

## About Our Program

The Computer Repair Specialization is a five-semester program designed to prepare individuals for a career in the rapidly changing electronic and computer industry fields. Courses in mathematics and technical writing are blended with a variety of electronics and computer courses to prepare graduates for a broad range of positions. The curriculum provides a meaningful balance between theoretical and practical knowledge with "hands on" skills developed in well-equipped and modern laboratories.

Approximately 2/3 of the courses pertain to electronic and computer technology, while the remaining courses include related areas and general education. This program is intended for persons seeking full-time employment in the electronics and computer fields upon graduation. Further educational opportunities may be available. Please consult an electronics/computer faculty advisor and/or MECC counselor for further information.

### Opportunities For Employment

Job opportunities are available in the computer and electronic fields with occupational goals such as computer repair technician. Employment opportunities vary widely in this field due to the diversity of industries requiring computer technologists. The primary employers of MECC graduates are companies which manufacture, install and service computer equipment, as well as many end users of computer products.

### Opportunities For Advancement

Chances for advancement in this field are excellent. A firm foundation for advancement is provided by this program. The graduate will be prepared to become certified through the A+ certification process.

### Special Consideration

Students are required to take the English and mathematics placement tests and correct any deficiencies in the developmental studies program, if it is deemed necessary before gaining full admission to the curriculum.

### Program Contacts

Dr. Richard Phillips, *Dean*  
 Faculty Contacts: Mr. Roy Powers,  
 Mr. Roger Greene  
 Location: Dalton-Cantrell Hall-First Floor

*Lec Lab Crse  
Hrs. Hrs. Cr.*

## FIRST YEAR

### First Semester (Fall)

ENG 111	College Composition I	3	0	3
ETR 113	DC/AC Fundamentals I	3	3	4
ETR 166	Fundamentals of Computer Technology	3	3	4
MTH 105	Survey of Tech Math I	2	0	2
SDV 100	Orientation	1	0	1
	<b>Total</b>	<b>12</b>	<b>6</b>	<b>14</b>

### Second Semester (Spring)

ETR 100	Electronic Problem Solving Lab	0	3	1
ETR 114	DC/AC Fundamentals II	3	3	4
ETR 143	Devices & Applications I	2	3	3
ETR 168	Digital Circuit Fundamentals	3	0	3
MTH 106	Survey of Tech Math II	2	0	2
	Humanities Elective3	0	3	
	<b>Total</b>	<b>13</b>	<b>9</b>	<b>16</b>

### Third Semester (Summer)

ETR 256	Devices & Circuit Design I	3	3	4
ETR 273	Computer Electronics I	3	3	4
	<b>Total</b>	<b>6</b>	<b>6</b>	<b>8</b>

## SECOND YEAR

### Fourth Semester (Fall)

ETR 259	Linear Integrated Circuits	3	3	4
ETR 274	Computer Electronics II	3	2	4
	HLT/PED Elective	1	0	1
ITN 154	Networking Fundamentals	3	2	4
	Social Science Elective	3	0	3
	<b>Total</b>	<b>13</b>	<b>7</b>	<b>16</b>

### Fifth Semester (Spring)

ETR 228	Computer Troubleshooting and Repair	3	3	4
ETR 275	Computer Electronics III	3	3	4
IND 137	Team Concepts & Problem Solving	3	0	3
	HLT or PED Elective	1	0	1
	Social Science Elective	3	0	3
	<b>Total</b>	<b>13</b>	<b>6</b>	<b>15</b>

**69 credits required to graduate**

