Hand Soldering
Fact Sheet

Certifying Organization	IPC Association Connecting Electronics Industries
Description of Credentials	Hand Soldering Using both lead and lead-free alloys, Hand Soldering Operator Certification introduces the basics of soldering in Wires & Terminals, Through-Hole and Surface Mount Technologies and Rework. Students will learn about electrostatic discharge, industry terminology, equipment familiarization and the accept/reject criteria for all three technologies
Entry-Level Annual Salaries	The average pay for a Soldering Technician is $14.07 per hour (Median)
CTE Program Alignment	

Industry-Based Certification Requirements: Students						

Standard / Curriculum	Workshops are course specific and help teachers develop a curriculum and syllabus that is appropriate for an AP level class.					
Testing Methodology *(consists of two tests)*	**Paper?**	Yes	**Online – Cognitive portion**	Yes	**Performance Exams / Tests? Psychomotor portion**	No
Re-Testing (if available)	**Re-Testing Procedures:**	An individual who completes the CIT course, but does not successfully complete the certification examination(s) at the completion of the course, on request of such an individual, shall be provided the opportunity to retest the failed portion(s) of the certification written examination or an individual workmanship project, if completed within 90 days following the original testing. A retest will be administered no sooner than thirty (30) days after the date of the initial test except as otherwise authorized by the IPC Certification Program Office. No Training Center is required to permit any individual to take more than a single retest in the 90-day retest period. At the discretion of the MIT, retesting may be limited to only the specific written examination or workmanship projects that were previously failed at no additional charge for the first retest of an individual module. After the first retest, exams through the portal will be charged an additional fee.		**Max # of Attempts Allowed:**	1	
Testing Details (including any age requirements / accommodations)	A CIT challenge test will involve the applicant satisfactorily completing the same examinations and skills demonstration(s) required of those taking the classroom course. It is not acceptable for a CIT to challenge test for a certification or recertification by completing less workmanship projects than the classroom course they are challenging. Individuals challenging recertification shall successfully complete at least the minimum number of projects of the classroom recertification					

	class. http://www.ipc.org/4.0_Knowledge/4.2_Training_Cert/ProfTrainCertPolicy-EN.pdf

Industry-Based Certification Requirements: Teachers	
Instructor Certification Requirements (by certifying agency)	agreement by e-signature when accessing the Online Certification Portal. Instructors are required to access the Certification Portal at http://certification.ipc.org and indicate by e-signature an understanding of, and agreement to the Policies and Procedures herein.
Proctoring / Test Security (if any)	All workmanship skills demonstration projects and electronic examinations for both classroom and challenge testing shall be proctored in person by anMIT or CIT for that program except as allowed for DISTANCE LEARNING. Trainers are required to monitor workmanship practices during practice and graded projects to correct bad habits and reinforce good habits.

Certification Tracking				
Credentialing Documentation	(J-STD-001 and IPC-7711/7721) MITs and CITs			
Certification Tracking System	**Online Tracking System?**	Yes	**Details**	Online Certification Portal
Other Details	**Expiration Timeline?**	Upon successful completion of all Program requirements an electronic certificate can be generated by the individual who completed the course through the use of the online certification site tools.		

Certification Costs / Funding Sources	
Cost Details	$65 IPC Member
Re-test / Refund Policies	http://www.ipc.org/4.0_Knowledge/4.2_Training_Cert/ProfTrainCertPolicy-EN.pdf

For More Information	
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