

AP100 CAD & Dr. ABE Blank CAM - LASER Training Schedule

Day	Time	Topic	Contents
1st Day	8:45 ~ 09:00	Introduction	Introduction and Facility orientation
	09:00 ~ 09:45	Windows OS & AP100 Introduction	Application Start-up, Mouse Operation & AP100 On-line Manual & How to Use doc.
	09:45 ~ 10:45	Parameter Manager Settings for CAD	AP100 Main Menu, Material Definition & Bend Deduction (simple and K-Factor)
			Break (15 mins.)
	11:00 ~ 12:00	AP100 CAD Screen outline	Screen Overview, Co-Ordinate System, Specification Setup
	12:00 ~ 13:00	AP100 CAD - Exercise 1 (SAMPLE-A)	Process Setup -> Face Creation -> Face Attachment -> 3D Modification -> Merge data -> Save Data
			Lunch Break (1 Hrs.)
	14:00 ~ 14:30	Hole Pattern	Single Hit, LAA, ARC, BHC, GRID-X & GRID-Y
	14:30 ~ 15:00	Bending Parameter	Face Extrusion & Attachment Dialogue box
	15:00 ~ 15:45	3D Modification	Output
			Break (15 mins.)
		16:00 ~ 17:15	Practice Session
		Q & A	
2nd Day	09:00 ~ 09:15	Review	Course Review
	09:15 ~ 09:45	Import e-Data (DXF/DWG)	Graphic transformation Setting, Scale Verification, Layer Setup & Supported file formats
	09:45 ~ 10:45	AP100 CAD - Exercise 2 (Y-001)	Process Setup -> Import DXF -> Face Extraction -> Face Attachment -> 3D Modification -> Merge data --> Save Data
			Break (15 mins.)
	11:00 ~ 12:00	Practice Session	AP100 CAD Practice (Using DXF data)
	12:00 ~ 12:15	Special Hole Recognition (Y-001-01)	SP hole creation in DXF data, Export to DXF & Conversion Setting for Special Hole recognition
	12:15 ~ 13:00	Practice Session	AP100 CAD Practice (Using DXF data)
			Lunch Break (1 Hrs.)
	14:00~15:45	Practice Session	Exercises - Std. Drawing & Customer Drawings
			Break (15 mins.)
	16:00 ~ 17:00	Practice Session	Exercises - Std. Drawing & Customer Drawings
	17:00 ~ 17:15	Q & A	Q&A session
3rd Day	9:00 ~ 10:00	Basic Machine Specification	Machine, Oscillator, NC Controller, Peripherals, etc.,
	10:00 ~ 10:45	Chapter I : Basic Flow	Data Input from SDD & DXF/DWG files, Nesting Schedule/planning Nesting Execution
			Break (15 mins.)
	11:00 ~ 11:30	Contd...	Simulation and Save NC data (SDD/File), Report output and Print
	12:30 ~ 13:00	Practice Session	Practicing Basic flow, Modification on Nesting Schedule details Nesting result/Execution, NC creation, Data Save and Report output
			Lunch Break (1 Hrs.)
	14:00 ~ 15:00	Chapter II : System Setting	Machine Registration, Material Registration
			Break (15 mins.)
	15:45 ~ 16:00	Contd...	System Related settings, System Backup/Restore
	16:00 ~ 17:15	Practice Session	System Setting changing and practicing
4th Day	9:00 ~ 09:15	Review	Course Review
	09:15 ~ 10:45	Chapter III : Preference Setting	Nesting, Laser Tool Assignment, Sequencing Preference Setting Other Preference settings like Joint, NC Generate, etc., Optimized Nesting layout creation, Simulation and NC data save
			Break (15 mins.)
	11:00 ~ 12:00	Practice Session	Changing basic settings and getting the result
	12:00 ~ 13:00		contd...
			Lunch Break (1 Hrs.)
	14:00 ~ 15:00	Chapter IV : Manual Edit	Editing the Automatic Nested Result Editing the Program/Sequence etc., Assigning manual program and executing the Nesting
	15:00 ~ 15:45	Practice Session	Manually editing the Nesting/Program and understanding the content.
			Break (15 mins.)
	16:00 ~ 17:00	Test and Feedback	Q&A session, TEST and Feedback session
17:15 ~ 17:30		Certificate Distribution	