



Aquaculture Technology Program

The BCC Center for Aquaculture Technology

- State-of-the-Art Facilities
- 8,500 square foot building with classrooms, computer lab, and wet labs



Indoor Hatchery Facilities

- 1400 square foot hatchery room with troughs and tanks for holding fish and hatching eggs of a variety of species



Recirculating Aquaculture Systems



Ponds

- 25 ¼-acre ponds
- 4 1-acre ponds
- 1 3-acre pond







Field House

- 4800 ft² Metal Building
- Used to store state-of-the-art equipment, including tractors, seines & hydraulic reel, 1-ton feed blower, etc.



Emphasis of the BCC Program is on Freshwater Finfish

- Channel Catfish
- Hybrid Striped Bass
- Yellow Perch
- Tilapia
- Largemouth Bass
- Bluegill
- Black Crappie
- Fathead Minnows
- Koi & other ornamentals





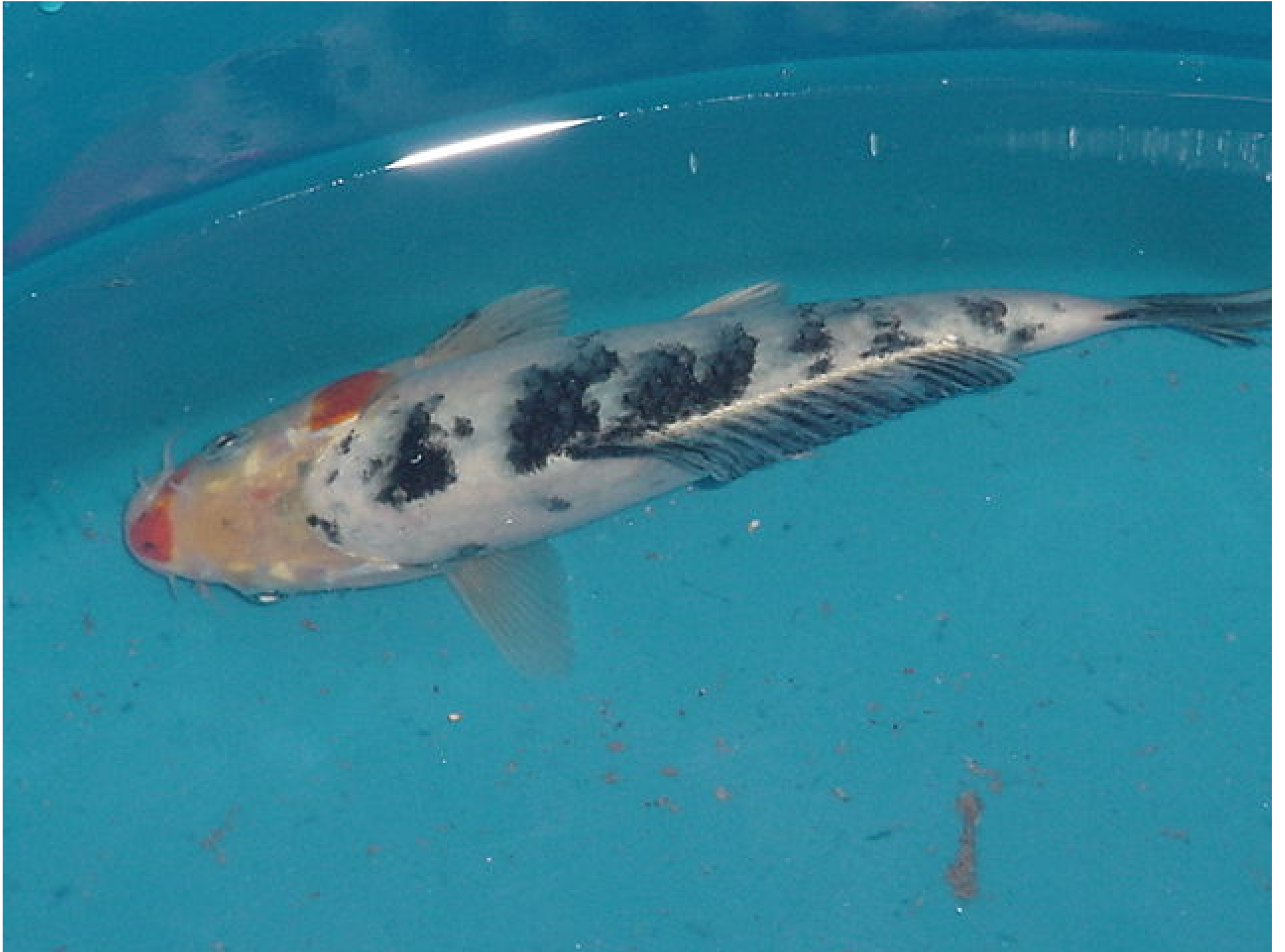














Articulation With South Brunswick High School

- Students in the South Brunswick High School Aquaculture Program and students at other Brunswick County High Schools can take Aquaculture courses at BCC during their Senior year.

ASSET Placement Test

- High school students wishing to take aquaculture courses at BCC are required to take the ASSET placement test, to determine their competence levels in reading, writing and mathematics.
- Currently, only those students placing at the college level are allowed to register.

Several Different Levels Within the BCC Aquaculture Program

- Certificate: 2 semesters, part-time
- Diploma: 1 full year
- A.A.S. Degree: 2 full years, and a “2+2” agreement with UNC-Wilmington

“2+2” Agreement with UNCW

- Students spend their first two years of college at BCC in the Aquaculture Technology Program, where they earn the A.A.S. Degree

- Those who maintain at least a 2.5 GPA may enter the Marine Biology Program at UNCW, where they spend the final two years earning the B.S. Degree in Marine Biology.
- While at UNCW, students may take advanced courses in Aquaculture.

Graduate Studies at UNCW

- Students who finish the B.S. in Marine Biology with excellent grades and also score well on the GRE are eligible to apply for the M.S. Degree program and eventually the Ph.D. program in Marine Biology at UNCW.
- Graduate studies in Aquaculture are available to students through the Center for Marine Science Aquaculture Facilities at Wrightsville Beach.

Aquaculture Educational Ladder

- High School: Diploma
- Community College: Certificate, Diploma, A.A.S. Degree
- University: B.S., M.S., Ph.D.

Lecture Courses

- Traditional Classroom
- North Carolina Information Highway
- Internet Courses



Collaborative Agreement with Carteret Community College

- Students at Carteret Community College may take courses via Distance Learning at BCC.
- Carteret Students may earn the BCC Certificate, Diploma, and/or A.A.S. Degree in Aquaculture Technology



Hands-On Courses and Activities

- Aquaculture Practicum (6 courses)
- Cooperative Work Experience















Alternatives to Fish Production

- Public & Private Aquarium Management









- Management of Recreational Fishing Ponds



- Water Garden Design and Construction



The Future of Aquaculture at Brunswick Community College

- Program Expansion
- Research
- 4-year degree (B.S. in Aquaculture)