



## Program of Study: Aquaculture AAS



Postsecondary/Secondary Partner(s): \_\_\_\_\_

Career Pathways: **Animal Science**

Education Levels	Grade	Communication	Mathematics	Other Required Academic Courses (i.e. Science, Social Science)	Career and Technical Program Courses	Supplementary Course Recommendations (i.e. world language, entrepreneurship, etc)	Possibilities of careers relating to this Pathway
State Graduation Requirements: (URL to Page) <a href="http://www.cde.state.co.us/postsecondary/graduationguidelines">www.cde.state.co.us/postsecondary/graduationguidelines</a>							
MIDDLE	7						Farmworkers, Agriculture Sciences Teachers, Farm and Ranch Mangers, First-Line Supervisors of Farming, Nursery and Greenhouse Managers
	8						
High /Secondary	9	English I	Algebra I,	Earth or Environmental Science		Computer Applications, Physical Education	
	10	English II	Geometry	Biology, US History, Foreign Language I		Psychology, Nutrition, Physical Education	
	11	English III	Algebra II	Chemistry, Foreign Language II		Speech/Communications, Physical Education	
	12	English IV	Trigonometry or other Math,	Botany or other lab based Science		Computer Applications	
13 <sup>th</sup> year (ASCENT, P-TECH or other):							
High school courses in the pathway offered locally for college credit should be coded Concurrent Enrollment with CCNS Prefix and Number <weblink>							
<b>List related Industry Certifications/credentials approved and offered locally:</b> <insert credential/Industry certification name here>				<b>Additional Learning Opportunities:</b> <b>CTSO organization(s):</b> <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input checked="" type="checkbox"/> FFA <input type="checkbox"/> CCSA <input type="checkbox"/> HOSA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> TSA <input type="checkbox"/> SC <sup>2</sup>			
<b>&lt;this field&gt; must have &lt;this level&gt; of training &amp; learning:</b>				<b>Work-based Learning:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Mentorship <input checked="" type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Student Apprenticeship <input type="checkbox"/> Industry Certificate			
Postsecondary: CCPT Placement Assessment CLEP <weblink> Prior Learning Assessment (PLA) eligibility: <weblink> Acceleration Opportunities: AP: IB:				<b>Other Graduation Requirements:</b> <input type="checkbox"/> Capstone Project <input type="checkbox"/> Assessment (ACT, SAT, WorkKeys, ASVAB, Locally endorse, Other) <input type="checkbox"/> ICAP Quality Indicators <input type="checkbox"/> PWR Competencies			

POSTSECONDARY PROGRAMS					
POSTSECONDARY	Industry Certificate	Certificate	Associates Degree	Bachelor's Degree	Advanced Degree
			Aquaculture Technology Aquaculture Technician Agribusiness	Aquaculture Agribusiness	Animal Science
Insert Program Requirements for Entry: <a href="http://www.trinidadstate.edu/admissions">http://www.trinidadstate.edu/admissions</a> Gainful Employment Link: <a href="http://trinidadstate.edu/gedt/GedtAquaculture/Gedt.html">http://trinidadstate.edu/gedt/GedtAquaculture/Gedt.html</a>					
POSTSECONDARY COMMUNITY COLLEGE	Semester	CTE Sequence of Courses		General Education (Sequence of Courses)	
	Year 1 1 <sup>st</sup> Semester	AGE 205 Farm and Ranch Management AQT 101 Introduction to Aquaculture AQT 105 Water Quality for Fishes AQT 110 Aquaculture I		MAT 107 Career Math	
	Year 1 2 <sup>nd</sup> Semester	AQT 102 Fish and Biology and Ichthyology AQT 210 Aquaculture II ASC 225 Feeds and Feeding		ENG 115 or 121 Technical Writing or English Composition I	
	Year 2 1 <sup>st</sup> Semester	AQT 103 Diseases of Fish AQT 288 Aquaculture Practicum 6 Credit Hours of Electives			
	Year 2 2 <sup>nd</sup> Semester	AGE 210 Ag Marketing 3 Credit Hours of Electives		9 Credit Hours of Electives	
Advanced Degree(s)	University/College: Degree or Major: Number of Articulated CC Credits: <insert link to Articulation Agreements>  Alignment to ICAP Process and outcome(if applicable):				
Symbols/Codes: Legend: (this POS is coded for the following) + GT Pathway                            o ICAP Quality Indicator Shown                            ~ Concurrent Enrollment                            / IB * Hot career field                            - PWR Competencies Shown                            x Badge                            < AP ^ Special Pops/ACE                            @ AVID					

**Signatures:**

\_\_\_\_\_ (Postsecondary) \_\_\_\_\_ Secondary \_\_\_\_\_ Date \_\_\_\_\_