

2022 CFR Product Training Schedule

March 16, 2022 (Updated June 6, 2022)

CFR Engines Inc. is excited to announce its school schedule for 2022. All classes are given at the CFR facility in Pewaukee, WI. The classroom contains two fully functional engines (Octane and Cetane) for operational training as well as a wide array of tools, audio visuals and components for maintenance and operational training.

In this announcement you will find:

- A complete class schedule.
- All the information you need to register.
- A brief description of class content on Page 3 of this announcement.

Registration for 2022 CFR Courses

All registrations for any of the CFR product classes should be arranged through your local authorized CFR Engines distributor, Compass Instruments at:

Compass Instruments, Inc.
 1020 Airpark Drive
 Sugar Grove, IL 60554
 Lisa Siebert, 630.556.4835 x5553
LSiebert@Compass-Instruments.com

A purchase order or a credit card is required at time of registration.

A registration form is on Page 4.

2022 CFR Training Schedule and Registration		
Octane Maintenance	May 23 – 26	July 11 – 14
	November 7 – 10	October 17 – 20
XCP Octane Operation	September 12 – 15	
Crankcase Overhaul	July 18 – 21	November 14 – 17
Cetane Maintenance	June 6 – 9	
XCP Cetane Operation	October 3 – 6	

Please use Part Number CFR-Class on all Purchase Orders.

NEW – COVID Requirements

At the time of this service bulletin publication, CFR Engines still requires social distancing in its classroom. Therefore a maximum of 6 students will be allowed per class. CFR Engines will continue to monitor CDC guidelines and will adjust this policy as needed to provide a safe learning environment for students.

General Overview

All classes are given at the CFR facility in Pewaukee, WI. The classroom contains two fully functional engines (Octane and Cetane) for operational training as well as a wide array of tools, audio visuals and components for maintenance and operational training.

Extensive hands-on experience will be provided to all students in each of the courses. Students are encouraged to actively participate in the course and ask questions to promote a better understanding of the material.



Each student will receive supplemental training materials for use during the course and to take back to the workplace. These include the latest version of all CFR-related ASTM test methods, CFR Training Class material, associated CFR Operations and Maintenance Manual, CFR Tool Catalog and CFR product brochures.

Students will be given a test at the end of each class attended. All students will earn "Attended" status with completion of the class and/or test for the class. Students will be required to complete the examinations at the end of each course without use of materials, basic notes or assistance from others.

NOTE: "Attended" certification does not provide any individuals factory authorization to perform maintenance, warranty or service outside of the needs of their immediate company or allow representation of CFR Engines Inc. in anyway. "Factory Certification" can only be obtained through a CFR Authorized Distributorship with CFR Engines Inc. CFR Distributors are the only factory supported entities to provide Genuine CFR service, maintenance and warranty.

Each course starts on Monday and is scheduled for 4 days concluding with a test Thursday afternoon. Monday through Wednesday, classes start at 8:30 a.m. and end at 4:00 p.m. On Thursday, classes start at 7:30 a.m. and students will be returned to the hotel at 4:00 pm or earlier depending on the time needed for the test. The student's travel plans should be arranged according to this schedule.

Every effort will be made to fulfill training schedule deliveries. However, CFR Engines reserves the right to make any schedule changes which, in our opinion, are necessary to preserve the quality and integrity of a class. **A minimum of five (5) students will be required to hold an individual class. Enrollment for each class will be reviewed 60 days prior to the date it will be held. If it is determined that there are not at least five participants, the class will be canceled and enrollees will be notified. Upon notification, students will have the choice of withdrawing from the class or being rescheduled to the next available class of their choice. Substitutions, if available, will be accepted.**

Reservations that are NOT canceled in writing at least 70 days prior to the starting date of the course will result in a full charge for the course fee.

MANDATORY: All students are required to wear safety glasses with side shields as well as safety shoes during hands-on training and are encouraged to bring their own personal safety equipment for comfort and convenience. **Shorts, sandals and open toe footwear will not be permitted. Appropriate casual attire is recommended. NOMEX and or fire retardant clothing is not required.**

Course Fee

The fee for each training course is \$1,950 per student. This covers 4 days of instruction and all supplemental training materials as well as lunch each day of class. This fee does not cover travel and living expenses, which are the sole responsibility of the student. *Transportation is no longer provided by the hotels to CFR Engines. Students are responsible for their own transportation.*

Cancellation

Reservations not canceled in writing at least 70 days prior to the starting date of the course will result in a full charge for the course fee. Substitutions where available are accepted.



Hotel Accommodations

CFR Engines has arranged special rates at several hotels in the area. Please ask for the CFR Corporate Rate if listed below.

Hotel (Website) / CFR Corporate Rate	Address
Double Tree by Hilton Hotel Milwaukee – Brookfield CFR Corporate Rate: \$109/night (incl. breakfast)	18155 W. Bluemound Road Brookfield, WI 53045 (262) 792-1212
Holiday Inn Express & Suites - Milwaukee Brookfield CFR Corporate Rate: \$104/night (incl. breakfast)	115 Discovery Drive Brookfield, WI 53045 (262) 214-5600
Fairfield Inn & Suites - Milwaukee Brookfield CFR Corporate Rate: \$91/night. Cluster code A9425.	135 Discovery Drive Brookfield, WI 53045 (262) 205-4450
Hilton Garden Inn - Milwaukee Brookfield CFR Corporate Rate: \$129/night	265 South Moorland Road Brookfield, WI 53005 (262) 330-0800

Overview of Class Offerings

XCP Octane Operation	This class is designed for lab personnel who need knowledge of the basic function and operation of the CFR Octane Rating Units that utilize XCP Technology and a better understanding of the ASTM D2699 (Research) and D2700 (Motor) test methods.
Octane Maintenance	This class is designed for lab personnel who need further knowledge and experience concerning the top-end overhaul of the CFR Octane Rating Unit, including cylinder, clamping sleeve, and carburetor. <i>Prerequisite:</i> Students taking this course should already have taken Octane Operation or should have some knowledge of the operation of the CFR Octane Rating Unit according to the most current ASTM Methods D2699 and D2700.
XCP Cetane Operation	This class is designed for CFR personnel who need additional knowledge of the basic function and operation of the CFR Cetane Rating Unit and information on the latest D613 test method.
Cetane Maintenance	This class is designed for CFR personnel who need knowledge and experience concerning the top-end overhaul. <i>Prerequisite:</i> Students taking this course should already have taken Cetane Operation or should have some knowledge of the operation of the F5 Cetane Diesel Rating Unit according to the most current ASTM Method D613.
Crankcase Overhaul and Maintenance	This class is designed for more experienced CFR maintenance personnel who need additional knowledge and understanding of the requirements for a complete overhaul of a CFR-48 crankcase. <i>Prerequisite:</i> Students taking this course should already have taken both an Operation and Maintenance course for any of the CFR units respectively. In addition it is highly recommended that students also have some basic knowledge and understanding of micrometers and precision measurement tools for this course.



2022 CFR Engines Training Registration Form (Required information)

Fax this completed form to Lisa Siebert at Compass Instruments, Inc., 630.556.4480 or
send via email to: LSiebert@Compass-Instruments.com

Name _____

Title _____

Company _____

Address _____

City, State ZIP _____

USA Canada

Email _____

Phone _____

Fax _____

Date of Birth _____ **Shirt Size** _____

Check this box if you have any dietary restrictions. Please describe:

Emergency Contact Name _____

Emergency Contact Phone _____

- By checking this box, you confirm that the registrant who will be training at CFR Engines does not have citizenship or residence with, employment by any company of, or intention to use knowledge from training at CFR for, any of the following countries: Cuba, Iran, North Korea, Sudan, or Syria.
NOTE: All registrants will be screened through restricted party lists per CFR Engines, Inc. policy.
- Check this box if you have attended a previous CFR Training Class (existing student).

Course Selection

(~~strike-out~~ indicates full or canceled class)

- | | | |
|-------------------------|--|---|
| Octane Maintenance: | <input type="checkbox"/> May 23 – 26 | <input type="checkbox"/> July 11 – 14 |
| | <input type="checkbox"/> October 17 – 20S | <input type="checkbox"/> November 7 – 10 |
| XCP Octane Operation: | <input type="checkbox"/> September 12 – 15 | |
| CFR Crankcase Overhaul: | <input type="checkbox"/> July 18 – 21 | <input type="checkbox"/> November 14 – 17 |
| Cetane Maintenance: | <input type="checkbox"/> June 6 – 9 | |
| Cetane Operation: | <input type="checkbox"/> October 3 – 6 | |

Payment Information

Please use Part Number CFR-Class on all Purchase Orders.

Purchase Order or CC _____

If CC, Cardholders Name _____

Expiration Date _____ **Security Code** _____

Cardholder ZIP/Postal Code _____