ITDEV-115: Intermediate Object Oriented Programming

Course Description:

This course focuses on intermediate object-oriented concepts, such as encapsulation, data hiding, inheritance, and polymorphism. Students will be introduced to file I/O, data abstraction, pointers, and database access. Emphasis will be on class design, implementation, and problem solving using databases. MATC strongly recommends that students complete ITDEV-110, or have the equivalent skills, prior to enrollment in this course.

Total Credits: 3.00

Course Competencies

1. **Create object-oriented programs**
2. **Implement fundamental computing algorithms**
3. **Employ data structures and storage**
4. **Configure logic structures**
5. **Create event-driven programs**
6. **Handle exceptions**