

## PPT Vision – Regional Training

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| <p><b>8:00 – 11:30</b></p> <p><b>IMPACT Installation</b><br/>- IMPACT Setup.</p> <hr/> <p><b>Emulator &amp; Utilities</b><br/>- Starting an Emulator<br/>- Loading images.<br/>- File Manager.</p>   | <p><b>8:00 – 11:30</b></p> <p><b>VPM Tools</b><br/>- Contour (as a locator)<br/>- Contrast<br/>- Pass/Fail<br/>- Discrete Output</p> <p>(Oil Cap)</p>  | <p><b>8:00 – 11:30</b></p> <p><b>CPM Design Mode Basics</b><br/>- Create control panels<br/>- Drag &amp; Drop basics<br/>+ Get Data<br/>+ Set Data<br/>+ Methods</p> |
| <b>Break</b>   | <b>Break</b>   | <b>Break</b>   |
| <p><b>Lighting &amp; Optics Overview</b><br/>- Lighting Knowledge<br/>- Lighting Techniques</p> <p>- Optics Knowledge<br/>- Standard/Telecentric<br/>- Distortion<br/>- Perspective<br/>- DOF</p>  | <p><b>VPM Tools</b><br/>- Origin (locator)<br/>- Line Gauge (repeat)<br/>- Pass/Fail<br/>- Discrete Output</p> <p>(Pin Measurement)</p>  | <p><b>CPM Continued</b><br/>- More CPM Controls</p>  |
| <p><b>11:30 – 12:30</b><br/><b>Lunch</b></p>   | <p><b>11:30 – 12:30</b><br/><b>Lunch</b></p>   | <p><b>11:30 – 12:30</b><br/><b>Lunch</b></p>   |
| <p><b>12:30 – 4:00</b></p> <p><b>VPM Design Mode Basics</b><br/>- Design Mode Features<br/>+ Image Display<br/>+ Creating Tasks<br/>+ Task Triggering<br/>+ Adding Tools<br/>+ Tool Setups<br/>+ Tool Properties<br/>- Display Tab<br/>(Vial Counting)</p> | <p><b>12:30 – 4:00</b></p> <p><b>VPM Tools</b><br/>- Blob (locator)<br/>- Circle Gauge<br/>- Pass/Fail<br/>- Discrete Output</p> <p>(Rubber Valve)</p>   | <p><b>12:30 – 2:00</b></p> <p><b>Wrap Up</b><br/>- Review Applications<br/>- Q &amp; A</p>   |
| <b>Break</b>   | <b>Break</b>   |  |
| <p><b>VPM Tools</b><br/>- Morphology Tools<br/>- Blob<br/>- Pass/Fail<br/>- Discrete Output</p> <p>(Vial Counting with Morph)</p>  | <p><b>VPM – More Tools</b><br/>- Data Instance / Set<br/>- Call Tasks<br/>- Sort &amp; Loop Tools<br/>- Clip ROI<br/>- Image Stitching<br/>- Peak Valley<br/>- Color Processing<br/>- OCR, Barcode, DataMatrix</p> |  |