



# NOAHTECH COMPUTER REPAIRING AND SERVICES

NO: 3A-1, JALAN CEMPAKA SD 12/2, BANDAR SRI DAMANSARA,  
52200 KUALA LUMPUR.  
TEL: 03-62778522 / 62778523 FAX: 03-62778521

## Advanced Practical CRT Monitor Repair

### Topics Covered

Course Code APM01  
Course Length: 3 days

#### Day 1

9.00am - 10.45am	<b>Overview On Computer Monitor Circuits (all circuit) Plus S-Correction Circuit.</b>
10.45am – 11.00am	Tea Break
11.00am -1.00pm	Explanation on general and specialized test equipment *How to identify monitor circuit section like Horizontal, Vertical, Pin Cushion, B+ & Etc.
1.00pm- 2.00pm	Lunch Break
2.00pm- 3.30pm	-How to use EEPROM Programmer to program EEPROM IC *How to troubleshoot monitor digital controls *How to rewind a B+ coil
3.30pm-3.45pm	Tea Break
3.45pm-5.00pm	*Understanding FET & Horizontal Output Transistor (HOT) in Monitor and how to locate a good substitution part number. *How to make picture tube become brighter.

## Day 2

9.00am- 10.45am	<ul style="list-style-type: none"><li>*How to use a light bulb to solve power problem</li><li>*How to modify color circuit</li><li>*How to use AC Ammeter to locate fault</li></ul>
10.45am-11.00am	Tea Break
11.00am- 1.00pm	<ul style="list-style-type: none"><li>*How to modify G2 (screen) Circuit, Flyback Transformer, SMPS Transformer, CRT and etc</li></ul>
1.00pm-2.00pm	Lunch Break
2.00pm- 3.30pm	<ul style="list-style-type: none"><li>*Understanding SDA &amp; SCL Circuit</li><li>*How to build a tester to detect component failure in electronic circuit.</li><li>*How to find a good replacement for picture tube.</li></ul>
3.30pm-3.45pm	Tea Break
3.45pm- 5.00pm	<ul style="list-style-type: none"><li>*How to modify a dual schottky diode and modulation / Damper diode package.</li><li>*How to modify a 17" flyback transformer that have blur problem</li></ul>

### **Day 3**

9.00am- 10.45am	<b>Oscilloscope</b> *How to use oscilloscope to test monitor circuits in power section, Horizontal, Vertical, Crystal, Color, B+ and High Voltage Circuit
10.45am-11.00am	Tea Break
11.00am- 1.00pm	Continue with the oscilloscope topic
1.00pm-2.00pm	Lunch Break
2.00pm- 3.30pm	<b>Troubleshooting And Repairing</b> *Troubleshooting And Repairing real monitor problem using meters, oscilloscope and voltage testing to locate fault such as No power, Missing Color, No Display, No High Voltage, high voltage shutdown, one horizontal/vertical line and etc.
3.30pm -3.45pm	Tea Break
3.45pm- 4.45pm	Continue to Troubleshoot and Repair real problems in CRT Monitors
4.45pm- 5.00pm	Questions/Answers and Presentation Certificate Of Attendance

For more information please contact us at

<http://www.noahtechelectronicstraining.com/contact-us>