



Wayne County Community College District

COURSE SYLLABUS

PSC 110 Physical Science-Physics, Chemistry and Geology

CREDIT HOURS: 4.00

CONTACT HOURS: 60.00

COURSE DESCRIPTION:

A course for non-science majors covering topics in chemistry, physics and environmental science to develop an understanding of how science, technology and society influence each other, and how to use this knowledge in every day decision making.

EXPECTED COMPETENCIES:

Upon completion of this course, students will be able to:

- Explain the relationship between the structure and properties of matter.
- Explain that matter is made out of atoms and that atoms are composed of even smaller particles.
- Use the periodic table to understand the characteristics of an atom or element.
- Analyze energy and the conservation of energy.
- Use Ohm's law to find resistance and current in an electrical system.

ASSESSMENT METHODS:

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE:

90%-100% = A
80%-89.9%= B
70%-79.9%= C
60%-69.9%= D
<60% = E