



## The industry's #1 second source for ASML repair & rebuild services.

### Customized Training

#### Course Overview

Modularized courses were designed to meet specific customer needs. Each course is divided into lessons that will show students how to prepare for the learned activity, implement the activity, and finalize (setup). These courses are appropriate for equipment engineers, maintenance technicians, process engineers and more advanced engineers or technicians that need an understanding of replacement and setup knowledge. In addition, all course topics can be modified to meet customer requirements. The courses take place in our 1,500 SF Cleanroom environment in Vancouver, WA utilizing our 5500 Series Stepper and Scanners.

EO Technical hosts 15 Training sessions each year. Many Engineers / technicians return for multiple training sessions to learn more from our resident experts.

#### Sample Course Syllabus

- |                                |      |
|--------------------------------|------|
| 1. Epin guide rail replacement | Day1 |
| 2. Actuator replacement        | Day2 |
| 3. Cam replacement             | Day2 |
| 4. SWS HP laser replacement    | Day3 |
| 5. SRS HP laser replacement    | Day3 |
| 6. NA motor replacement        | Day3 |
| 7. Green Laser replacement     | Day4 |
| 8. Signal tracing              | Day4 |
| 9. ARMS setup                  | Day5 |

\*Coursework can be modified per customer requirements.

#### Who should attend

Equipment/Process Engineers/ Technicians who are familiar with ASML steppers and scanners

#### Cost

• \$7,500 / engineer (1 - 3 engineers)

\*Course does not include flight, hotel or expenses.



Class 1000 Cleanroom: ASML 5500/500 , 5500/5500, 5500/22, and 5500/200

#### Duane Quade

Duane has 20+ years experience in equipment engineering and photolithography with ASML, STMicroelectronics, Maxim and Fairchild Semiconductor. His roles have included Supervisor for Photo Equipment Engineering, Engineering Manager for Photolithography & Metrology and Global Manager for Manufacturing Engineering.

#### David Hester

David is the newest addition to the EOTS Engineering Team. He started his career as a Field Service Engineer for Nikon, then went to work for ASML as a customer support engineer III. For the last 8 years David has worked for NXP (Freescale) and has gained extensive experience on a variety of scanners.

#### Matt Young

Matt has worked in the semiconductor industry for 15+ years. He came to EOTS with over 13 years of ASML field experience including 8 years as the NW Zone Technical Support Expert on the 5500 series and the Western USA Competency Expert for Mechatronics.

#### Gustavo Jimenez

Gustavo has 15+ years of ASML field service support. Prior to coming to EOTS he was a Senior Engineer at Maxim Integrated where his primary duty was to manage over 20 ASML Steppers.



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