

# Advanced Alignment Level III



**Location:**  
**Portland Community College**  
**12000 SW 49<sup>th</sup> Ave**  
**Portland OR 97219**  
**Class Times 1-7 pm**

## LEVEL III: May 3-4 2018 (2 Day Advanced Class)

This course is designed for an “experienced” alignment technician. Instruction covers in-depth equipment operation including advanced diagnostic procedures, steering and suspension system related problems, specialized OEM adjustment schemes and other alignment related diagnostic procedures. Course consists of a combination of classroom lectures and hands-on shop training.

### LEARNING OBJECTIVES:

By the end of the course, the participant will be able to:

- ✓ Describe in-depth principles of camber, caster, toe and thrust angle.
- ✓ Describe in-depth principles of S.A.I / Included Angle, Setback, Turning Angle and Maximum Steer Angle.
- ✓ Identify potential alignment related problems from equipment printouts.
- ✓ Perform advanced diagnostic procedures and formulate solutions using Hunter alignment equipment.
- ✓ Describe how torque steer, memory steer and bump steer may affect vehicle handling.
- ✓ Describe the influence of “ride control” and four-wheel steering systems on alignment procedures.
- ✓ Describe steering and suspension system related problems.
- ✓ Review specialized OEM adjustment procedures.

### PREREQUISITES:

At least one year of “hands on” alignment experience using Hunter equipment and the successful completion of the Hunter Alignment Fundamentals (Level I) or Intermediate Alignment (Level II) courses.

### TARGET AUDIENCE:

Experienced Alignment Service Associates

### COST:

\$425.00 per student

### TAKE This class WITH LEVEL II : Intermediate ALIGNMENT

This course may be taken in combination with Intermediate Alignment – Level II course for \$615.00. (\$110.00 savings).

Register At [hunterengineering.com](http://hunterengineering.com)



### Class Information

**Instructor: Bob Graham**  
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**Phone:** (480)292-2425  
(Please leave voice mail if no answer.)

Class times are from 1-7 pm