

# LCFS Verifier Accreditation Training Schedule

April 28th to May 2nd, 2025 | Courtyard by Marriott Pasadena  
 180 N Fair Oaks Ave, Pasadena, CA 91103

Day 1 – Monday (Mission Room)		
Day 1 (Course 1) is required for <b>all non fast-track participants</b> . The accreditation exam will take place in the afternoon. <b>Please bring a laptop.</b>		
Time	Activities	Details
8:30 – 9:00 AM	<i>Check-in</i>	
All <b>non fast-track participants</b> registered for Courses 1-6 must report to the training location <b>Monday morning before 9:00 AM to check in. Please bring a laptop.</b>		
9:00 – 9:15 AM	Welcome & Introductions	
9:15 – 10:00 AM	<b>Course 1.1:</b> Verification Principles and LCFS Context	<ul style="list-style-type: none"><li>• Overview of verification</li><li>• California’s climate goals</li><li>• Overview of LCFS</li></ul>
10:00 – 11:00 AM	<b>Course 1.2:</b> Introduction to LCFS Reports Requiring Verification (part 1)	<ul style="list-style-type: none"><li>• Introduction to scope of verification in LCFS</li><li>• Report types and regulated entities</li><li>• Reporting and verification deadlines</li><li>• Introduction to alternative fuel pathways and quarterly fuel transactions reports</li></ul>
11:00 – 11:10 AM	<i>Coffee break</i>	
11:10 – 11:30 AM	<b>Course 1.2:</b> Introduction to LCFS Reports Requiring Verification (part 2)	<ul style="list-style-type: none"><li>• Introduction to alternative fuel pathways and quarterly fuel transactions reports</li><li>• Supply chain considerations for verification scope and risk</li></ul>
11:30 – 12:30 PM	<b>Course 1.3:</b> Performing Verification Services (part 1)	<ul style="list-style-type: none"><li>• Overview of the verification process</li><li>• Verification team roles and responsibilities</li><li>• Conflict of interest assessment</li><li>• Planning for verification</li></ul>

12:30 – 1:30 PM	<i>Lunch break - <b>Lunch is not provided.</b> A list of nearby lunch options is included as an appendix to this schedule, if going offsite we suggest quicker meals or to-go options (and returning to the hotel with your food). Participants must return to the training room <b>before</b> the afternoon session begins.</i>	
1:30 – 2:30 PM	<b>Course 1.3:</b> Performing Verification Services (part 2)	<ul style="list-style-type: none"> <li>• Verification of reported data</li> <li>• Completion of findings</li> <li>• Group exercise in LMS</li> </ul>
2:30 – 3:00 PM	<b>Course 1 Q&amp;A</b>	<ul style="list-style-type: none"> <li>• Q&amp;A with CARB staff</li> </ul>
3:00 – 3:15 PM	<b>Accreditation Exam Prep</b>	<ul style="list-style-type: none"> <li>• Self-study</li> <li>• Break before exam</li> </ul>
The accreditation exam will be administered from <b>3:15 – 5:15 PM</b> , and is mandatory for non-fast track participants.		
3:15 – 5:15 PM	<b>Course 1 Accreditation Exam</b>	All non-fast-track participants who are not yet accredited must achieve a 71% or higher on the accreditation exam in order to earn accreditation. More information is available in the Exam Policy document located in the LMS. <b>Note:</b> <i>fast-track trainees who choose to take course 1 are not required to take the accreditation exam.</i>

<b>Day 2 – Tuesday (Huntington Ballroom)</b>		
<b>All participants must report to the training location Tuesday morning before 9:00 AM to check in. Please bring a laptop.</b>		
<b>Time</b>	<b>Activities</b>	<b>Details</b>
8:30 – 9:00 AM	<i>Check-in</i>	
9:00 – 9:10 AM	Welcome & Introductions	
9:10 – 10:10 AM	<b>Course 2.1:</b> Overview of Reporting and Verification Requirements in LCFS	<ul style="list-style-type: none"> <li>• Review of verification process introduced in Course 1</li> <li>• Review of LCFS introduced in Course 1</li> <li>• Reporting and verification in the LCFS data management system</li> <li>• Entities and report types subject to verification</li> </ul>
10:10 – 10:55 AM	<b>Course 2.2:</b> Overview of Data Involved by Report Type	<ul style="list-style-type: none"> <li>• Financial transaction data</li> <li>• Data from internal meters</li> <li>• Missing data substitution</li> <li>• Scope of validating fuel pathway applications and verifying annual fuel pathway reports</li> <li>• Examples of Tier 1 and Tier 2 applications</li> <li>• Template for quarterly fuels transactions reports</li> </ul>
10:55 – 11:05 AM	<i>Coffee break</i>	
11:05 – 11:40 AM	<b>Course 2.3:</b> Assessing Regulatory Conformance & Material Misstatement	<ul style="list-style-type: none"> <li>• Reasonable assurance: conformance and free of material misstatements</li> <li>• Review of effects of nonconformance and correctable errors on verification statement from Course 1</li> <li>• Material misstatement assessments: error types</li> <li>• Material misstatement definition and calculation by report type</li> </ul>
11:40 – 11:55 AM	<b>Course 2.4:</b> CARB Verification Program Oversight	<ul style="list-style-type: none"> <li>• Review of CARB oversight from Course 1</li> <li>• CARB LCFS accreditation requirements</li> <li>• Relationship between VBs and verifiers</li> <li>• CARB audit scope and communication</li> </ul>

		<ul style="list-style-type: none"><li>• CARB findings of nonconformance in its oversight audits</li><li>• Maintaining accreditation</li></ul>
11:55 – 12:20	<b>Course 2 Q&amp;A</b>	
12:20 – 12:55 PM	<b>Course 2 Test</b>	
12:55 – 1:55 PM	<i>Lunch break - <b>Lunch is not provided.</b> A list of nearby lunch options is included as an appendix to this schedule, if going offsite we suggest quicker meals or to-go options (and returning to the hotel with your food). Participants must return to the training room <b>before</b> the afternoon session begins.</i>	
1:55 – 2:40 PM	<b>Course 3.1:</b> Overview of Life Cycle Analysis of Alternative Fuels Reported in the LCFS	<ul style="list-style-type: none"><li>• Review: key definitions</li><li>• Review: fuel pathways in the LCFS</li><li>• Examples of LCA in the LCFS: fuel life cycle for corn ethanol, fuel life cycle for landfill gas to CNG, fuel life cycle for used cooking oil biodiesel</li><li>• Introduction to CA-GREET3.0</li></ul>
2:40 – 3:40 PM	<b>Course 3.2:</b> Tier 1 Simplified CI Calculators (part 1)	<ul style="list-style-type: none"><li>• Tier 1 Simplified CI Calculator overview &amp; general requirements</li><li>• Summary and highlights of Tier 1 Simplified CI Calculators</li></ul>
3:40 – 3:50 PM	<i>Coffee break</i>	
3:50 – 4:55 PM	<b>Course 3.2:</b> Tier 1 Simplified CI Calculators (part 2)	<ul style="list-style-type: none"><li>• Summary and highlights of Tier 1 Simplified CI Calculators (cont'd)</li></ul>
5:00 - 7:00 PM	You are invited to join for an optional <b>networking happy hour event</b> at the <b>Blind Donkey</b> (53 Union St, Pasadena, CA 91103) - 5 minute walk from the venue, 1 drink per person provided with NA options.	
<b>Day 3 – Wednesday (Huntington Ballroom)</b>		
<b>All participants</b> must report to the training location <b>before 9:00 AM.</b> <b>Please bring a laptop.</b>		
Time	Activities	Details
8:30 – 9:00 AM	<i>Check-in</i>	
9:00 – 9:05 AM	Welcome & Introductions	
9:05 – 10:20 AM	<b>Course 3.2:</b> Tier 1 Simplified CI Calculators (part 3)	<ul style="list-style-type: none"><li>• Summary and highlights of Tier 1 Simplified CI Calculators (cont'd)</li></ul>
10:20 – 10:30 AM	<i>Coffee break</i>	

10:30 – 11:15 AM	<b>Course 3.3:</b> Fuel Pathway Applications	<ul style="list-style-type: none"><li>• Fuel pathway applications - regulation sections</li><li>• Review: applications subject to validation: Tier 1 and Tier 2 pathways explained</li><li>• Pathway application requirements</li></ul>
11:15 – 12:10 PM	<b>Course 3.4:</b> Tier 1 Fuel Pathway Application, Validation and Certification	<ul style="list-style-type: none"><li>• Examples: Tier 1 Simplified CI Calculator for Starch and Fiber Ethanol, Tier 1 Simplified CI Calculator for Biomethane from Dairy and Swine Manure</li></ul>
12:10 – 1:10 PM	<i>Lunch break - <b>Lunch is not provided.</b> A list of nearby lunch options is included as an appendix to this schedule, if going offsite we suggest quicker meals or to-go options (and returning to the hotel with your food). Participants must return to the training room <b>before</b> the afternoon session begins.</i>	
1:10 – 1:55 PM	<b>Course 3.5:</b> Tier 2 Application, Validation and Certification	<ul style="list-style-type: none"><li>• Tier 2 pathway classification</li><li>• Timeline for Tier 2 fuel pathway application</li><li>• Examples: LCA report, site-specific inputs, CARB staff summary</li></ul>
1:55 – 2:40 PM	<b>Course 3.6:</b> Special Cases with Extra Requirements	<ul style="list-style-type: none"><li>• Joint applications</li><li>• Renewable or low-CI process energy</li><li>• Indirect accounting for renewable or low-CI electricity</li><li>• Specified source feedstocks: chain-of-custody evidence</li><li>• Fuel Pathway Allocation (FPC Allocation)</li><li>• Examples: multi-feedstock fuel pathway allocation</li></ul>
2:40 – 3:25 PM	<b>Course 3.7:</b> Verification of Annual Fuel Pathway Reports	<ul style="list-style-type: none"><li>• Review: annual verification</li><li>• Verification of annual fuel pathway reports (CI)</li><li>• Timeline for verification of annual fuel pathway reports</li></ul>
3:25 – 3:35 PM	<i>Coffee break</i>	
3:35 – 4:00 PM	<b>Course 3 Q&amp;A</b>	
4:00 – 5:00 PM	<b>Course 3 Test</b>	
<b>Day 4 – Thursday (Huntington Ballroom)</b>		
<b>All participants must report to the training location before 9:00 AM.</b> <b>Please bring a laptop.</b>		
<b>Time</b>	<b>Activities</b>	<b>Details</b>
8:30 – 9:00 AM	<i>Check-in</i>	

9:00 – 9:05 AM	Welcome & Introductions	
9:05 – 9:35 AM	<b>Course 4.1:</b> Overview of Quarterly Fuel Transaction Reports for Alternative Fuels	<ul style="list-style-type: none"> <li>• Key definitions</li> <li>• Alternative fuels</li> <li>• Overview of LCFS data management system</li> <li>• LRT-CBTS reporting entities</li> <li>• Reporting entities</li> <li>• Fuel based reporting and crediting</li> </ul>
9:35 – 10:05 AM	<b>Course 4.2:</b> Requirements for Quarterly Fuel Transaction Reports	<ul style="list-style-type: none"> <li>• First fuel reporting entity</li> <li>• General quarterly reporting requirements</li> </ul>
10:05 – 10:40 AM	<b>Course 4.3:</b> Quarterly Fuel Transaction Reports for Alternative Liquid Fuels	<ul style="list-style-type: none"> <li>• Reporting parameters subject to verification for liquid fuels</li> <li>• Requirements for liquid fuel importers</li> <li>• Requirements for liquid fuel exporters</li> </ul>
10:40 – 10:50 AM	<i>Coffee break</i>	
10:50 – 11:40 AM	<b>Course 4.4:</b> Quarterly Fuel Transactions Reports for Natural Gas	<ul style="list-style-type: none"> <li>• Reporting parameters subject to verification for natural gas</li> </ul>
11:40 – 11:50 AM	<b>Course 4.5:</b> Quarterly Fuel Transactions Reports for Propane	<ul style="list-style-type: none"> <li>• Reporting parameters subject to verification for propane</li> </ul>
11:50 – 12:00 PM	<b>Course 4.6:</b> Quarterly Fuel Transactions Reports for Hydrogen	<ul style="list-style-type: none"> <li>• Reporting parameters subject to verification for hydrogen</li> </ul>
12:00 – 12:15 PM	<b>Course 4.7:</b> Verification of Quarterly Fuel Transactions Reports	<ul style="list-style-type: none"> <li>• Overview of annual verification of quarterly fuel transaction reports</li> </ul>
12:15 – 1:15 PM	<i>Lunch break – <b>Lunch is not provided.</b> A list of nearby lunch options is included as an appendix to this schedule, if going offsite we suggest quicker meals or to-go options (and returning to the hotel with your food). Participants must return to the training room <b>before</b> the afternoon session begins.</i>	
1:15 – 1:40 PM	<b>Course 4 Q&amp;A</b>	
1:40 – 2:40 PM	<b>Course 4 Test</b>	
2:40 – 2:50 PM	<i>Coffee break</i>	
2:50 – 3:00 PM	<b>Course 5.1:</b> Introduction to California Petroleum-Based Fuels	<ul style="list-style-type: none"> <li>• Petroleum-based fuels in the LCFS</li> <li>• Key definitions for petroleum fuels</li> </ul>
3:00 – 3:25 PM	<b>Course 5.2:</b> Verification of Petroleum-Based Fuel Reports	<ul style="list-style-type: none"> <li>• Petroleum-based fuel reports</li> <li>• Contracting verification bodies</li> </ul>

3:25 – 3:40 PM	<b>Course 5.3:</b> Verification of Quarterly Fuel Transactions Reports for CARBOB and Diesel	<ul style="list-style-type: none"> <li>• Quarterly fuel transactions reports for CARBOB and Diesel</li> <li>• Base deficit calculation (exercise)</li> <li>• Reporting fuels with unknown blends (exercise)</li> <li>• Reporting and verification summary: quarterly fuel transaction reports for petroleum-based fuels</li> </ul>
3:40 – 3:55 PM	<b>Course 5.4:</b> Verification of Quarterly and Annual Crude Oil Volume Reports (MCON)	<ul style="list-style-type: none"> <li>• Quarterly and annual crude oil volume reports</li> <li>• Incremental deficit calculation</li> <li>• Verification of crude oil volume reports (MCON)</li> <li>• Reporting and verification summary: crude oil volume reports</li> </ul>
3:55 – 4:20 PM	<b>Course 5.5:</b> Verification of Low-Complexity/Low-Energy-Use Refinery Credit Reports	<ul style="list-style-type: none"> <li>• Introduction to low complexity/low-energy-use at a refinery</li> <li>• Eligibility and application</li> <li>• Reporting requirements</li> <li>• Verification</li> <li>• Reporting and verification summary: LC/LEU refinery credit reports</li> </ul>
4:20 – 4:35 PM	<b>Courses 5.6:</b> Project Reports Overview	<ul style="list-style-type: none"> <li>• Project categories</li> <li>• Reporting and verification requirements</li> <li>• Reporting and verification summary</li> </ul>
4:35 – 5:00 PM	<b>Course 5.7:</b> Innovative Crude Project Reports	<ul style="list-style-type: none"> <li>• Introduction to innovative crude</li> <li>• Application process</li> <li>• Credit generation</li> </ul>

### Day 5 – Friday (Huntington Ballroom)

**All participants** must report to the training location **before 9:00 AM**.  
**Please bring a laptop.**

Time	Activities	Details
8:30 – 9:00 AM	<i>Check-in</i>	
9:00 – 9:05 AM	Welcome & Introductions	
9:05 – 9:20 AM	<b>Course 5.8:</b> Refinery Investment Credit Reports	<ul style="list-style-type: none"> <li>• Introduction to refinery investment credits</li> </ul>

		<ul style="list-style-type: none"> <li>• Application requirements</li> <li>• Credit calculation</li> </ul>
9:20 – 9:45 AM	<b>Course 5.9:</b> Renewable Hydrogen Refinery Credit Reports	<ul style="list-style-type: none"> <li>• Introduction to renewable hydrogen refinery credits</li> <li>• Application requirements</li> <li>• Credit calculation</li> </ul>
9:45 – 10:10 AM	<b>Course 5 Q&amp;A</b>	
10:10 – 11:10 AM	<b>Course 5 Test</b>	
11:10 – 11:20 AM	<i>Coffee break</i>	
11:20 – 12:00 PM	<b>Course 6.1:</b> Introduction to CCS in the LCFS	<ul style="list-style-type: none"> <li>• Applicability of CCS Protocol and eligibility</li> <li>• Reporting and verification deadlines</li> <li>• GHG reduction calculations for project-based crediting vs. fuel pathway-based crediting</li> </ul> General requirements for CCS
12:00 – 12:40 PM	<b>Course 6.2:</b> CCS Verification	LCFS Verification of CCS Projects
12:40 – 1:40 PM	<i>Lunch break – <b>Lunch is not provided.</b> A list of nearby lunch options is included as an appendix to this schedule, if going offsite we suggest quicker meals or to-go options (and returning to the hotel with your food). Participants must return to the training room <b>before</b> the afternoon session begins.</i>	
1:40 – 2:20 PM	<b>Course 6.3:</b> GHG Emissions Reductions Calculation	<ul style="list-style-type: none"> <li>• GHG reduction</li> <li>• CCS project GHG emissions</li> <li>• Carbon capture, dehydration, and compression</li> <li>• CO<sub>2</sub> transport</li> <li>• CO<sub>2</sub> injection for CO<sub>2</sub>-EOR reservoirs</li> <li>• CO<sub>2</sub> injection for saline formations and depleted oil and gas reservoirs</li> <li>• Fugitive and vented emissions calculation</li> <li>• Energy and chemical inputs</li> </ul>
2:20 – 2:40 PM	<b>Course 6.4:</b> Project-Based Crediting & CCS	<ul style="list-style-type: none"> <li>• CCS eligibility</li> <li>• Timing of reporting, verification, and project-based crediting</li> <li>• Project reports</li> <li>• Material misstatement</li> </ul>
2:40 – 2:55 PM	<b>Course 6.5:</b> Fuel Pathway-Based Crediting & CCS	<ul style="list-style-type: none"> <li>• CCS eligibility</li> </ul>



		<ul style="list-style-type: none"> <li>• Timing of reporting, verification, and fuel pathway-based crediting</li> <li>• Fuel pathway reports</li> <li>• Material misstatement</li> </ul>
2:55 – 3:05 PM	<i>Coffee break</i>	
3:05 – 3:30 PM	<b>Course 6 Q&amp;A</b>	
3:30 – 3:40 PM	<b>Formal closing &amp; next steps after the training</b>	
3:40 – 4:40 PM	<b>Course 6 Test</b>	

Logistical notes:

- If going off site for lunch we recommend that you purchase lunch to-go and eat it back in the hotel. Just to avoid the issue of one hour not being enough time to travel to-from for a sit-down meal. Ordering food to be delivered for lunch is a great option that past learners have used.
- Aside from coffee, water, and tea no food or beverages are permitted by the hotel to be served. Please bring your own snacks and drinks to meet your needs.
- Please share any accommodation requests ASAP with the training organizers.
- To limit the spread of illness, if you feel unwell please be in touch with the training organizers to work out a training solution that limits of learners' exposure.