



CERTIFICATE ENERGY MANAGEMENT SUSTAINABLE ENERGY

Program Description

The Energy Management (EM) degree is designed to give students the skills and national certifications required to receive employment in the rapidly growing field of energy management and positions in the energy industry. The embedded certificates include: the Center for Energy Workforce Development (CEWD) Energy Industry Fundamental Certificate, the Building Performance Institute's Building Specialist certificate, The North American Board of Certified Energy Practitioners' Entry Level Solar certification, the Leadership in Energy and Environmental Design's Green Associate certification, and the Environmental Protection Agency's Article 608 certification. The program is designed to meet the needs of non-traditional and working students by having courses absent of pre-requisites. The program has several embedded certificates that will give many exit points to employment. Graduates of the EM program will be qualified to recommend improvements to commercial and residential buildings by analyzing subsystems that contribute to higher energy usage.

Documentation of digital literacy, as defined by KCTCS, is required prior to enrolling in the first Energy Management course.

Colleges

[Madisonville Community College](#) must be designated as your Home College because only a Home College can confer a credential (certificate, diploma, or degree). Even though the courses may be delivered by different KCTCS colleges, the Home College will admit you and take care of all of your student service needs including advising, library services, billing, financial aid, etc.

Getting Started

Students may register for KCTCS online classes offered system wide directly at any KCTCS college. Individuals may also complete a "course inquiry" submit form through www.kyvc.org. KYVC course inquiries are submitted directly to the KCTCS Home College identified by the student. The student's chosen Home College processes the course inquiry either through formal admission procedures or class enrollment. Additional information about KCTCS admission requirements and college contacts may be accessed at http://www.kctcs.edu/Students/Distance_Learning.aspx.

Course Requirements

Here is a listing of the courses involved in this certificate program. There may be additional courses that meet these requirements. Please check the current course catalog and online course schedule for additional information and offerings. The entire program may be completed online. Some faculty may require proctored exams. Approved proctored sites are listed at www.kctcs.edu/distancelearning under student services.

Program Title: Sustainable Energy Certificate			
<u>Course Prefix</u>	<u>Course Number</u>	<u>Course Title</u>	<u>Credit Hours</u>
ENM	111	Sustainability Management OR One Study Abroad/Overseas Experience course (HRS 200, IES 235 or other Study Abroad course from a non-KCTCS accredited higher education institution approved by the Energy Management program coordinator)	3 (3)
ENM	121	Solar Design and Application	3
AIT	220	The Integrated Power Grid	3
ENM	210	Smart Grid Technologies	3
		Total	12

Helpful links:

APPLICATION: http://www.kctcs.edu/students/admissions/apply_online.aspx

CALENDAR: http://www.kctcs.edu/Students/Distance_Learning/Calendar.aspx

CONTACTS: <http://kctcs.edu/distancelearning/DLPeerTeam.htm>

COURSES: http://www.kctcs.edu/Students/Distance_Learning/Online_Courses.aspx

FINANCIAL AID: http://www.kctcs.edu/Students/Costs_and_Financial_Aid.aspx

GETTING STARTED: http://www.kctcs.edu/Students/Distance_Learning/Getting_Started.aspx

STUDENT TUTORIAL: http://www.kctcs.edu/Students/Distance_Learning/Tutorials.aspx

KCTCS COURSES AVAILABLE AT KYVC: <http://kyvc.org/>