

PROGRAM OF STUDY:

Commercial Fishing



This Program of Study may serve as a graduation guide for the next four plus years, along with other career planning and educational materials. Courses listed in this model may include recommended coursework and should be individualized to students' educational and career goals. Each graduation plan needs to meet minimum high school graduation requirements. Dual Enrollment courses can be high school academic and/or career technical education courses.

SECONDARY:				
COURSE/ GRADE	NINTH	TENTH	ELEVENTH	TWELFTH
ENGLISH	9 th grade Lit/ Composition	10 th grade Lit/ Composition	American Lit/ Composition	World Lit/ Composition / British Lit
MATHEMATICS	Coordinate Algebra / Algebra I	Analytic Geometry / Geometry	Advanced Algebra / Algebra II	Pre-calculus
SCIENCE	Physical Science	Biology	Chemistry	Physics
SOCIAL STUDIES	World History	Psychology	US History	Government (½ unit) Economics (½ unit)
PATHWAY COMPLETER	Basic Agricultural Science	Safety, Watchkeeping, and Healthy Oceans for Commercial Fishing	Commercial Fishing, Management and Fisheries Science	Another course in focus area, Work-Based Learning, or Youth Apprenticeship
Industry Recognized Credential (Pathway Completer)		Visit the End of Pathway Assessment Page (see note below)		
Required/ Selective Electives	Health & Personal Fitness (can be taken in grades 9-12)	Agribusiness Management and Leadership	AP Biology	Marketing Agriculture Products and Services
	Modern Language/Latin 2 units required for admissions to Georgia University System Colleges/Universities For a listing of Modern Language/Latin courses offered at your high school, please contact your advisor, counselor, or curriculum handbook.		Other Electives For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.	

Postsecondary Transition

- University System of Georgia Institutions: Admissions Testing
 - ACT or SAT
 - For More Information:
 - Contact the institution of your choice
- Technical College System of Georgia
 - Placement Exam
- United States Military
 - ASVAB Assessment
- Use BRIDGE Law platform to inform decisions on postsecondary opportunities
- Dual Enrollment
- Earning high school course credits while taking college courses

Forest Natural Resources Management Career Pathway Completers - Industry Credentialing for High School Students

Upon completion of sequenced courses in the Forest Natural Resources Management Pathway, students are eligible to complete the Industry-Recognized student credential for fulfillment of the End of Pathway Assessment. Secondary students completing the Forest Natural Resources Management pathway will be able to sit for the National Industry Credentialed assessment offered on-line from NOCTI and Precision. Once mastery is reached, students will receive recognition for completion and use this credential in conjunction with their job or continuing training. For specific assessment information, refer to: <http://bit.ly/AgricultureEOPA>.

Commercial Fishing Pathway Description

The commercial fisheries courses allow students to have prior experience before going into job fields such as marine biology, oceanography engineering, geographic information science, diesel mechanics, welding, carpentry, and fishing (just to name a few). Some groups that students may choose to have a career with include Coast Guard, Department of Natural Resources, National Oceanic and Atmospheric Administration, various marine extension offices, and various commercial fishing vessels.

Skill sets needed to perform a multitude of tasks on any commercial fishing vessel includes (but not excluded to) knowledge and experience in diesel mechanics, net mending, welding, carpentry, information technology, navigation, business, and communications.

Completion of this pathway includes First Aid/CPR certification, possible internships during high school, along with experience that is vital to the safety of anyone that is involved in the commercial fisheries field.

Sample In Demand Careers in Georgia

Occupation Specialties	Level of Education Needed	Georgia Average Salary	Annual Average Openings in Georgia	2018 – 2028 Employment Outlook
Butchers and Meat Cutters	High School Diploma	\$28,480	610	In Demand
Ship and Boat Captains	Postsecondary Certificate	\$65,420	30	High Skill
Agriculture Workers	High School Diploma	\$29,040	7,790	In Demand
First Line Supervisors of Aquaculture Workers	Bachelor's Degree	\$44,840	830	In Demand, High Skill

Related Pathway Occupations

- Fisheries Scientists
- Fishery Biologist
- Fish Hatchery Manager
- Aquatic Biologist

Other Related Occupations

- Animal Scientists
- Biological Technician
- Customs Inspector
- Fish & Game Warden
- Environmental Specialist



O*NET Online

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NOTE: Students have many options to **ENTER** and **EXIT** from their academic studies into the workforce. When a student graduates from high school, they are eligible to choose one of many **ENTRANCE POINT** options: **1.** Enroll in either a 2 or 4 year post-secondary program; **2.** Enroll in an apprenticeship program or the military; or **3.** Enter the workforce using technical skills learned in high school. When a student finishes a 2- or 4-year degree program, they may choose to **EXIT** and **1.** Enroll in an apprenticeship program or the military; **2.** Enroll in a professional university degree program; or **3.** Enter the workforce using technical skills learned.

POSTSECONDARY:

	TCC	DIPLOMA OR AAS	BACHELOR OF SCIENCE
Entrance/Exit Point	<p>BCF1 Basic Commercial Fisherman TCC</p> <p>FISH 1001 Basic Health and Safety in Commercial Fishing</p> <p>FISH 1002 Seamanship and Watchkeeping</p> <p>FISH 1003 Basic Commercial Fishing Practices</p> <p>FISH 1004 Introduction to Fisheries Science and Management</p>		<p>The University System of Georgia offers students' higher education options at 30 institutions throughout the state, providing a wide range of academic programming including certificates and associate, baccalaureate, masters, doctoral and professional degrees.</p> <p>https://apps.ds.usg.edu/ords/f?p=118:1:0</p>
Entrance/Exit Point			
Entrance/Exit Point			

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

Career Enhancement Opportunities	<p>Career-Related Education Activities</p> <ul style="list-style-type: none"> Career Awareness Career Exploration Instructional Related Connecting <ul style="list-style-type: none"> Work-Based Learning Employability Skill Dev. Cooperative Education Internship Youth Apprenticeship Clinicals 	<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>Earning Postsecondary Credits While in High School</p> <ul style="list-style-type: none"> Dual Enrollment Program Earn postsecondary credit while in high school You can complete <ul style="list-style-type: none"> Industry Credential Technical Certificate of Credit (TCC) Associates of Applied Science Degree Bachelor's Degree Who can help? <ul style="list-style-type: none"> Parents School Counselor Advisor
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