

INDT 100 Computer Fundament for Technology

- This class was geared more to using basic software
- The basic software like word, power point, and excel

INDT 102 Introduction to Print Reading

- Blue print reading is used in every skilled trade today
- Blue prints begin with the engineer and draftsmen
- I use blue print reading everyday from a simple part to final built sub assembly

INDT 104 Fluid Power Basics

- This class was a filler course for me
- I learned the basic from plumbing to the different types of the pumps and valves

INDT 106 Intro to Workplace & Safety

- This course shows the student what hazards exist in the workplace
- The different types of OSHA and their standards was a main topic
- What power source are present even though a machine is off
- This is a required class to graduate
- I believe it should be a must for any employee

INDT 113 Basic Electricity

- In this class I was taught basic electricity
- I used wiring schematics to perform the require test
- The required test could be testing or calculating; voltage, amperage, or resistance
- I did basic one phase AC circuits
- I also did DC circuits

INDT 114 Introductory Welding

- This was a beginner course
- This class gave a student hands on experience with mig, stick, and tig welding
- This was a refresher course for me since I took vocational welding in highschool

INDT 260 Problem Solving & Teamwork

- In this class I was taught how to read different kind of graphs
- Every student was required to take this class to graduate
- A binder was required from my first Associates of Science
- INDT 279 which is a digital porfolio

MTTC 101 Introduction to Machining

- In this class I learnt the basics of machining.
- I was exposed to: drill bits, end mills, calipers, micrometers, and height gages
- This course introduced me to the different types of machining

MTTC 104 Machinery Handbook

- This class taught me how to use a machinery handbook
- The machinery handbook is resource that can be very complex to understand
- The machinery handbook layout may change from volume to volume
- The information is never deleted just reorganized and add to

MTTC 105 Abrasive Processes I

- I was required to take a machining and turn class prior to this abrasive class
- One project I was required to machine a blank piece of steel and leave enough material to be finished on a manual surface grinder
- I chose the proper abrasive wheel and dress the wheel for the application

MTTC 110 Turning & Milling

- This was a more hands on than the introduction to machine course
- I was assigned project that were machined either on a manual horizontal lathe, vertical mill or dress press

MTTC 208 CNC Programming I

- Understanding G&M codes is must
- I wrote my own program in notepad off of blueprint
- My final project required me to lay my initial out on a graph paper
- Once I programmed my initials, I had to verify my program in a CNC Mill with a finished product

WELD 109 Oxy-Fuel Gas Welding Cutting

- I took this class in high school
- This course introduced students to torch
- In this course students had to cut and bevel steel with a torch

WELD 108 Shielded Metal Arc Welding 1

- I took Weld 108 in high school
- This course was geared towards Shielded Metal Arc Welding
- Commonly known in the industry as stick welding
- I was certified in stick welding