary Types/Composition Oral/Written Communication	Sample Additional <u>Math Courses:</u> TBA	Sample Additional Science Courses: Environmental Science AP Environmental Science	Sample Additional Social Studies Courses: Current Issues The Humanities Technology and Society Sociology AP Macroeconomics AP Microeconomics	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 For a listing of Fine Arts courses offered at your high school, please check with your advisor, counselor or curriculum handbook. UII. Other Electives For a listing of other electives courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.	Sample Additional Health & PE courses: Team Sports Rec Games Aerobics
ıt	Career-Related Educ	lucation Activities Postsecondary Options:		ary Options:	Possible postsecondary credit opportunities may include:	
Career Enhancement Opportunities	 Career Awareness Career Exploration Instructional Related Connecting Work-Based Learning Employability Skill Dev. Cooperative Education Internship Youth Apprenticeship Clinicals 		 4-Year Universities/Colleges 2-Year Colleges Technical Colleges State Registered Apprenticeships Special Purpose Schools On-the-Job Training Military 		 *Advanced Placement *Articulated Credit (Technical Colleges) *Dual Enrollment/ACCEL (Degree Programs) *Dual Enrollment/HOPE (Certificate and Diplomas) Joint Enrollment (postsecondary credit only) *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.	

Date _____ Advisor/Counselor Signature ____

Go to GACollege411 at <u>www.GACollege411.org</u> 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	Select the following link for a list of Technical College System of	The following link will list Board of Regents institutions offering degrees	
II. Math	4	Georgia (TCSG) institutions offering programs in Construction .	in <u>Construction</u> . In the first box titled "Major," type "Construction Engineering" or "Construction Management." 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.org/Select /MatchAsst/default.asp	
III. *Science	4	Each technical college varies in the		
IV. Social Studies	3	specific degrees (AAS), diplomas, and certificates offered.		
V. **Career, Technical and Agricultural Education (CTAE), and/or Modern Language/Latin, and/or Fine Arts	3	https://kms.dtae.org/portal/tcsg/TC SGProgramOfferings.aspx Step 1: Use the drop-down box to		
VI. Health & Physical Education	1	select the term you plan to enter a TCSG institution;		
VII. Electives (4 units)	4	Step 2: From the Specific Program drop-down box select		
TOTAL UNITS	23	Construction Manager, Electrical Construction & Maintenance, or		
 * 4th Science may be used to meet both the required sci required elective in CTAE sequence of courses (V) **Student <u>must</u> complete 3 units in a pathway to complet pathway and take end of pathway assessment. Student complete 2 years of the same Modern Language/Latin for admission to Georgia Board of Regents colleges/university 	ete CTAE <u>must</u> or	Plumbing. You can then view a list of TCSG institutions that offer this program as well as the specific campus and awards (degree, diploma or certificate) offered.		

definitions for high-demand, high-wage and high-skilled. <u>www.occsupplydemand.org</u>							
Occupation Specialties	Level of Education Needed	Average Salary	Annual Average Openings in Georgia				
Construction Manager	Bachelor Degree	\$75,171	510				
Construction & Building Inspector	Work Experience in a Related Occupation	\$41,725	130				
Electrician	Long-Term On-the-Job Training	\$39,458	780				
Plumber and Pipefitter	Long-Term On-the- Job Training	\$37,981	560				
Sheet Metal Worker	Long-Term On-the-Job Training	\$35,318	260				

The sample CONSTRUCTION PATHWAY occupations listed below meet two out of three of GDOE

CONSTRUCTION PATHWAY

Construction is one of the nation's largest industries with over 7 million wage and salary jobs and 1.9 million self-employed workers. Construction includes the building of new structures as well as additions and modifications to existing ones. The construction industry also includes maintenance, repair and improvements on these structures.

Construction job opportunities are expected to be excellent for experienced workers. The number of wage and salary jobs is expected to increase approximately 11 percent through 2014.

Employment in the construction industry can be gained through a variety of educational and training backgrounds. Those entering construction out of high school usually start as laborers, helpers or apprentices. The skills required for many construction jobs take years to learn and are usually learned through some combination of classroom instruction and on-the-job training. The more education received, generally the more skilled workers become.

Opportunities for workers to own their own business is better in construction than in many other industries. Construction workers need only a moderate financial investment to become contractors and many can run their businesses from their homes.

For more information, visit the following websites: Associated Builders and Contractors www.trytools.org National Center for Construction Education and Research www.nccer.org National Association of Home Builders, Home Builders Institute www.hbi.org www.GAcollege411.org www.dol.state.ga.us.