

CLASSIC JACK

TASK ANALYSIS TOOLKIT (TAT) TRAINING

This is a 1-day course.

- **Lower Back Analysis**
 - Design workcells that minimize the risk of low back injuries
- **Static Strength Prediction**
 - Determine if workers have the strength to perform a prescribed job
- **NIOSH Lifting**
 - Design and evaluate lifting jobs
- **FORCESOLVER**
 - Determine Maximum Acceptable Hand loads, optionally obtain an adjusted posture which reflects the hand exertion requirements
- **RULA Assessment Tool (Rapid Upper Limb Assessment)**
 - Identify manual tasks that expose workers to increased risk of upper limb disorders
- **Arm Strength Evaluation (Arm Force Field)**
 - Calculate the maximum hand exertion capability in any direction
- **Manual Handling Limits (by Liberty Mutual Research Center)**
 - Evaluate Lifting/Lowering/Carry/Push/Pull job design options by recommended weight limits and percent capable values
- **OWAS Tool (Ovako Working Posture Analysis)**
 - Quickly assess a working posture for its potential to expose workers to the risk of harm or injury

Below topics are upon request:

- **Predetermined Time Standards**
- **Fatigue Recovery**
- **Metabolic Energy Expenditure**



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