

# PICK LIST AND PRINT/BIND INSTRUCTION

**COURSE**  
**428R320**

## PlantScape Controller Implementation

<b>MODULE</b>		<b>ORDER</b>	<b>PSC Impr Count</b>	<b>NOTES</b>
M428R320	Course Description and Modules	1	0	
428Book1	PlantScape Controller Implementation Bk1	2	0	
TAB1		3	0	
428U1Intro	Introduction to PlantScape	4	0	R320
428U1L1	Navigating Knowledge Builder	6	0	Notes View
428U1L2	Using Control Builder	8	0	Notes View
428U1L3	Configuring Your Server	10	0	Notes View
428U1tst	Unit 1 Exam	12	0	
TAB2		13	0	
428U2Intro	Use and Configuration of PlantScape	17	0	
	Hardware			
428U2L1	PlantScape Hardware Configuration	18	0	Notes View
428U2L2	Configuring a Control Processor Module (CPM)	20	0	Notes View
428U2L3	Configuring Digital and Analog IOMs	22	0	Notes View
428U2L4	PlantScape Ntools Familiarization	23	0	Notes View
428U2tst	Unit 2 Exam	25	0	
TAB3		26	0	
428U3Intro	Introduction to Creating Control Modules	28	0	
428U3L1	Configuring a Continuous Control Strategy	29	0	Notes View
428U3L2	Configuring the Heat Cascade	31	0	Notes View
428U3L3	Loading, Activating, and Operating Control Modules	33	0	Notes View
428U3L4	PlantScape DbAdmin Familiarization	34	0	Notes View
428U3tst	Unit 3 Exam	38	0	
TAB4		39	0	
428U4Intro	Device Control CMs	43	0	
428U4L1	Configuring a 2-State Device Control CM	44	0	Notes View
428U4L2	Configuring a 3-State Device Control CM	46	0	Notes View
428U4L3	Control Module Skill Development	48	0	Notes View
428U4tst	Unit 4 Exam	50	0	
TAB5		51	0	
428U5Intro	Creating Auxiliary CMs	55	0	
428U5L1	Configuring a Reg Control CM with Simulated I/O	57	0	Notes View
428U5L2	Configuring a Flow Totalizer	59	0	Notes View
428U5L3	Building Level Indicators	61	0	Notes View
428U5L4	Building a Digital Input CM	63	0	Notes View
428U5tst	Unit 5 Exam	64	0	
TAB6		66	0	

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428U6Intro	Interlocks and Messages	69	0	
428U6L1	Configuring Operational Interlocks	71	0	Notes View
428U6L2	Configuring Safety Override Interlocks	73	0	Notes View
428U6L3	Manual Operation	75	0	Notes View
428U6L4	Configuring Message Blocks	77	0	Notes View
428U6tst	Unit 6 Exam	78	0	
428BK1Appnd	Book 1 Appendix: CM Solutions	79	0	
428Book2	PlantScape Controller Implementation Bk2	81	0	
TAB7		82	0	
428U7Intro	Introduction to Sequential Control Modules	84	0	
428U7L1	Understanding Sequential Control Modules	86	0	
428U7L2	Configuring Sequential Control Strategies	87	0	Notes View
428U7L3	Operating Sequential Control Strategies	89	0	Notes View
428U7tst	Unit 7 Exam	91	0	
TAB8		92	0	
428U8Intro	SCM Functionality	96	0	
428U8L1	Creating a Transfer SCM (SCM_XFERA)	98	0	Notes View
428U8L2	Using Confirm Messages in SCMs	99	0	Notes View
428U8L3	Creating A Supervisory SCM (SCM_REACTR)	100	0	Notes View
428U8L4	Capturing History Values	101	0	Notes View
428U8L5	Creating Handlers	102	0	Notes View
428U8L6	Creating a Common SCM (SCM_XFER)	103	0	Notes View
428U8tst	Unit 8 Exam	104	0	
428U9Intro	Import/Export Introduction	105	0	
428U9L1	Import/Export	108	0	Notes View
428BK2Appnd	Appendix Book 2: Groups	110	0	
428Book3	PlantScape Controller Implementation Bk3	112	0	
428ProcessIntro	Process Description	113	0	Slide View
TAB1		115	0	
428U1L1-D	PlantScape Architecture	118	0	Slide View
428U1L2-D	CM and SCM Library	119	0	Slide View
428U1L3-D	Control Builder	121	0	Slide View
428U1L4-D	Knowledge Builder and On-Line Help	123	0	Slide View
428U1L5-D	Operator Interface	126	0	Slide View
TAB2		127	0	
428U2L1-D	Control Builder Navigation	129	0	Slide View
428U2L2-D	Controller Configuration	130	0	Slide View
428U2L3-D	I/O Module Configuration	131	0	Slide View

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428U2L4-D	Ntools	132	0	Slide View
TAB3		133	0	
428U3L1-D	Control Modules (CMs)	134	0	Slide View
428U3L2-D	Control Strategy Execution	135	0	Slide View
428U3L3-D	Configuring a Device Control Block	136	0	Slide View
428U3L4-D	Database Administration (DBAdmin)	137	0	Slide View
TAB4		138	0	
428U4L1-D	Sequential Control Modules	139	0	Slide View
428U4L2-D	SCM Activation	140	0	Slide View
TAB5		141	0	
428U5L1-D	428 Additional Topics	142	0	Slide View
TAB6		143	0	
TstAnsrscover	Criterion Test Answer Key	144	0	
428U1ans	Unit 1 Exam Answers	145	0	
428U2ans	Unit 2 Exam Anxwers	146	0	
428U3ans	Unit 3 Exam Answers	147	0	
428U4ans	Unit 4 Exam Answers	148	0	
428U5ans	Unit 5 Exam Answers	149	0	
428U6ans	Unit 6 Exam Answers	150	0	
428U7ans	Unit 7 Exam Answers	151	0	
428U8ans	Unit 8 Exam Answers	152	0	
<b>Total</b>			<b>0</b>	

### **Print/Bind Instructions:**

Three Workbooks , double-sided, Insert tabs, laminate front and back covers, coil bind - clear, individual shrink wrap. Books 1 and 2 are Notes View. Book 3 is Slide View.