

# JSTD-001F CIS Course Outline

| Module                                   | Hour 1                                       | Hour 2  | Hour 3  | Hour 4                                | Lunch | Hour 5               | Hour 6                     | Hour 7              | Hour 8               |
|--|--|---|---|---------------------------------------|-------|----------------------|----------------------------|---------------------|----------------------|
| 1<br>Introduction and Basic Requirements | Introduction                                 | Policies and Procedures                             | Basic Requirements                            | Basic Requirements                    |       | Basic Requirements   | Final Exam                 | Final Exam          |                      |
|  | Policies and Procedures                      |   |   |                                       |       |                      |                            |                     |                      |
| 2<br>Wires & Terminals                   | Wire & Terminal Assembly & Soldering Lecture | Wire & Terminal Assembly & Soldering Lecture/Review | Final Exam                                    | Wire & Terminal Demo/Lab              |       | Wire & Terminal Lab  | Wire & Terminal Lab        | Wire & Terminal Lab | Optional Make-up Lab |
| 3<br>Through-Hole Technology             | Through Hole Mounting & Terminations Lecture | Through Hole Mounting & Terminations Lecture/Review | Final Exam                                    | Component Prep/Mounting Demo/Lab      |       | PTH Lab              | PTH Lab                    | PTH Lab             | Optional Make-up Lab |
| 4<br>Surface Mount Technology            | Surface Mounting of Components Lecture       | Surface Mounting of Components Lecture              | Surface Mounting of Components Lecture/Review | Final Exam                            |       | SMT Demo/Lab SMT Lab | SMT Lab                    | SMT Lab             | Optional Make-up Lab |
| 5<br>Inspection Methodology              | Inspection Methodology Lecture               | Inspection Methodology Lecture                      | Inspection Methodology Lecture                | Inspection Methodology Lecture/Review |       | Final Exam           | Inspection Skills Demo/Lab | Inspection Lab      | Optional Make-up Lab |