AIIT CURRICULUM
Option A Multi-Skilled Industrial Technician

- **AIT 100 Power Generation and Utilization** **4 credits**
  - AIT 1001 Basic Electrical Knowledge 2 credits
  - AIT 1002 Power Development 1 credit
  - AIT 1003 Hydraulic/Pneumatic Fundamentals 1 credit

- **AIT 110 Power Distribution Systems** **3 credits**
  - AIT 1101 Electrical Power Distribution 1 credit
  - AIT 1102 Fluid Power Distribution 2 credit

- **AIT 120 Equipment Installation** **3 credits**
  - AIT 1201 Electrical installation 1 credit
  - AIT 1202 Piping, Pneumatic, & Installation 1 credit
  - AIT 1203 Mechanical Installation 1 credit

- **AIT 130 Measurement and Instrumentation** **4 credits**
  - AIT 1301 Principles of Instrumentation 2 credits
  - AIT 1302 Integrated Process Control 2 credits

- **AIT 140 Industrial Controls I** **4 credits**
  - AIT 1401 Basic Electrical Controls 2 credits
  - AIT 1402 Basic Pneumatic Controls 1 credit
  - AIT 1403 Basic Hydraulic Controls 1 credit

- **AIT 150 Industrial Controls II** **4 credits**
  - AIT 1501 Intermediate Electrical Controls 2 credits
  - AIT 1502 Intermediate Pneumatic Controls 1 credit
  - AIT 1503 Intermediate Hydraulic Controls 1 credit

- **AIT 160 Workplace Safety** **1 credit**

- **AIT 200 Integrated Process Control** **4 credits**
  - AIT 2001 Integrated Process Management 2 credits
  - AIT 2002 Quality Control and SPC 2 credits

- **AIT 210 Equipment Maintenance** **4 credits**
  - AIT 2101 Predictive/Preventive Maintenance and Lubrication 1 credit
  - AIT 2102 Power Transmission Systems 1 credit
  - AIT 2103 Advanced Mechanical 2 credits

- **AIT 290 SELECTED TOPICS IN AIIT** **0.1-5 credits**
- **MTT 110 Fundamentals of Machine Tools** **3 credits**
- **EET 276 Programmable Logic Controllers** **2 credits**
- **EET 277 Programmable Logic Controllers Lab** **2 credits**
- **IMT100 Welding for Maintenance** **3 credits**
- **IMT 101 Welding for Maintenance Lab** **2 credits**
- **ACR 100 Refrigeration Fundamentals** **3 credits**
- **ACR 101 Refrigeration Fundamentals Lab** **2 credits**