

**JOURNEYMAN UPGRADE  
CLASS SCHEDULE  
Spring 2010**



4635 Longley Lane, Ste 108  
Reno, NV 89502  
(775) 358-4301 fax: (775) 358-4299  
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Classes offered and paid for by the Northern Nevada Electrical Joint Apprenticeship and Training Trust Fund. Only members of the IBEW Local Union 401 and/or employees of those employers signatory to a collective bargaining agreement with IBEW Local 401 are eligible for classes.

Upon successful completion of the course Journeyman may submit completion certification and paid receipt to IBEW Local 401 for reimbursement of course costs.

**Self Paced Computer Courses**

There is no lecture portion for self paced classes, instructors may be available Wednesdays and Thursdays from 6-9 p.m. for consultation.

**Note: 3.5 in. Floppy Disk Drive Required**

Course	Description	Cost & Materials
<b>DC Theory</b>		
Covers theory and calculations for series, parallel and combination direct current circuits.	Student Disk (required)	\$10.00
	DC Theory Textbook (optional)	\$46.00
	DC Theory Workbook (optional)	\$32.00
<b>AC Theory</b>		
Covers theory and calculations for series, parallel and combination alternating current circuits.	Student Disk (required)	\$10.00
	AC Theory Textbook (optional)	\$46.00
	AC Theory Workbook (optional)	\$36.00
<b>Mathematics Essential to the Electrical Trade</b>		
Covers mathematics necessary to perform basic and intermediate electrical calculations. This course will prepare students for the math portions of the JW exam.	Student Disk (required)	\$10.00
	Math Textbook (optional)	\$49.00
	Math Workbook (optional)	\$16.00
* Also available on-line @ www.njatc.org		
<b>Digital Electronics</b>		
Covers the theory and applications of basic and advanced digital control circuits used throughout the electrical industry. Subjects include digital logic gates, numeric displays & Keyboards, asynchronous & synchronous memories & Shift register, and Digital/Analog converters.	Student Disk (required)	\$10.00
	Digital Textbook (optional)	\$27.00
	Digital Workbook (optional)	\$33.00
<b>Semiconductors</b>		
Covers the basic concepts of the most commonly used semiconductor devices found today. It will provide common troubleshooting concepts and basic awareness when working with semiconductors.	Student Disk (required)	\$10.00
	Semiconductor Textbook	\$48.00
	Semiconductor Workbook	\$22.00
<b>Instrumentation</b>		
Covers various topics associated with the field of instrumentation using a trade related focus to the instrumentation field.	Student Disk (required)	\$10.00
	Instrumentation Textbook (optional)	\$34.00
	Instrumentation Workbook (optional)	\$16.00

<b>Available on-line at www.njatc.org</b>		
<b>Tech Math</b>		<b>\$115.00</b>
This course is for those needing to brush up on the math skills commonly used in the electrical construction Industry.		

**ADDITIONAL CLASSES AT NNJATC TRAINING CENTER**

**CPR Classes to be announced.**

**First Aid Classes to be announced.**

**Scheduled Classes**

Unless otherwise noted, classes run at the Training Center from 6-9 p.m. when scheduled for a Mon-Fri or 8-5 p.m. when scheduled for a Saturday. Some classes may be offered more than once throughout the schedule, if so an 'A' represents the first class, 'B' for the second class etc.

Course	Description	Registration Deadline	Cost & Materials
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**DEADLINE FOR SIGNING UP FOR CLASS IS TWO WEEKS PRIOR TO CLASS START!  
Books must be prepaid prior to deadline. Class may be cancelled if minimum enrollment is not met.**

<b>Photovoltaic Systems 2</b>			
Required course for Certification- Prerequisite - Photovoltaic Systems 1			
30 hours	Feb. 9, 16, 18, 23, 25	March 2, 4, 9, 16, 18	Uses same text as 1

**OSHA 10 AND 30 HOUR CLASSES WILL BE SCHEDULED AS FILLED.**

<b>Photovoltaic Systems 1</b>			
Basic Installation Course & Required Course for Part 2			
	A- Jan. 5, 7, 12, 19	B- Jan. 21, 26, 28, Feb. 2	Text \$55.00
12 Hours	C- Mar. 23, 25, 30, Apr. 1	D- Apr. 13, 15, 20, 22	Work book \$17.00

<b>Evening 4-Hour Asbestos Refresher Class</b>	
March 17th	5 p.m. - 8:30 p.m.

**Register early and prepay books to secure your place in class!**

January 2010						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5 A	6	7 A	8	9
10	11	12 A	13	14	15	16
17	18	19 A	20	21 B	22	23
24	25	26 B	27	28 B	29	30

February 2010						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2 B	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

March 2010						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23 C	24	25 C	26	27
28	29	30 C	31			

April 2010						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 C	2	3
4	5	6	7	8	9	10
11	12	13 D	14	15 D	16	17
18	19	20 D	21	22 D	23	24
25	26	27	28	29	30	

Classes and dates are subject to change without notice

**4- Hour Asbestos Refresher Classes  
January 27th, February 17th, March 10th,  
March 31st, and April 14th  
12-4 P.M. each day**