

CSA

Courses

CSA 111 Computer Repair 1

3 Credits. 2 Lecture Hours. 3 Lab Hours.

A course on theory and operation of computer systems. Topics include: operating systems, interface of operating systems and hardware, central processing unit (CPU) structures and evolution, bus structures, memory, data storage, input/output devices, motherboard structures, number systems, and USB/IEEE 1392 data transmission. Prerequisites: AFL 085 and AFM 092, or appropriate placement test scores

CSA 112 Computer Repair 2

3 Credits. 2 Lecture Hours. 3 Lab Hours.

A continuation of CSA 111. Topics include: examining the board/component level of computer systems while using diagnostic software and instrumentation to isolate failures and restore systems to normal operation.

Prerequisites: CSA 111

CSA 191 Part-Time Cooperative Education 1: Computer Support and Administration

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: CIT 190

CSA 192 Part-Time Cooperative Education 2: Computer Support and Administration

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: CSA 191

CSA 193 Part-Time Cooperative Education 3: Computer Support and Administration

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: CSA 192

CSA 194 Part-Time Cooperative Education 4: Computer Support and Administration

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: CSA 193

CSA 195 Part-Time Cooperative Education 5: Computer Support and Administration

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: CSA 194

CSA 196 Part-Time Cooperative Education 6: Computer Support and Administration

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: CSA 195

CSA 198 First Year Special Topics in Computer Support and Administration

1-9 Credits. 0 Lecture Hour. 0 Lab Hour.

A course on selected topics related to Computer Support and Administration, which gives students opportunities to study information not currently covered in other courses. Grades issued are A, B, C, D, or F.

Prerequisites: Vary by section

CSA 199 First Year Independent Project in Computer Support and Administration

1-9 Credits. 0 Lecture Hour. 0 Lab Hour.

A project related to Computer Support and Administration that is completed by one or more students to meet specific educational goals. Projects must have prior approval and supervision by Computer Support and Administration faculty. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: Vary by section

CSA 213 Computer Repair 3

3 Credits. 2 Lecture Hours. 2 Lab Hours.

A continuation of CSA 112. Topics include: specialized hardware, peripheral devices, system optimization, driver installation, internet connectivity, and printer maintenance.

Prerequisites: CSA 112

CSA 290 Computer Support and Administration Capstone

3 Credits. 2 Lecture Hours. 2 Lab Hours.

Students work in teams to complete a design project using analog and digital concepts, and prepare a presentation of results. Topics include: design theory, feasibility study, project economics, team building, and effective presentations.

Prerequisites: CSA 112, and NETA 115 or NETC 121

CSA 291 Full-Time Cooperative Education 1: Computer Support and Administration

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: CIT 190

CSA 292 Full-Time Cooperative Education 2: Computer Support and Administration

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: CSA 291

CSA 293 Full-Time Cooperative Education 3: Computer Support and Administration

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: CSA 292

CSA 294 Internship 1: Computer Support and Administration

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

CSA 295 Internship 2: Computer Support and Administration

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: CSA 294

CSA 298 Second Year Special Topics in Computer Support and Administration

1-9 Credits. 0 Lecture Hour. 0 Lab Hour.

A course on selected topics related to Computer Support and Administration, which gives students opportunities to study information not currently covered in other courses. Grades issued are A, B, C, D, or F.

Prerequisites: Vary by section

CSA 299 Second Year Independent Project in Computer Support and Administration

1-9 Credits. 0 Lecture Hour. 0 Lab Hour.

A project related to Computer Support and Administration that is completed by one or more students to meet specific educational goals. Projects must have prior approval and supervision by Computer Support and Administration faculty. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: Vary by section