# SET

## Courses

**SET 151 C Programming 1**
**4 Credits. 3 Lecture Hours. 2 Lab Hours.**
An introduction to the C and C++ computer programming languages. Topics include: decision statements, loops, functions, arrays, strings, pointers, and simple classes.
Prerequisites: IT 101

**SET 191 Part-Time Cooperative Education 1: Software Engineering Technology**
**1 Credit. 1 Lecture Hour. 20 Lab Hours.**
Students seeking an associate's degree participate in their first part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: None

**SET 192 Part-Time Cooperative Education 2: Software Engineering Technology**
**1 Credit. 1 Lecture Hour. 20 Lab Hours.**
Students seeking an associate's degree participate in their second part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: SET 191

**SET 193 Part-Time Cooperative Education 3: Software Engineering Technology**
**1 Credit. 1 Lecture Hour. 20 Lab Hours.**
Students seeking an associate's degree participate in their third part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: SET 192

**SET 194 Part-Time Cooperative Education 4: Software Engineering Technology**
**1 Credit. 1 Lecture Hour. 20 Lab Hours.**
Students seeking an associate's degree participate in their fourth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: SET 193

**SET 195 Part-Time Cooperative Education 5: Software Engineering Technology**
**1 Credit. 1 Lecture Hour. 20 Lab Hours.**
Students seeking an associate's degree participate in their fifth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: SET 194

**SET 196 Part-Time Cooperative Education 6: Software Engineering Technology**
**1 Credit. 1 Lecture Hour. 20 Lab Hours.**
Students seeking an associate's degree participate in their sixth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: SET 195

**SET 198 First Year Special Topics in Software Engineering Technology**
**1-9 Credits. 0 Lecture Hour. 0 Lab Hour.**
A course on selected topics related to Software Engineering Technology, which gives students opportunities to study information not currently covered in other courses. Grades issued are A, B, C, D, or F.
Prerequisites: Instructor Approval

**SET 199 First Year Independent Project in Software Engineering Technology**
**1-9 Credits. 0 Lecture Hour. 0 Lab Hour.**
A project related to Software Engineering Technology that is completed by one or more students to meet specific educational goals. Projects must have prior approval and supervision by Software Engineering Technology faculty. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: Instructor Approval

**SET 252 C Programming 2**
**4 Credits. 3 Lecture Hours. 2 Lab Hours.**
A continuation of SET 151. Topics include: classes, object-oriented programming techniques, polymorphism, inheritance, encapsulation, pointers, memory management, overloading, templates, and advanced data structures.
Prerequisites: SET 151

**SET 253 C Programming 3**
**4 Credits. 3 Lecture Hours. 2 Lab Hours.**
A continuation of SET 252. Topics include: C#, advanced database programming techniques using stored procedures and views with SQL Server, and ASP.NET with C#.
Prerequisites: IT 111, SET 252

**SET 290 Software Engineering Technology Capstone**
**3 Credits. 1 Lecture Hour. 4 Lab Hours.**
Students combine their programming and database skills to complete a software application.
Prerequisites: IT 103, IT 111, SET 252

**SET 291 Full-Time Cooperative Education 1: Software Engineering Technology**
**2 Credits. 1 Lecture Hour. 40 Lab Hours.**
Students seeking an associate's degree participate in their first full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: None

**SET 292 Full-Time Cooperative Education 2: Software Engineering Technology**
**2 Credits. 1 Lecture Hour. 40 Lab Hours.**
Students seeking an associate's degree participate in their second full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: SET 291

**SET 293 Full-Time Cooperative Education 3: Software Engineering Technology**
**2 Credits. 1 Lecture Hour. 40 Lab Hours.**
Students seeking an associate's degree participate in their third full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: SET 292

**SET 294 Internship 1: Software Engineering Technology**
**2 Credits. 1 Lecture Hour. 40 Lab Hours.**
Students seeking an associate's degree participate in their first unpaid field learning experience related to their degree. Students must follow applicable policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: CIT 190

**SET 295 Internship 2: Software Engineering Technology**
**2 Credits. 1 Lecture Hour. 40 Lab Hours.**
Students seeking an associate's degree participate in their second unpaid field learning experience related to their degree. Students must follow applicable policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: SET 294

**SET 298 Second Year Special Topics in Software Engineering Technology**
**1-9 Credits. 0 Lecture Hour. 0 Lab Hour.**
A course on selected topics related to Software Engineering Technology, which gives students opportunities to study information not currently covered in other courses. Grades issued are A, B, C, D, or F.
Prerequisites: Instructor Approval

**SET 299 Second Year Independent Project in Software Engineering Technology**
**1-9 Credits. 0 Lecture Hour. 0 Lab Hour.**
A project related to Software Engineering Technology that is completed by one or more students to meet specific educational goals. Projects must have prior approval and supervision by Software Engineering Technology faculty. Grades issued are Satisfactory or Unsatisfactory.
Prerequisites: Instructor Approval