

Accreditation Statement

Elizabethtown Community and Technical College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Elizabethtown Community and Technical College.

Statement of Non-Discrimination

The Kentucky Community and Technical College System is committed to a policy of providing educational opportunities to all qualified students regardless of economic or social status, and will not discriminate based on race, color, religion, sex, marital status, beliefs, age, national origin, sexual orientation, or physical or mental disability.

Compliance with Title IX of the Educational Amendments of 1972, which prohibits sex discrimination, and with Title VI of the Civil Rights Act of 1964 is coordinated by Lawrence L. Fortson, Director of Diversity Programs, Kentucky Community and Technical College System, 2780 Research Park Drive, P.O. Box 14092, Lexington, KY 40512-4092, (859) 256-3264.

Do you need information about Elizabethtown Community and Technical College?

Would you like to schedule a campus tour?

Would you like to schedule an appointment with a counselor?

**Contact:
The Welcome and Admissions Center
600 College Street Road
Elizabethtown, KY 42701**

**(270) 706-8800
Toll free (877) 246-2322
ext. 68800**

We look forward to serving your needs!

Revised 11/30/07

Air Conditioning Technology



Air Conditioning Program Objectives

The Air Conditioning Technology program is designed to teach knowledge and understanding of the scientific principles, theory, and practices relating to the control of temperature and quality of air in heating and cooling systems.

Students selecting this program will participate in classroom and laboratory training experiences which focus on the repair, installation, and upkeep of residential and commercial heating and cooling systems, filtration, humidity control, and problem solving methods to use in repairing systems. Classes in this program of study are offered during the day and evening.

Opportunities for employment in this field are expected to increase because of anticipated new residential and commercial construction. Also, there will be a growing need for existing heating and cooling systems to be repaired, modified, and maintained to accommodate comfort levels.

For further information, contact:

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**Elizabethtown Community and
Technical College
620 College Street Road
Elizabethtown, KY 42701**

Air Conditioning Curriculum

			Credit Hours
ACR	100/ 101	Refrigeration Fundamentals/Lab	5
ACR	102/ 103	HVAC Electricity/Lab	5
EET	154/ 155	Electrical Construction I/Lab	(4)
ACR	130/ 131	HVAC Electrical Components/Lab	5
ACR	170	Heat Load/Duct Design	3
ACR	250/ 251	Cooling & Dehumidification/Lab	5
ACR	260/ 261	Heating and Humidification/Lab	5
ACR	270/ 271	Heat Pump Application/Lab	5
		* Technical Electives (see program advisor for curriculum listing)	8-11

Elizabethtown Community and Technical College reserves the right to change and/or revise any program requirements without notice.

Degree/Diploma Options

Degree Option:

AAS in General Occupational Technical Studies
General education courses:

The following general education courses may be taken prior to or during enrollment in the program.

			Credit Hours
COM	181	Basic Public Speaking	3
		Mathematics (MT115 or higher recommended)	3
PY	110	General Psychology or	3
SOC	101	Introductory Sociology	(3)
ENG	101	Writing 1	3
		Science Course	3
		Heritage/Humanities Course	3
CIS	100	Introduction to Computers or	3
CPU	150	Computer Fundamentals	(3)

Diploma Option:

General education courses:

The following courses may be taken prior to or during enrollment in the program.

CPU	150	Computer Fundamentals or	3
CIS	100	Introduction to Computers	(3)
MT	110	Applied Mathematics	3
WPP	200	Workplace Principles	3

