



PHILOSOPHY OF TECHNOLOGY AND DESIGN — PHIL 1500

A. Course Description

- **Credits:** 3.00
- **Lecture Hours/Week:** 3.00
- **Lab Hours/Week:** 0.00
- **OJT Hours/Week:** 0
- **Prerequisites:** None
- **Corequisites:** None
- **MnTC Goals:**
 - 02 – Critical Thinking
 - 06 – Humanities/Fine Arts
 - 09 – Ethical/Civic Resp

Students will take a philosophical approach to thinking about the processes and objects of technology and design. Also addressed will be related societal, ethical, and political matters. Meets MnTC Goal Areas 2, 6, and 9.

B. Course Effective Dates: 8/27/18 – Present

C. Outline of Major Content Areas

1. Philosophical perspectives on designing
2. Philosophical perspectives on making
3. Philosophical perspectives on thinking
4. The ethics and politics of technology and design
5. The relations between science, technology and design
6. The relations of technology and design to society

D. Learning Outcomes

1. Students will be able to expose and criticize arguments in philosophical works related to the philosophy of technology and design.
2. Students will be able to use the writing process.
3. Students will be able to use theoretical and factual information to inform readings about technology

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

Goal 02 — Critical Thinking

1. Gather factual information and apply it to a given problem in a manner that is relevant, clear, comprehensive, and conscious of possible bias in the information selected.
2. Imagine and seek out a variety of possible goals, assumptions, interpretations, or perspectives which can give alternative meanings or solutions to given situations or problems.
3. Analyze the logical connections among the facts, goals, and implicit assumptions relevant to a problem or claim; generate and evaluate implications that follow from them.
4. Recognize and articulate the value assumptions which underlie and affect decisions, interpretations, analyses, and evaluations made by ourselves and others.

Goal 06 — Humanities/Fine Arts

1. Demonstrate awareness of the scope and variety of works in the arts and humanities.
2. Understand those works as expressions of individual and human values within an historical and social context.
3. Respond critically to works in the arts and humanities.
4. Articulate an informed personal reaction to works in the arts and humanities.

Goal 09 — Ethical/Civic Resp

1. Examine, articulate, and apply their own ethical views.
2. Understand and apply core concepts (e.g. politics, rights and obligations, justice, liberty) to specific issues.
3. Analyze and reflect on the ethical dimensions of legal, social, and scientific issues.
4. Recognize the diversity of political motivations and interests of others.
5. Identify ways to exercise the rights and responsibilities of citizenship.

F. Learner Outcomes Assessment

As noted on course syllabus

G. Special Information

None noted

