

#321

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY
SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Title: TECHNICAL DRAWING AND DESIGN

Code No.: ELR 201-2

Program: ELECTRICAL TECHNICIAN

Semester: THREE

Date: AUGUST 1987

Author: J. HAMILTON

New: _____ Revision: XX

APPROVED: *J.P. Crozietto*
Chairperson

87-09-10
Date

CALENDAR DESCRIPTION

TECHNICAL DRAWING AND DESIGN

ELR 201-2

Course Name

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SPECIFIC OBJECTIVES:

BLOCK 1 -- CHARTS

Drawing Pie Charts and Bar Charts

BLOCK 2 -- CONNECTION DIAGRAMS

Point-to-Point
Baseline Diagrams
Highway Diagrams
Lineless Diagrams

BLOCK 3 -- BLOCK AND LOGIC DIAGRAMS

Block Diagrams
Logic Diagrams

BLOCK 4 -- P.C. BOARD DRAWINGS

Introduction
How to Prepare a PC Board Drg.
Taping Techniques

BLOCK 5 -- INDUSTRIAL WIRING DIAGRAMS

Introduction
Basic Power Systems
One Line Diagrams
How to Read One Line Diagrams
Ladder Diagrams
How to Read a Ladder Diagram
Riser Diagrams
How to Read a Riser Diagram