

2011-2012 Fifth Year Local Syllabus

Week	test	subject			
WEEK 1	Test 1	NJATC Syllabus section 1	Homework		
		Orientation from NJATC	see		
		Insulation testing	NJATC Syllabus		
	Test 2	Instrumentation I	Homework	In Class	Extra Ref
		Review basic geometry and units of measure	Read tech math ch 16	worksheets	Ugly's or Pocket Field Ref.
		symbols	Instrumentation text ch 1 review	worksheets	
		calibration	text ch 2 review	worksheets	
		pressure	text ch 3 review	worksheets	
		flow	text ch 4 review	worksheets	
		level	text ch 5 review	worksheets	
	Test 3	Instrumentation II	Homework	In Class	
		temperature	text ch 6 review	worksheets	
		pneumatics	text ch 7 review	worksheets	
		controllers	text ch 8 & 9 review	worksheets	
		smart instruments	text ch 12 review	worksheets	
	Fundamentals of installation	text ch 13 review	worksheets		
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WEEK 2	Test 4	Fire Alarm I	Homework	Homework	In Class Extra Ref
		Introduction	J211L-LAB 1	Building Automation	NFPA-72
		Definitions	J211L-LAB 2	chapter 7	NFPA-72
		Installation prep and plan	J211L-LAB 3	review questions	LAB EX 1 NFPA-72
		Installation of Controls	J211L-LAB 4		LAB EX 2 NFPA-72
		Wiring	J211L-LAB 5		LAB EX 3 NFPA-72
		Wiring Checks and Troubleshooting	J211L-LAB 6		LAB EX 4 NFPA-72
	Test 5	Fire Alarm II	Homework		In Class Extra Ref
		Installation of Initiating Devices	J211L-LAB 7		LAB EX 5 NFPA-72
		Installation of Notification Appliances etc.	J211L-LAB 8		LAB EX 6 NFPA-72
		Programming	J211L-LAB 9		LAB EX 7 NFPA-72
		Preliminary System Checks	J211L-LAB 10		LAB EX 8 NFPA-72
		Tests and Maintenance	J211L-LAB 11		LAB EX 9 NFPA-72
		First Aid			
		notify the training center during WEEK 1 if you have taken First Aid elsewhere			

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Week	test	subject		
WEEK 3	Test 6	Structured Cabling	Homework	In Class
		AMP ACT	Course manual review questions	Labs
	Test 7	NJATC Syllabus Section 11	Homework	
		Health Care & Specials	NJATC sec 11	
	Test 8	NJATC Syllabus Section 12	Homework	In Class
		Calculations	NJATC sec 12	seminar
		skip 2008 Code Changes lessons	NJATC sec 12	

WEEK 4	Test 9	NJATC Syllabus Section 9	Homework	In Class	Extra Ref.
		Power Quality	NJATC sec 9	seminar	
	Test 10	NJATC Syllabus Section 8			
		Solar Photovoltaics	NJATC sec 8	seminar	
	Test 11	Effective Supervision		seminar	
	Test 12	Medium Voltage Terms		seminar	
		RCW/WAC Class		seminar	RCW/WAC

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Homework is shaded in grey. In instances where the homework involves chapter review questions and not a workbook' as has been typical in the past, use a spiral notebook to record your answers. Please review the "Homework Guidelines" document prior to starting your work. Some references needed from previous years include Electrical Systems, NJATC Field Reference Handbook, and last year's Building Automation text. Part of the Fire Alarm grading and the Solar Photovoltaics grades will be on projects associated with that material. Project grades are based on participation, attitude, skills, and knowledge.