

BMW Engine Technical Update -Mechanical Edition

Instructor:

Jason Maldonado

The evolution of BMW engines, covering the key advancements the brand has made over the years, from their early innovations to today's cutting-edge technology. The mechanics and designs of BMW's four-stroke engines, including the differences between systems like Valvetronic and VANOS. Explore critical systems such as crankcase ventilation, fuel management, and turbo technology, as well as automatic start/stop function and lubrication processes. Understanding these features will be essential for diagnosing and repairing modern BMW engines. Throughout the course, we'll also discuss the proper use of special tools, along with tips and tricks for effective diagnosis and repair.

- 4-Stroke Engines Design and Operation
- Exploring Engine Mechanics and Designs (Past and Current)
- Fundamentals and Understanding the Difference Between Valvetronic and VANOS
- Crankcase Ventilation Design & Diagnosis
- Fuel Management Design, Operation, Diagnostics and Common Failures
- Turbo Technology Boost Management & Diagnosis
- Automatic Start/Stop Function, Lubrication Processes, and More
- Special Tools Function and Proper Use
- Tips and Tricks for Diagnosis and Repairn

Saturday 5/3/25

8am to 5pm

Code: **SEM1920**

Cost: **\$385 USD**

Per Student



Courtyard Montreal Airport 7000 Pl. Robert Joncas Montreal, QC H4M 2Z5







Ihe secrets to financial freedom and leading your team to success. Spend a day with us and make running your business easier and more profitable. A step-by-step playbook for running a profitable repair shop.

- ✓ Key Numbers to Know and Track
- Profitability Analysis, Labor and Parts Profits, Technician Productivity
- Employee Compensation and Pay Plans
- Hiring and Retaining Great People Company Culture
- Bringing in New Business Marketing, Advertising, Branding, Social Media

Make a decision TODAY to attend this lifechanging class and take your business to the next level.

Saturday 6/21/2025

8am to 5pm

Code: BD3463 Cost: \$395 USD Per Student









Imagine a shop where the team works seamlessly together, customers rave about your service, and the atmosphere is electric. Ready to transform your shop into the place everyone loves working and every customer loves visiting?

- Practical tips for enhancing communication and fostering teamwork
- ✓ Lead efficient meetings that maximize productivity
- Proven strategies for building a cohesive team that collaborates effortlessly
- Expert techniques for handling customers like a pro and earning their loyalty
- Conflict resolution strategies that eliminate awkwardness and maintain harmony

Join Sara Fraser and Tracy Capriotto for this dynamic, hands-on course and turn your shop into the go-to destination for both top talent and loyal customers.

Wednesday 10/1/2025

6pm to 8pm PDT

Code: OLT469 Cost: \$95 USD Per Student



