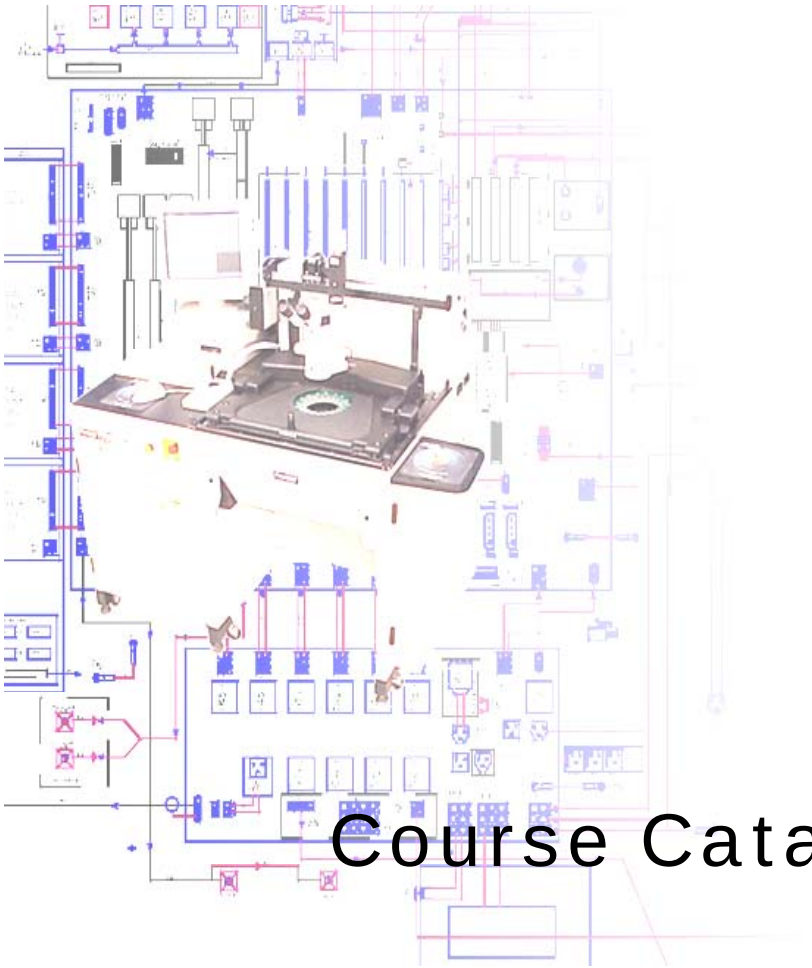
PROBILT™

Instructional Workshop



Course Catalog

LIMITED WARRANTY

Integrated Technology Corporation warrants its products against defects in materials and workmanship for a period of one year from the date of shipment.
Integrated Technology Corporation will, at its option, repair or replace products, which prove to be defective during the warranty period provided they are returned to Integrated Technology Corporation, and provided proper preventive maintenance and use procedures as listed in the manual were followed. Repairs caused by misuse of the product are not covered by this warranty.

NO OTHER WARRANTIES ARE EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
INTEGRATED TECHNOLOGY CORPORATION IS NOT LIABLE FOR CONSEQUENTIAL DAMAGES.

Permission must be obtained directly from factory for warranty repair returns. No liability will be accepted if returned without such permission.

Warranty repair is at the Integrated Technology Corporation selected site and at the Integrated Technology Corporation option.

SOFTWARE DISCLAIMER

This software and the Reference Manual are distributed and licensed 'as is' without a guarantee or representation of the correctness, accuracy, reliability, currentness or otherwise. This program is not warranted to meet your requirements or that the operation of the program will be uninterrupted or error free.
The entire risk of results, quality and performance is assumed by the registered owner of record. If defective, the registered owner of record assumes the entire cost of damages, business interruptions, loss of profits, and loss of information.
Integrated Technology Corporation, dealers, distributors, and agents of this software shall not be responsible or liable for any losses arising from the use, misuse, or inability of this product to perform any given function. Information in the operator's manual is subject to change with out notice and does not represent a commitment by Integrated Technology Corporation.

TRADEMARKS

PROBILT is a trademark of Integrated Technology Corporation.
Patents: 5,657,394 6,118,894
IBM, PC/AT are registered trademarks of International Business Machines Corporation.
EXCEL and Windows NT are registered trademarks of Microsoft Corporation.
BLOB is a registered trademark of Volant Systems, Inc.
Jaz is a registered trademark of Iomega Corporation.

Probilt Instructional Workshop Scheduling

Course	Description	Course Time
(A) Configuration	The Overview is delivered in a classroom environment. The students will learn basic software operation and have hands on exercises using Probilt simulation software.	6 hours
(B) Testing and Repairing	Focus is on testing probe cards, interpreting test data, and using the Probilt Analyzer for probe repair.	9 hours
(C) Test Program	Focus is on the creation of style and card files.	6 hours
(D) Calibration and Maintenance	Focus is on calibration of the Probilt Analyzer and routine/preventative maintenance.	4 hours
(E) Student Evaluation	Each student will be evaluated against stated learning objectives.	4 hours

Workshop hours will be scheduled from 9am until 4pm each day. The instructor, using his/her judgment may add additional hours to the class if it is felt that the additional time is required for the students to meet the learning objectives.

The Probilt Instructional Workshop is a five-day course, consisting of four modules. Optimum number of students per session is four (4).

Additional students may be added only after special arrangements have been made with Integrated Technology Corporation.
Note: Add one day for each additional student in excess of four.

Prerequisites

Each student is expected to meet defined prerequisite skills in order to optimize the learning process during the workshop. The purpose of the prerequisite skills is to place all students on “common ground”

Prerequisite skills for the Instructional Workshop are:

- Experience in probe card analysis
- Experience in probe card repair
- A demonstrated ability to use a computer
- A demonstrated ability to navigate through Windows™
- A demonstrated ability to use Excel by Microsoft® or other spread sheet products

If a student cannot meet all of the prerequisites stated above, the length of the course may need to be extended to bring all students to an equal starting point.

Requirements for Workshops at Customer’s Site

To ensure that Integrated Technology Corporation delivers the most effective workshop possible, the following items are required:

- A training/conference room with white board, flip charts, and computer screen projector
- Minimum of three probe cards to test along with x,y coordinates for each probe card (coordinates may be on hard copy or on computer file)
- A probe card with a few probe tips to be used for ongoing camera calibration

Optional Requirement

Training room having multiple computers with Windows™ and Microsoft® Excel loaded.

Learning Objectives

At the Beginning of each module, the learning objectives for the module will be explained. Each student will be expected to demonstrate competency in performing the tasks associated with each of the learning objectives.

Evaluation

Each student will be evaluated on a strength-based scale against the objectives for each module. The data collected will be provided to the student for personal records, the student’s supervisor, and to Integrated Technology Corporation to aid in continuous improvement of the Instructional Workshop.

Certification

A Certificate of Training will be presented to each student completing the Instructional Workshop. This does not certify the student as an expert in Probilt operations.

If arranged, Integrated Technology Corporation will assist the customer in developing a certification course to be administered by the customer or by ITC.

Tentative Workshop Structure

	Day 1	Day 2	Day 3	Day 4	Day 5
9am to Noon	• Introductions • Configuration using simulation software	• Testing and Repairing using Probilt Analyzer	• Test Program	• Calibration and Maintenance	• Testing and Repairing using Probilt Analyzer
1pm to 4pm	• Testing using Probilt simulation software	• Testing and Repairing using Probilt Analyzer	• Test Program	• Testing and Repairing using Probilt Analyzer	• Student Competency Evaluations • Wrap up

Introductions

- Instructor background
- Student title, responsibilities, and length on the job

Expectations

- Each student will say what he or she expects to gain from the completion of the workshop.
- The instructor will respond to the student expectations if they are outside the scope of the workshop.

Ground Rules

- Sessions will begin on time. Students must return from breaks at the times designated by the instructor.
- Pagers and cell phones must be set to vibrate mode
- If time is missed, it is the responsibility of the student to arrange time with the instructor to make up missed material.
- The student must attend all classes to receive a certificate of completion. Excessive absence or tardiness may result in dismissal from workshop.
- If a question can not be immediately answered by the instructor, the instructor will try to get the issue resolved at the next break but may need to wait until the next morning.

Probilt Instructional Workshop Scheduling

Course Descriptions and Learning Objectives

Configuration

Configuration will cover in detail, the basic functionality of the Probilt software using the Probilt Simulation Software. Configuration will also provide the necessary details to test a card, interpret test results, and extract data from the databases.

Upon completion of this module, the student will be able to:

- *Demonstrate how to assign, edit, and delete users and profiles.*
- *Explain the data fields in User, System, and Calibration Preferences.*
- *Demonstrate how to test and retest a card using the simulation software.*
- *Demonstrate navigation through the test results and test repair screens*
- *Explain how to interpret test results*
- *Demonstrate how to extract data from the Probilt databases*

Testing and Repairing

This module will demonstrate preparation and procedure for performing the tests associated with Probilt. This module will explain the screens used and their data elements.

Upon completion of this module, the student will be able to:

- *Describe the features of Probilt*
- *Locate and define the purpose of all major functional components.*
- *Explain the tests performed by Probilt*
- *Prepare Probilt for a probe card test.*
- *Demonstrate how to perform a probe card test.*
- *Demonstrate how to read and interpret test results.*
- *Demonstrate how to use Probilt for probe repair.*
- *Demonstrate how to set Probilt system defaults.*

Test Program

This module demonstrates the procedures and methods required to create Style Files and Test Programs.

Upon completion of this module, you will be able to:

- *Explain the components and purpose of a Style File.*
- *Demonstrate the ability to create a Test Program and test a card against the file.*
- *Demonstrate the ability to add notes or comments to a Test Program*
- *Demonstrate the ability to update styles/Test Programs.*
- *Demonstrate how to import card data into file templates.*
- *Demonstrate how to modify a test program to meet special specifications.*

Calibration and Maintenance

This module will detail how Probilt is calibrated, preventative maintenance steps, and routine maintenance.

Upon completion of this module, the student will be able to:

- *Demonstrate how to calibrate Probilt for testing.*
- *Locate and define all areas to be calibrated.*
- *Define when calibration should take place.*
- *Locate and define all areas that require routine maintenance.*
- *Define the routine maintenance schedule.*
- *Demonstrate the ability to perform routine maintenance.*