

EPLAN Electric P8 Basics for GM Course

(Version 4.6, dated October, 2015)

Course No. GCCE8023, (LMS: 33090)

Duration 4 days

Pre-Requisites GCCH-1 Suggested

Objectives Upon successful completion of this course, participants will be able to:

1. Create an EPLAN Electric P8 project.
 2. Populate an EPLAN Electric P8 project.
 3. Modify Wiring Diagrams in EPLAN.
 4. Modify Electrical Control Diagrams in EPLAN.
 5. Finalize an EPLAN Electric P8 project.
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EPLAN Electric P8 Basics for GM Overview

This course is designed to provide designers information, knowledge, and skills required to use *EPLAN Electric P8* in the design process. Participants receive an overall understanding of EPLAN Electric P8 concepts and functions and learn how to use the software's features to build and edit comprehensive, intelligent wiring diagrams from start to finish. The course also teaches how to generate automatic forms (i.e., BOM, wire list, terminal diagram, cable termination sheets, etc.) to shorten the overall manufacturing process while improving its quality. The modules covered include create an *EPLAN Electric P8* project, populate an *EPLAN Electric P8* project, work with ECs in *EPLAN Electric P8*, work with WDs in *EPLAN Electric P8*, and finalize an *EPLAN Electric P8* project. Hands-on exercises are incorporated into all of the modules.

Module	Content	Delivery Method	Time
1 - Create an EPLAN Electric P8 project.	<ul style="list-style-type: none"> • Describe the differences between CAD and EPLAN Electric P8. • Start EPLAN Electric P8 software. • Work with pages in a project. • Backup and restore projects. • Navigate in the EPLAN Electric P8 environment. 	Lecture Hands-on Activities	6 hrs.
2 – Populate an EPLAN Electric P8 project.	<ul style="list-style-type: none"> • Work with the graphical editor. • Work with devices. • Work with components. • Work with symbols. • Modify device/components/symbol properties. • Renumber devices. • Work with T-nodes. • Work with wire properties and potentials. • Work with interruption points. • Work with black boxes. • Work with macros. 	Lecture Hands-on Activities Exercises	10 hrs.
3 – Modify Wiring Diagrams in EPLAN.	<ul style="list-style-type: none"> • Work with cables. • Insert a node allocation table. • Insert an air prep diagram. • Work with cylinders, switches, and piping diagrams. • Work with revision notes. • Generate a BOM. 	Lecture Hands-on Activities Exercises	8 hrs.

	<ul style="list-style-type: none"> • Export a BOM to Excel. 		
4 – Modify Electrical Control Diagrams in EPLAN.	<ul style="list-style-type: none"> • Work with terminal strips. • Work with relays, contacts, and contactors. • Work with PLC components. • Generate device list. • Generate wire numbering. 	Lecture Hands-on Activities Exercises	8 hrs.
5 – Finalize an EPLAN Electric P8 project.	<ul style="list-style-type: none"> • Create user parts. • Utilize find feature. • Compress a project. • Export a project. • Print a project. • Customize settings in EPLAN Electric P8. • Customize the workspace. 	Lecture Hands-on Activities	4 hrs.
6 – Certification	<ul style="list-style-type: none"> • Complete the certification. 	Test	4 hrs.

Summary of Exercises

Listed below is a summary of the student hands-on activities and exercises for the course. Unique equipment and software for completing a particular exercise is shown in the right column that is in addition to the baseline training equipment required for conducting the entire course.

Module	Lab / Section Name (sections noted in bold)	Unique Equipment & Software required
Module 1: Create an EPLAN Project.	1.3.1 Starting EPLAN Electric P8 Hands-on Activity (HA)	EPLAN P8 2.0.9 GM Configuration 2.007
	1.4.1. Restore a project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1_Prelim(2009-08-18)_Incomplete.zw1
	1.4.2. Create a new project from a basic project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 GMCCRW-IEC_CORE.epb WD-MAA15847- Prelim(<i>TodaysDate</i>)-Your Initials
	1.4.3. Open the graphical editor (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-MAA15847- Prelim(<i>TodaysDate</i>)-Your Initials
	1.4.4. Modify the properties of a project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-MAA15847- AA070_Prelim(2007-04-25)
	1.4.5. Copy a project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007
	1.4.6. Opening a project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1_Prelim(<i>TodaysDate</i>)_Initials.elk
	1.4.7. Renaming a project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007
	1.4.8. Close a project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD070AA065B1_Prelim(Your name)''

Module	Lab / Section Name (sections noted in bold)	Unique Equipment & Software required
	1.4.9. Delete a project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007
	1.4.10. Synchronize Master data (HA)	EPLAN P8 2.0.9 GM Configuration 2.007
	1.4.11. Synchronize Master data- Update Current Project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007
	1.4.12. Synchronize Master data- Synchronize Current Project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007
	1.4.13. Part Selection Setup (HA)	EPLAN P8 2.0.9 GM Configuration 2.007
	1.5.1. Create a new page in a project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-MAA15847- Prelim(<i>TodaysDate</i>)-Your Initials
	1.5.2. Modify page properties (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-MAA15847- Prelim(<i>TodaysDate</i>)-Your Initials
	1.5.3. Copy and paste a page (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-MAA15847- Prelim(<i>TodaysDate</i>)-Your Initials
	1.5.4. Delete a page (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-MAA15847- Prelim(<i>TodaysDate</i>)-Your Initials
	1.5.5. Number Pages (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-MAA15847- Prelim(<i>TodaysDate</i>)-Your Initials
	1.6.1. Back up a project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-MAA15847- Prelim(<i>TodaysDate</i>)-Your Initials

Module	Lab / Section Name (sections noted in bold)	Unique Equipment & Software required
	1.7.1. Navigate in the Graphical Editor (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-MAA15847- Prelim(<i>TodaysDate</i>)-Your Initials
	1.7.2. Open the Page Navigator (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-MAA15847- Prelim(<i>TodaysDate</i>)-Your Initials
Module 2: Populate an EPLAN Project.	2.2.1. Open the Graphical Editor. (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.2.2. Open multiple graphical editors. (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.2.3. Close a graphical editor. (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.3.4. Insert a Symbol via the Toolbar (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.3.6. Rotate/Change a Symbol Variant After it is Placed (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.4.1. Change Device Data (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.4.2. Add a Device Data Property (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.4.3. Make a Device Property Visible/Invisible (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.4.4. Add a Display Property (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.4.5. Moving the properties of a Device (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
2.4.6. Modify a Device Display Property (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete	

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	2.4.7. Device selection (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.4.8. Select Project Part Selection (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.4.9. Part Selection (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.4.10. Select a Part Number for Multiple Devices (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	Exercise 1 Create, populate, and assign part numbers.	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.5.1. Open a Navigator (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.6.1. Change Device Tag Settings (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.6.2. Renumber Device Tags (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.7.1. Enter T-Nodes (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.7.2. Change T-Node Variants (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.8.1. Add a Connection Point Definition (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.8.2. Change the properties of a CDP (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.8.3. Insert a break point in a wire. (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete

Module	Lab / Section Name (sections noted in bold)	Unique Equipment & Software required
	2.8.4. Enter a Potential (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.8.5. View a Potential (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.8.6. Edit a Potential from the Navigator (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.9.1. One to One Interruption Points (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.9.2. Multiplexed Interruption Points (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.9.3. View Interruption Points (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.9.4. Modify Interruption Points (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.10.1. Drawing a Black Box (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.10.2. Assigning the Function of a Black Box (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.10.3. Insert Terminals into a Black Box (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.10.4. Assigning the Function of a Device Connection Point (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.10.5. Cross-reference Black box with terminals (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.10.6. Insert an Image into a Black Box (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete

Module	Lab / Section Name (sections noted in bold)	Unique Equipment & Software required
	2.10.7. Insert a Symbol as a Graphic in a Black Box (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.11.1. Create a Macro (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.11.2. Insert a Macro (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.11.3. Create a Macro Variant (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
	2.11.4. Place a Macro Variant. (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)_Incomplete
Module 3: Modify Wiring Diagrams in EPLAN.	3.2.1. Bus Plug Layout (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.2.2. Bus Layout for DeviceNet (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.2.3. PDP Layout (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.2.4. 24VDC Interconnection Layout (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.2.5. Add an Ethernet Cable (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials

Module	Lab / Section Name (sections noted in bold)	Unique Equipment & Software required
	3.2.6. Add a Bonding Cable (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.2.7. Add Miscellaneous Cables (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	Exercise 1 Insert AA068B1R1 panels and cables in the CB, CC, CD, CE and CG sections.	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.3.1. Insert/Updating the Node Allocation Table (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.3.2. Modifying Node Allocation Table (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.3.3. Cell Pneumatic Air Prep Diagram (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.3.4. Insert a Feed (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.4.1. Assigning a Graphical Form (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials

Module	Lab / Section Name (sections noted in bold)	Unique Equipment & Software required
	3.4.2. Create a Graphical Form (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.4.3. Insert a Window Macro in Layout Section B (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.4.4. Insert a Window Macro in Layout Section C (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.4.5. Insert a Window Macro in I/O Section F (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.4.6. Insert a Proximity Block in Section F (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.4.7. Insert a Page Macro in Pneumatic Section G (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.4.8. Insert a Window Macro in Pneumatic Section G (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials
	3.4.9. Insert a Pneumatic Manifold, Valve, and Connection (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Today's Date</i>)_Initials

Module	Lab / Section Name (sections noted in bold)	Unique Equipment & Software required
	3.5.1. Generate a Report-BOM (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Todays Date</i>)_Initials
	3.6.1. Update a Report (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Todays Date</i>)_Initials
	3.7. Tag Export (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Todays Date</i>)_Initials
	3.8.1. Suppress all Tags (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Todays Date</i>)_Initials
	3.8.2. Unsuppress Select Tags (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Todays Date</i>)_Initials
	3.9.1. Set the Project Revision Level (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Todays Date</i>)_Initials
	3.9.2. Add a Revision Balloon and a Revision Note (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Todays Date</i>)_Initials
	3.9.3. Update the Master Change Sheet (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Todays Date</i>)_Initials
	3.9.4. Remove Revision Notes (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-LD07AA065B1-Prelim(<i>Todays Date</i>)_Initials

Module	Lab / Section Name (sections noted in bold)	Unique Equipment & Software required
Module 4: Modify Electrical Control Diagrams in EPLAN	4.2.1. View a Terminal Strip (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.2.2. Create a Terminal Strip (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.2.3. Modify a Terminal Strip (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.2.4. Creating Terminals for a Terminal Strip (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.2.5. Assign Part Numbers to a Terminal Strip (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.2.6. Assign Part Numbers to Terminals (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.2.7. Modify a Terminal Strip (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.2.8. Place a Terminal in a Project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.2.9. Generate a Terminal Report Form (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	Exercise 1 Place Terminals.	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.3.1. Create a Relay, Contact, or Contactor (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.3.2. Modify a Relay, Contact, or Contactor Properties (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.3.3. Assign Part Numbers to Relays and Contactors (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)

Module	Lab / Section Name (sections noted in bold)	Unique Equipment & Software required
	4.3.4. Modify the Position of the Contact Image. (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.3.5. View a Relay, Contact, or Contactor. (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.3.6. Place a Contact in a Project. (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.3.7. Enabling Common Function Text (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.3.8. Adjusting Function Text Display (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.3.9. Add an Auxiliary Contact (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.3.10. Add a Surge Suppressor (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	Exercise 2 Add a contactor and contacts.	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.4.1. Insert a PLC Macro (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.4.2. Modify PLC Properties (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.4.3. View a PLC Component (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.4.4. Addressing an I/O Card (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.4.5. Naming a Device on a PLC (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)

Module	Lab / Section Name (sections noted in bold)	Unique Equipment & Software required
	4.5. Generate a Report- Device List (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.6.1. Add Connection Definition Points (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
	4.7.1. Update Connections in a Project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-3000(MTEC)
Module 5: Finalize an EPLAN Project.	5.2.1. Creating a Project Part Database (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.2.2. Creating a User Part (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.3.1. Utilize Find (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.4.1. Compress a project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-MAA15487- Prelim(Your initials).”
	5.5.1. Export a Project to a PDF File (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 WD-MAA15487- Prelim(Your initials).”
	5.5.2. Export a Project to a DWG or DXF. (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.5.3. Export a Page to a DWG or DXF. (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.5.4. Changing the DWG or DXF Export Settings (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.5.5. Changing the DWG or DXF Import Settings (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.5.6. Import a DWG or DXF to a page (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)

Module	Lab / Section Name (sections noted in bold)	Unique Equipment & Software required
	5.6.1. Print a Project (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.6.2. Print a Selection (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.8.1. View a Toolbar (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.8.2. Move a Toolbar (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.8.3. Customize Toolbars (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.8.4. Change the Workspace (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.8.5. Create a New Workspace Scheme (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.8.6. Customize Shortcut Keys (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.8.7. Export Hot Keys (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)
	5.8.8. Importing a Layer Scheme (HA)	EPLAN P8 2.0.9 GM Configuration 2.007 EC-2000(MTEC)