



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Circuit Boards and Wire Diagrams

Course Number: PIP166

Required Materials

Textbook(s): Ugly's Book

Required Readings:

Additional Materials: Miscellaneous Wire Diagrams

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
1	Introduction and Basic Symbols for Diagrams
2	Foundational Symbols and Notation
3	Basic Symbols for Diagrams Quiz
4	Introduction to Miscellaneous Wiring Diagrams
5	Reading Wiring Diagrams
6	Reading Wiring Diagrams Level 2
7	Complex Multi-Component Diagrams
8	Hands-on Diagram interpretation Lab
9	Mid-term and Practical Reading Assessment
10	Special Diagrams and Schematics
11	Introduction to Wire Diagram Creation
12	Drafting Wire Diagrams Level 1
13	Drafting Wire Diagrams Level 2
14	Introduction to Circuit Board Layout Concepts
15	Drafting Final Project Diagrams
16	Final Project/Exam