

# ZEISS CALYPSO TRAINING OVERVIEW

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- Ryan Stauffer
- Regional Applications Manager – East
  
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# ZEISS Training Classes

## Information and Agendas

### CALYPSO Basic

Click for Information

Info

Agenda

- Standard Software (no options)
- Lab Exercises on Live Machine

### CALYPSO Advanced

Click for Information

Info

Agenda

- Standard Software (no options)
- Lab Exercises on Live Machine

### CALYPSO Expert

Click for Information

Info

Agenda

- Standard Software (no options)
- Lab Exercises on Live Machine

### CALYPSO Curve

Click for Information

Info

Agenda

- Curve Option Required
- Lab Exercises on Live Machine

### CALYPSO Freeform

Click for Information

Info

Agenda

- Freeform Option Required
- Lab Exercises on Live Machine

### CALYPSO GD&T

Click for Information

Info

Agenda

- Standard Software (no options)
- Offline Labs – No Machine Req'd

### CALYPSO PCM

Click for Information

Info

Agenda

- PCM Option Required
- Lab Exercises on Live Machine

### PiWeb Reporting

Click for Information

Info

Agenda

- Standard Software (no options)
- Offline Labs – No Machine Req'd

### AUKOM

Click for Information

Info

Agenda

- No software required
- Lectures with Certificate Exam

<b>TRAINING EXPERIENCE COMPARISON</b>	<b>Traditional Classroom Training</b>	<b>Live Online Training</b>	<b>Live Online Training @ Charlotte QEC</b>	<b>Onsite Training @ Customer Facility</b>
<b>What is the class schedule?</b>	<p>The students complete all teaching lessons and activities together. If one group finished early, they wait for other groups to complete the exercise before the entire group moves on to the next topic.</p>	<p>Teaching sessions are at fixed times. Labs can be completed at any time before the next teaching session. Students can take more or less time as needed individually so students can work at their own pace.</p>	<p>Teaching sessions are at fixed times. Labs must be completed during business hours but are not during set timeframes. More or less time can be used as needed on an individual basis for students to work at their own pace. If labs are completed early and more time is available, students are encouraged to use the machines for additional practice during class hours.</p>	<p>Schedule is more flexible, but still must follow ZEISS standard curriculum. Instructor and students are more prone to distractions than in other training formats.</p>
<b>What is the instruction format?</b>	<p>Traditional classroom training where the instructor is with students in the classroom and teaches the topics to the group.</p>	<p>The Instructor teaches remotely via the GoToTraining web service. The instructor teaches and demonstrates live on a machine broadcast by several different cameras. Polls, Quizzes, Chats, and Q&amp;A are important parts of the Live Online Training experience every student must participate in. Students participate in class anywhere with an internet connection, preferably in a quiet area at their desk or conference room away from the CMM.</p>	<p>The Instructor teaches from the Charlotte Center, but not in the Classroom. Students participate on their own computer in the ZEIS classroom with remote students across the country. Interactive Polls, Quizzes, Chats, and Q&amp;A are important parts of the Live Online Training experience every student must participate in.</p>	<p>Students typically learn around one machine in the customer’s environment with the instructor at the machine. The environment must be conducive to learning with minimal distractions.</p>
<b>How many students per machine?</b>	<p style="text-align: center;"><b>2</b></p> <p>Two Students per machine – possibly from different companies. Labs are a group effort, with teacher available to help.</p>	<p style="text-align: center;"><b>1 or 2</b></p> <p>One or Two co-workers at customer facility, working on their machine. Teacher is available to help remotely via screenshare, text, phone call, web meeting, etc.</p>	<p style="text-align: center;"><b>1</b></p> <p>Labs to be completed independently by the student on their own machine. Teacher is available to help in classroom as needed.</p>	<p style="text-align: center;"><b>1 or 2</b></p> <p>One or Two co-workers at customer facility, working on their machine. The teacher is always with students at the machine as well.</p>

CLASS OFFERINGS	Wixom	Maple Grove	Charlotte	Boston	Chicago	Lake Forest	Live Online	Live Online @ Charlotte	Onsite @ Customer
CALYPSO Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓
CALYPSO Advanced	✓	✓	✓	✓	✓	✓	✓	✓	✓
CALYPSO Expert	✓	✗	✗	✗	✗	✗	✓	✓	✗
Curve	✓	✓	✗	✗	✗	✗	✓	✓	✓
Freeform	✓	✓	✗	✗	✗	✗	✓	✓	✓
PiWeb Reporting	✗	✗	✗	✗	✗	✗	✓	✗	✗
CALYPSO GD&T	✗	✗	✗	✗	✗	✗	✓	✗	✗
PCM	✓	✗	✗	✗	✗	✗	✓	✓	✓
CALYPSO Basic (O-I)	✓	✓	✗	✗	✗	✗	✗	✗	✗
O-Inspect Optics	✓	✓	✗	✗	✗	✗	✓	✗	✓
ViScan	✗	✗	✗	✗	✗	✗	✗	✗	✓
Linescan	✗	✗	✗	✗	✗	✗	✗	✗	✓
GearPro	✗	✗	✗	✗	✗	✗	✗	✗	✓
Planner/Simulation	✗	✗	✗	✗	✗	✗	✓	✗	✗
Rotary Table	✗	✗	✗	✗	✗	✗	✗	✗	✓
AUKOM Series	✓	✓	✗	✗	✗	✗	✓	✗	✓

TYPICAL CLASS SCHEDULE	Traditional Classroom	Live Online Training	Live Online @ Charlotte	Onsite @ Customer
CALYPSO Basic CALYPSO Advanced CALYPSO Expert	<b>4 days (28 hours)</b> 8:30-5:00 Local Time Mon-Thr Approximately 7 hours/day of instruction and lab activities	<b>5 days (28 hours)</b> Instruction 10-11:30 EST Mon-Fri Instruction 2:30-4:00 EST Mon-Thr Approximately 3 hours/day on lab assignments – Flexible hours	<b>5 days (28 hours)</b> Instruction 10-11:30 EST Mon-Fri Instruction 2:30-4:00 EST Mon-Thr Approximately 3 hours/day on lab assignments – Flexible hours	<b>4 days (28 hours)</b> Approximately 7 hours/day of instruction and lab activities
PiWeb Reporting CALYPSO GD&T	N/A	<b>5 days (14 hours)</b> Instruction 10:30-11:30 EST Mon-Fri Instruction 2:30-3:30 EST Mon-Thr Approximately 1 hour/day on lab assignments – Flexible hours	N/A	N/A
Curve	<b>3 days (21 hours)</b> 8:30-5:00 Local Time Mon-Wed Approximately 7 hours/day of instruction and lab activities	<b>5 days (21 hours)</b> Instruction 10-11:00 EST Mon-Fri Instruction 2-3:00 EST Mon-Thr Approximately 2.5 hour/day on lab assignments – Flexible hours	<b>5 days (21 hours)</b> Instruction 10:30-11:30 EST Mon-Fri Instruction 2:30-3:30 EST Mon-Thr Approximately 1 hour/day on lab assignments – Flexible hours	<b>3 days (21 hours)</b> Approximately 7 hours/day of instruction and lab activities
Freeform	<b>2 days (14 hours)</b> 8:30-5:00 Local Time Thr-Fri Approximately 7 hours/day of instruction and lab activities	<b>3 days (14 hours)</b> Instruction 10-11:30 EST Mon-Wed Instruction 2:30-4:00 EST Mon-Tue Approximately 3 hours/day on lab assignments – Flexible hours	<b>3 days (14 hours)</b> Instruction 10-11:30 EST Mon-Wed Instruction 2:30-4:00 EST Mon-Tue Approximately 3 hours/day on lab assignments – Flexible hours	<b>2 days (14 hours)</b> Approximately 7 hours/day of instruction and lab activities
PCM	<b>3 days (21 hours)</b> 8:30-5:00 Local Time Mon-Wed Approximately 7 hours/day of instruction and lab activities	<b>5 days (21 hours)</b> 30-Min Instruction Sessions Mon-Thr at 9:30, 11:00, 1:30, and 3:00 EST Approximately 30-Min activities after each Instruction Session Final Project and Review Friday: 5 hrs	<b>5 days (21 hours)</b> 30-Min Instruction Sessions Mon-Thr at 9:30, 11:00, 1:30, and 3:00 EST Approximately 30-Min activities after each Instruction Session Final Project and Review Friday: 5 hrs	<b>3 days (21 hours)</b> Approximately 7 hours/day of instruction and lab activities

TYPICAL CLASS SCHEDULE	Traditional Classroom	Live Online Training	Live Online @ Charlotte	Onsite @ Customer
AUKOM I AUKOM II	5 days (28 hours) 8:30-4:30 Local Time Mon-Thr 8:30-10:30 Local Fri Approximately 7 hours/day of instruction – Exam on Friday	5 days (28 hours) Instruction 9:30-5:00 EST Mon-Thr Instruction 9:30-1:30 EST Fri Hours above include breaks and final exam.	N/A	4 days (28 hours) Approximately 7 hours/day of instruction. Exam Last Day.
AUKOM GD&T	N/A	3 days (21 hours) Instruction 9:30-5:00 EST Mon-Wed Hours above include breaks and final exam.	N/A	N/A
O-Inspect Optics	2 days (14 hours) 8:30-5:00 Local Time Mon-Tue Approximately 7 hours/day of instruction and lab activities	3 days (14 hours) Instruction 9:30-11:00 EST Mon-Tue Instruction 1:30-3:00 EST Mon-Tue Approximately 1 hour/day on lab assignments – Flexible hours	N/A	2 days (14 hours) Approximately 7 hours/day of instruction and lab activities
Planner/Simulation	N/A	2 days (12 hours) Instruction 9:30-10:30 EST Mon-Tue Instruction 1:30-3:30 EST Mon-Tue Approximately 2 hour/day on lab assignments – Flexible hours	N/A	N/A
ViScan LineScan GearPro Rotary Table	N/A	N/A	N/A	2 days (14 hours) Approximately 7 hours/day of instruction and lab activities



Seeing beyond