

## JTAG and Chip-off Education For Mobile Device Forensics

### Combined Chip-off and JTAG Course

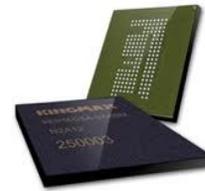
The combined Chip-off and JTAG Class provides students with an intensive 8 days of education into both techniques for acquiring data from memory of mobile devices. The course offers students a complete hands-on experience, with plenty of practice dismantling devices, soldering for JTAG acquisitions, and removing chips from boards for reading. A variety of JTAG techniques and means of connections are covered, as well as a diverse collection of chips are removed from devices.

The 8-day class is offered at one of the Teel Technologies locations in the U.S. or Canada, or can be brought to client locations.

Students take home devices they've worked on in class for continued practice. Additionally, students receive a Riff Box, Box of Molex Adapters, and Riff Board for soldering. Also, temporary license to UFED PA is provided.

### Chip-off for Forensics Highlights:

- Understanding Chip-off and why used.
- Memory and trends: TSOP, BGA, eMMC, eMCP,
- Fundamentals of chip removal
- Chip-reading options and equipment
- Removing chips from a variety of devices
- Performing reads with a adapter options
- Data Carving using commercial tools and manual techniques.



### JTAG for Forensics Highlights:

- Understanding JTAG – Which phones is JTAG most useful to exploit?
- Tearing phones down properly and rebuilding
- Soldering
- Test Access Points Connections / Molex Connections
- Using RIFF Box for JTAG Acquisitions
- Android devices with pattern locks. Windows 8 phones covered
- Applying scripts to recover pattern locks
- HashCat Exercise
- UFED and other tools for analysis
- Probing TAPs
- Identifying and connecting to the Test access ports

### Coming To Yakima PD!

This is a 2 week combined class.

Week One: March 8th to 11th, 2016  
Week Two: March 14th to 17th 2016

Sign-up Today at:  
[www.teeltech.com/yakima](http://www.teeltech.com/yakima)

**If you wish take  
only JTAG or Chip-off,  
please indicate in the  
comments when registering.**



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Sign Up Today At:  
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