



WEST KENTUCKY COMMUNITY & TECHNICAL COLLEGE

Health Physics

offered at the
Emerging Technology Center and Online

Qualified Radiation Safety Technicians are needed in many work places that utilize radiation including health care, nuclear energy, uranium processing and enrichment, university research facilities, government facilities, and other industries. Technicians play a vital role in the health and safety of the workforce, patients, the public, and the environment. Maintaining compliance with both state and federal regulations on the use of radioactive materials and radiation emitting devices is a critical component of radiation safety training.



Health Physics Program offers...

- Associate in Applied Science degree completed in two years.
- Radiation Control Technician Certificate completed in two semesters.
- Courses offered online.
- Labs offered in Emerging Technology Center.

Course offerings listed on the back of this document.

For more information, call

(270) 534-3373



TRANSFORMING LIVES
**TRANSFORMING
KENTUCKY**

WKCTC is an equal opportunity employer and educational institution.

KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM

Health Physics

Certificate, Radiation Control Technician

Course Schedule - 1st Semester

HP 100 Health Physics Fundamentals (math and physics - 16 weeks) HP 101 Introduction to Health Physics I - 8 weeks HP 102 Introduction to Health Physics II - 8 weeks

Course Schedule - 2nd Semester

HP 201 Nuclear Instrumentation and Measurement I - 8 weeks with lab HP 202 Nuclear Instrumentation and Measurement II - 8 weeks with lab

Associate in Applied Science, Health Physics

Course Schedule - 1st Semester

ENG 101 Writing I MT 150 College Algebra BIO 112 Introduction to Biology BIO 113 Introduction to Biology Lab PHY 152 Introduction to Physics OR Higher Physics course CHE 140 Introductory General Chemistry CHE 145 Introductory General Chemistry Lab

Course Schedule - 2nd Semester

ENG 102 Writing II HP 101 Introduction to Health Physics I - 8 weeks HP 102 Introduction to Health Physics II - 8 weeks CIS 100 Computer Literacy (or equivalent) ISX 100 Industrial Safety

Course Schedule - 3rd Semester

HP 201 Nuclear Instrumentation and Measurement I - 8 weeks with lab HP 202 Nuclear Instrumentation and Measurement II - 8 weeks with lab QMS 101 Introduction to Quality Systems INDT 250 Team Dynamics and Problem Solving COM 181 or 252 Basic Public Speaking OR Introduction to Interpersonal

Fall 2011 Course Schedule - 4th Semester

ENVR 246 Environmental Law Any - Heritage/Humanities Any - Social Interaction BA 267 Supervisory Management HP 120 Introduction to Radiation Biology

"This product was funded by a grant awarded under Community-Based Job Training Grants as implemented by the U. S. Department of Labor's Employment and Training Administration. The information contained in this product was created by a grantee organization and does not necessarily reflect the official position of the U. S. Department of Labor. All references to non-governmental companies or organizations, their services, products, or resources are offered for informational purposes and should not be construed as an endorsement of the Department of Labor. This product is copyrighted by the institution that created it and is intended for individual organizational, non-commercial use only."