

## SmartScope Academy ZONE3 Course Summary

Module	Duration (Video file in minutes)
1.1 How To Power Up The System	1:37
1.2 Joystick Control for Lighting	1:25
1.3.1 Video Controls - Basic Lighting Group	0:58
1.3.2 Video Controls - Presets	1:13
1.3.3 Video Controls - Named Lighting Set	1:50
1.3.4 Video Controls - SmartRing Light (SRL)	2:36
1.3.5 Video Controls - Pseudo Colour	0:39
1.3.6 Video Controls - Saturation Threshold	1:13
1.3.7 Video Controls - Frame Integration	0:53
1.3.8 Video Controls - Light Meter	0:52
<u>2.1 Part Setup Without CADPage</u> 2.1.1 1st Method - Digital Readout (DRO) Window	2:38
<u>2.1 Part Setup Without CADPage</u> 2.1.2 2nd Method - Machine Alignment	4:29
<u>2.2 Part Setup With CAD</u> 2.2.1 1st Method - Digital Readout (DRO) Window	2:45
<u>2.2 Part Setup With CAD</u> 2.2.2 2nd Method - Machine Alignment	3:00
2.3 Part Setup Instruction	1:43
2.4 Understanding 2D Training Sample drawing with Part Setup & Datum Definition	-
3.1 Full Alignment with CAD	7:08
4.1 6 Basic Steps for Datum Setup Using 2D Training Part	2:06
5.1.1 Circle Target	1:47

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Module	Duration (Video file in minutes)
5.1.2 Crosshair Target	1:40
5.1.3 Protractor Target	1:17
5.1.4 Point Entry	1:21
5.2.1 FeatureFinder	1:20
5.2.2 Strong Edge	2:49
6.1 Construct Width	1:21
6.2 Construct Distance	2:47
6.3 Construct Angle	1:20
6.4 Construct Point	2:41
6.5 Construct Line	1:03
7.1 Model Window	4:42
8.1 Starting, Saving and Opening a New Project	2:38
8.2 Running and Stopping a Routine	1:45
8.3 Routine Search	4:53
9.1 Nominals & Tolerances	4:12
9.2.1 Result Browser	4:19
9.2.2 File Output	2:32
10.1 Adjusting Finders	4:01
10.2 Adjusting Steps	2:55
10.3 Update Selected	2:03
11.1 Linear Copy	3:03

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Module	Duration (Video file in minutes)
11.2 Polar Copy	4:36
12.1 Using Focus Tool	1:40
12.2 Using Focus Finder	1:35
12.3.1 Obtain Z Height by Constructing Distance	2:19
12.3.2 Obtain Z Height by Translating Alignment	2:16
12.3.3 Obtain Z Height by Measuring Two Planes	2:47
13.1 Flatness	1:56
13.2 Position	3:05
13.3 Angularity	2:19