



***Certification Roadmap***  
**A CLEAR PATH TO BECOME A  
MASTER CERTIFIED TECHNICIAN  
THROUGH GOLD STANDARD  
CAREER DEVELOPMENT TRAINING**

*The right training for every technician and every machine*





# CERTIFICATION ROADMAP

The John J. Lanigan, Sr. Training Academy trains students across the full spectrum of skill levels from novice to advanced.

**Mi-Jack certifications are available to empower technicians to work on a wide variety of machines** manufactured, sold, and serviced by Mi-Jack Products®.

## TRAINED EMPLOYEES PERFORM BETTER

Whether you're managing a small single machine yard or numerous machines in multiple facilities, **the development of your field service talent pipeline is paramount.** Our innovative, flexible learning solutions equip you for success.

### Overview

**Assessments** are used at all stages of training to assess subject mastery according to Academy standards, and reinforce knowledge gained during classroom activities.

- Pre-course tests to benchmark incoming student knowledge
- Post-course tests to measure progress versus benchmark

**Total immersion approach**—In addition to classroom and hands-on coursework, pre-work and homework assist in **preparing students for the next step in their training**, whether that is the next day of a multi-day course, or the next course in a certification training sequence. **Using time wisely gets students back on the job quickly**, equipped with the most knowledge and hands-on experience possible.

**Small class sizes**—(minimum of four, maximum of eight attendees) allow personalized attention.

**Levels**—JLSTA offers four levels of training pursuant to three levels of certification allowing for continuous professional development, from the basics for relative novices to the highest level of skill development for expert technicians.

Level	Course Series #	Certification	Description
1	100	Equipment Technician	All students are required to begin with Equipment Technician (100 Series) coursework, which is a prerequisite to higher level training: <ul style="list-style-type: none"> <li>• Machine-specific—(familiarization); or</li> <li>• Non-machine specific (fundamentals)</li> </ul>
2	200	Mi-Jack Certified Technician	In-depth, machine-specific systems, operations, and troubleshooting best practice techniques as specified in maintenance, specification, and supplemental publications.
3	300		
4	400	Mi-Jack Certified Master Technician	Advanced systems operation theory, troubleshooting knowledge, and best practices.

### Training Progression Path

**Level 1 (Novice):** All students must complete JLSTA 101-Mechanical, Electrical and Hydraulic Fundamentals.

**Levels 2 and 3 (Intermediate):** Upon successful completion of JLSTA 101, students may advance to intermediate courses (200 and 300 series pursuant to becoming a Mi-Jack Certified Technician. This coursework focuses on in-depth, machine specific systems operations and troubleshooting techniques following best practices as prescribed in maintenance specification and supplemental publications.

**Level 4 (Advanced):** Students who complete Level 1 through 3 coursework may advance to the machine specific advanced coursework (400 Level) pursuant to becoming a Mi-Jack Master Certified Technician. This coursework is focused on the advanced theory of systems operations, troubleshooting knowledge, and best practices that achieve customer focused outcomes.

The chart below shows the full curriculum available at the Academy.

NOVICE TRAINING				
Fundamentals				
Skill Level	Course#	Course Title		
1	101	Mechanical, Electrical & Hydraulic Fundamentals		
INTERMEDIATE TRAINING				
	Machine		System	
Skill Level	Course#	Course Title	Course#	Course Title
2	202	Translift 1200R Systems, Maintenance & Troubleshooting		
	203	1400C-RTG Familiarization		
	204	Taylor Machine Works XLC Familiarization		
	205	OEM Side Loader		
	206	1200REH Familiarization		
	207	EcoCrane Familiarization		
	209	Hostler Truck		
	210	TTX Equipment		
			211	DGPS *Optional
3	301	1400C-RTG Electrical Circuits and Fault Troubleshooting		
			302	Level 3 Electrical Devices
			303	Level 3 Hydraulic Systems
			304	VFD Drive Troubleshooting
	305	REH EcoCrane Troubleshooting		
			306	DGPS Mapping *Optional
ADVANCED TRAINING				
	Machine		System	
Skill Level	Course#	Course Title	Course#	Course Title
4			402	PLC Controls
			403	Hydraulic Circuits
	404	MJHD Travelift		
	405	1200R Translift		
	406	1400C-RTG		





## **DESIGN YOUR CERTIFICATION PATH AT JOHN J LANIGAN, SR. TRAINING ACADEMY**

**LEVEL 1** Mechanical, Electrical, Hydraulic Fundamentals (MEH)

**LEVEL 2** Translift 1200R | Travelift MJHD | 1400C-RTG  
EcoCrane Hybrid | Taylor XLC | OEM Widespan | OEM Sideloader

**LEVEL 3** Level 3 Electrical | Level 3 Hydraulics | 1400C-RTG Faults  
Taylor TICS | VFD | DGPS \*Optional

**LEVEL 4** Advanced 1200R or MJHD | Advanced Electrical/Hydraulics  
Factory Trained Certification

**Courses fill quickly – schedule your training today!**

Contact:

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