



**4 Day
Machinery Lubrication Training**

2019

Course Road Map

Days 1-3

This course is designed to educate attendees on a variety of topics in the field of machinery lubrication including lubricant selection, application, contamination control and oil analysis. This course is based on the ICML MLT I / MLA I body of knowledge and covers all subject matter included in the exam. The focus of the program is to create awareness of the important issues in lubrication and offer practical, effective solutions to the challenges facing today's maintenance professionals. Our instructors have decades of inplant experience designing and implementing precision lubrication programs and we have trained thousands of maintenance professionals on the most effective methods for engineering a world-class program.

In this course you will:

- Understand how lubricants work, how to create lubricant specifications for different machines and how to manage their condition.
- Learn how to select a grease, the most effective application method, and how to determine the optimum application amount and frequency.
- Learn how to identify, prevent and remediate lubricant contamination.
- Learn how to design a world-class lubricant storage and handling system.
- Understand the key elements and uses of oil analysis.
- Learn how to modify equipment for lubrication, inspection, oil analysis and contamination control.
- Learn how to identify gaps in your program and create a game plan for your next steps

Day 1

- Role of Lubrication in Machine Reliability
- Lubrication Theory & Fundamentals
- Lubricant Failure Modes
- Lubricating Oil Application Method

Day 2

- Grease Application Methods
- Lubricant Selection and Lubricant Considerations
- Lubricant Contamination Control

Day 3

- Storage and Handling of New Lubricants
- Used Oil Analysis
- Oil Sampling Methods
- Equipment Modifications
- Lubrication Program Gap Analysis

Day 4

- MLT1 Certification Test (Optional)*

**To become certified, an individual must meet the following requirements:*

Education and/or Experience - Candidates must have at least two years education (post-secondary) or on-the-job training in one or more of the following fields: machine lubrication, engineering, mechanical maintenance and/or maintenance trades.

Examination - Each candidate must successfully pass a written, 100 question, multiple-choice examination that evaluates the candidate's knowledge of the topic. Candidates have three hours to complete the closed-book examination. A score of 70% is required to pass the examination and achieve certification. Contact ICML about the availability of the exam in other languages.

The cost of the exam is \$275 USD. Attendees wishing to take the exam must register directly with [ICML](#)

Course Calendar

Daily Schedule

Day 1-3

Daily Schedule / Perks

Training Runs 8:00AM-4:00PM Daily

Perks Included

Breakfast provided in hotel at no charge to attending members

6:00-8:00AM

Free breakfast at hotel restaurant

8:00AM

Training Begins

10:00AM

Provided Snack. Coffee/Beverages Break

12:00-12:30PM

Carte Lunch

2:00PM

Provided Snack / Coffee / Beverage Break

Starbucks Coffee - All Day

Day 4

Exam Day Schedule

6:00AM-8:00AM

Breakfast provided in hotel at no charge to attending members

Starbucks Coffee - all day

8:00AM

Exam Begins

Add on material provided with Course.

Practice Exams, Quizzes, Lubrication Elements text book to all attending members.*

**The Lubrication Elements text book it is a great playbook for companies looking to improve their lube program Retail Value is over a \$100.00*

Course Pricing

Cost of Course for November 19-22nd

10 Person Group: \$2,300.00 Plus Exam Registration

15-25 Person Group: \$1,999.00 Plus Exam Registration

ICML - Exam Fee: \$275.00

Billing

SCL Business Partner or Direct Customer with SCL - [Click Here to Register.](#)

Set-up and account or one time transaction? - [Click Here to Register](#)

Hotel Information:

Courtyard by Richmond Berkeley

3150 Garrity Way, Richmond, CA 94806

Hotel will provide a courtesy booking link for you, at a rate of \$299.00 (our rates are currently \$399 for this time period for reference).

