

Master Syllabus

HUM 1130 - Humanity & the Challenge of Technology

Division: Liberal Arts, Communication and Social Sciences

Department: Humanities

Credit Hour Total: 3.0

Lecture Hrs: 3.0

Date Revised: June 2014

Course Description:

This course examines the role of technology in the modern society. It explores the opportunities and dangers faced by humankind in the evolution of new technologies. It inquires into such questions as whether the human quest for mastery of nature has made us masters or slaves of the machine.

General Education Outcomes:

- ▣ Oral Communication
- ▣ Written Communication
- ▣ Critical Thinking/Problem Solving
- ▣ Values/Citizenship/Community
- ▣ Computer Literacy
- ▣ Information Literacy

Course Outcomes:

Humanizing and dehumanizing aspects of modern technology

Analyze and describe the humanizing and dehumanizing aspects of modern technology in general and in specific selected cases.

Assessment Method: Locally developed exams

Performance Criteria: Meets 70% of rubric

Impact of technology on modern society

Demonstrate knowledge of major technological developments and their effects on humanity.

Assessment Method: Locally developed exams

Performance Criteria: Meets 70% of rubric

Perspectives on the role of technology in society

Analyze and evaluate various perspectives on the role of technology through the study of relevant primary and secondary sources.

Assessment Method: Locally developed exams

Performance Criteria: Meets 70% of rubric

Outline:

Human Values / Social Responsibilities in the Age of Technology
History of Technology
Social and Political Perspectives
Ethical Perspectives
Futurism
Security and surveillance
Artificial Intelligence
Robots and Workers in the Technical Society
Nanotechnology
Internet and Social Media
Biotechnology
Technology and the Environment