

<b>Title:</b>	<b>Industrial Maintenance E &amp; I Technician</b>							
<b>Edition:</b>	<b>3rd Edition</b>							
<b>Pub Date:</b>	<b>2007</b>							
<b>Add. Instructor Require.:</b>								
<b>Prerequisite:</b>	<b>Core Curriculum</b>							
<b>Previous Edition Exp. Date:</b>	<b>2012</b>							
Book Module #	2nd Edition Module ID#	3rd Edition Module ID#	Equivalent Registry Module(s)	Performance Test	2nd Edition Hours	3rd Edition Hours	Module Name	Comments
					72.5	72.5	Core Curriculum	
1	NEW	40101-07	32101-07	No	x	2.5	Orientation to the Trade	
2	NEW	40102-07	32102-07	Yes	x	5	Tools of the Trade	
3	32103	40103-07	32103-07	Yes	5	5	Fasteners and Anchors	old IM mod has a PT for installing blind rivets and IME&I doesn't; (IMM mod IS the same as the IME&I mod)
4	29102-03	40104-07	32104-07	Yes	17.5	17.5	Oxyfuel Cutting	
5	29102-03	40105-07	32105-07	Yes	7.5	10	Gaskets and Packing	Moved from level 3
6	NEW	40106-07	32106-07	No	x	15	Craft-Related Mathematics	hrs. reduced from IMM, but objs and PTs are the same
7	08203	40107-07	32107-07	Yes	12.5	12.5	Construction Drawings	adapted from pipefitting
8	32312	40108-07	32108-07	Yes	30	5	Pumps and Drivers	
9	08306	40109-07	32109-07	Yes	5	5	Valves	adapted from pipefitting
10	32106	40110-07	32110-07	Yes	7.5	7.5	Introduction to Test Equipment	
11	NEW	40111-07	32111-07	Yes	x	15	Material Handling and Hand Rigging	
12	NEW	40112-07	32112-07	Yes	x	10	Mobile and Support Equipment	
13	32211	40113-07	32113-07	Yes	20	12.5	Lubrication	Moved from level 2
					<b>Total Hours</b>	<b>195</b>		

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			= Stackable Credential

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1	26102-08	40201-08	None	Yes	10	12.5	Industrial Safety for E&I Technicians	add to electrical mod with NFPE 70E
2	26105-08	40202-08	None	Yes	2.5	5	Introduction to the <i>National Electrical Code</i> ®	
3	26104-08	40203-08	None	Yes	7.5	15	Electrical Theory	
4	26201-08	40204-08	None	Yes	17.5	20	Alternating Current	
5	NEW	40205-08	None	Yes	x	10	E&I Test Equipment	
6	12110-01	40206-08	None	No	10	15	Flow, Pressure, Level, and Temperature	40206-08 has more hrs than 32510; 32510 has more objs (objs in 40206-08 have been condensed but cover the same principles)
7	12201-03	40207-08	None	Yes	15	15	Process Mathematics	
8	26107-08	40208-08	26107-08	Yes	10	10	Hand Bending	
9	12111-01	40209-08	None	Yes	12.5	15	Tubing	
10	12303-03	40210-08	None	Yes	10	7.5	Clean, Purge, and Test Tubing and Piping Systems	
11	12107-01	40211-08	12107-01	Yes	10	15	Instrument Drawings and Documents, Part One	old mod 10 hrs, but have the same obsj/PTs
12	26109-08	40212-08	26109-08	Yes	15	10	Conductors and Cables	
13	26208-08	40213-08	26208-08	Yes	7.5	10	Conductor Terminations and Splices	old mod 7.5 hrs, but have the same obsj/PTs
					<b>Total Hours</b>	<b>160</b>		

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1	26304-08	40301-09	26304-08	Yes	15	10	Hazardous Locations	old mod 15 hrs, but have the same objs/PTs
2	33203-05	40302-09	None	Yes	10	10	Electronic Components	
3	12202-03	40303-09	None	Yes	10	10	E & I Drawings	
4	26311-05	40304-09	None	Yes	20	15	Motor Controls	
5	26306-08	40305-09	None	Yes	12.5	17.5	Distribution Equipment	Content on commercial services added
6	26307-08	40306-09	26406-08	Yes	15	7.5	Transformer Applications	
7	26302-08	40307-09	None	Yes	15	15	Conductor Selection and Calculation	
8	NEW	40308-09	None	Yes	x	15	Temporary Grounding	
9	12302-03	40309-09	12302-03	Yes	45	22.5	Layout and Installation of Tubing and Piping Systems	old mod 45 hrs, but have the same objs/PTs
10	26204-08	40310-09	26204-08	Yes	15	15	Machine Bending of Conduit	
11	32313	40311-09	None	Yes	10	15	Hydraulic Controls	
12	32314	40312-09	None	No	15	15	Pneumatic Controls	
13	NEW	40313-09	None	Yes	x	15	Motor-Operated Valves	
					<b>Total Hours</b>	<b>182.5</b>		

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1	26403-08	40401-09	None	No	12.5	12.5	Standby and Emergency Systems	
2	12205-03	40402-09	None	Yes	20	15	Basic Process Control Elements, Transducers and Transmitters	Former name: "Detectors, Secondary Elements, Transducers and Transmitters"
3	12402-03	40403-09	None	Yes	65	10	Instrument Calibration and Configuration	
4	12207-03	40404-09	None	Yes	15	40	Pneumatic Control Valves, Actuators, and Positioners	name has been changed slightly (added "pneumatic")
5	12403-03	40405-09	12403-03	Yes	7.5	7.5	Performing Loop Checks	
6	12404-03	40406-09	12404-03	Yes	10	10	Troubleshooting and Commissioning a Loop	
7	12405-03	40407-09	None	Yes	15	20	Process Control Loops and Tuning	former name: "Tuning Loops"
8	NEW	40408-09	None	Yes	x	15	Data Networks	
9	12406-03	40409-09	12406-03	Yes	10	17.5	Programmable Logic Controllers	
10	12407-03	40410-09	None	Yes	x	17.5	Distributed Control Systems	
					<b>Total Hours</b>	<b>0</b>		

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