

TCU/IAM ADVANCED TRAINING PROGRAM

CURRICULUM REQUIREMENTS

“WITH GREEN INITIATIVES”



RAIL MECHANICAL WORKER

EXCELSIOR SPRINGS-GARY-ST. LOUIS

(WELDING MAY BE A REQUIREMENT)

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|------------------------|---------------------------|
| 1. Safety and Security | 7. Precision Measurements |
| 2. REB Training | 8. Blueprint Reading |
| 3. Welding | 9. Pneumatics |
| 4. AAR/FRA | 10. Machine Tooling |
| 5. Mechanical Skills | |
| 6. Air Brakes | |

RAIL FREIGHT SERVICE WORKER

1. Safety and Security
2. Equipment Identification
3. Signals
4. Switch Controls
5. Air Brakes
6. Rail Cross Ties
7. Track Tools and Basic

AIRLINE SERVICE WORKER

1. Safety and Security
2. Airline Terminology
3. Airport City Codes
4. Equipment Identification
5. Customer Service
6. Ticketing Procedures
7. Baggage Handling
8. Reservations and Sales

TCU/IAM CURRICULUM

1. Safety/OSHA Certification
2. Employability Skills
3. Transportation
4. OPAC Certifications
5. Business Communications
6. Mathematics: Fundamental Consumer
7. Keyboarding/Word Processing

All TCU/IAM AT students study these core courses

RAIL FREIGHT CLERK

1. Safety and Security
2. Equipment Identification
3. Customer Service
4. Bills of Lading
5. Waybills/Auto Billing
6. Customer Profile Systems
7. Waybill Retention Files
8. Hazardous Materials

INLAND WATERWAY SERVICE WORKER

1. Ratchet Safety
2. Maritime Terminology
3. Barge Identification
4. Equipment Identification
5. Lines and Knots
6. Hand Signals

RAIL PASSENGER CLERK

1. Safety and Security
2. Amtrak History
3. Amtrak City Codes
4. Amtrak Routing
5. Equipment Identification
6. Amtrak Manifests
7. Amtrak Timetable
8. Customer Service

Amtrak On Board Service positions have a minimum age requirement of 21 years old.

MASS TRANSIT/HIGHWAY SERVICE WORKER

1. Safety and Security
2. Mass Transit History
3. Zones and Station Codes
4. Customer Service
5. Fare Construction/Timetables
6. Ten-Key Calculator Skills