

CFISD Technology Services

Monitor Repair

Instructor	Frank Adian (281) 807-8941	Cy-Fair Learning Management System	
Location	Technology Service Center 11330 Falcon Road Houston, TX 77064	Course First Offered	November 2014
		GR8 Expectations	4.A, 4.E

Description:

The Technician will learn to identify non-working monitors, and how to repair them.

Goals:

- Understand the differences between the ViewSonic VG730M (model VS11353) and ViewSonic VG730M-3 (model VS11383) monitors.
- Identify tools necessary for repair: long screwdriver, solder, soldering iron, capacitors ("caps").
- Learn the steps required to dismantle monitors.
- Identify the different capacitors that can be found on a monitor power board; be able to find the microfarad and voltage ratings.
- Identify bad capacitors.
- Use solder and the soldering iron to remove (*desolder*) and replace (*solder*) capacitors.

Resources:

[Monitor Repair YouTube video](#)

[iSupport](#): Shared Views > Knowledge Entries > 1516 Technician Knowledge Base

Evaluation:

The Technician will repair one monitor under supervision.