

COMPETENCY PROFILE

WATER QUALITY

BTC: FISH 105 (18 clock hours/1 credit)

This course looks at the importance of water quality and how it is monitored. To gain experience students will monitor water quality at the hatchery and net pens.



1. Demonstrate water quality tests
 - Dissolved Oxygen
 - pH
 - Carbon Dioxide
 - Nitrite and Nitrate
 - Ammonia
 - Temperature
 - Turbidity; suspended solids
 - Salinity
2. In the field, using the appropriate equipment and instructions, students will be able to demonstrate proper use of testing equipment to obtain data.
 - Demonstrate ability to take gathered data and solve a water quality problem.
3. Able to identify and explain the normal ranges of water quality for aquatic life in local streams.
4. Demonstration of appropriate record-keeping skills (paper and pencil logs; computer data entry).
5. Demonstrate ability to do computer graphing related to water quality testing.

College Textbook:

 Trout and Salmon Culture

This document is to certify that this student has completed the required coursework as defined by the Whatcom County Tech Prep Articulation Agreement and has demonstrated mastery for college credit. Further information about any aspect of this program may be obtained by contacting the school and instructor named on this profile.