# 13 responses

## Summary See complete responses

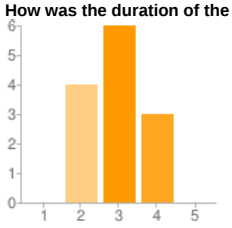
**How did the course meet your learning objectives?**


| | | | |
|---|---|---|---|
| 1 - | Not met | **0** | 0% |
| 2 | | **0** | 0% |
| 3 | | **1** | 8% |
| 4 | | **11** | 85% |
| 5 - | Fully met | **1** | 8% |

**Comments and suggestions**

While I already wrote Android Native code, and Android App, my objectives were to understand deeper the internals of Android System. For example: how to extent the Android API?, how do work with OpenMAX - Stragefright - SurfaceFlinger?, how the Hardware Accelerators (demux, A/V decoders, GPU, Display Interface ...) of my chipset are used and called? ... These questions are more related to the works we will have to provide in order to design an Android Set-Top-Box. It's a good course to see basis of Android. I have found that the kernel revision was long compared to the real android part.

**How was the duration of the course?**

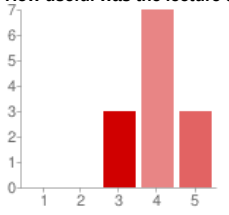



| | | | |
|---|---|---|---|
| 1 - | Too short. | **0** | 0% |
| 2 | | **4** | 31% |
| 3 | | **6** | 46% |
| 4 | | **3** | 23% |
| 5 - | Definitely too long. | **0** | 0% |

**Comments and suggestions**

Not enough time spent on the displayed slides and some slided bypassed.

**How useful was the lecture document?**



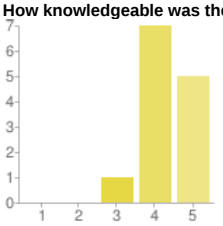

| | | | |
|---|---|---|---|
| 1 - | Not useful. | **0** | 0% |
| 2 | | **0** | 0% |
| 3 | | **3** | 23% |
| 4 | | **7** | 54% |
| 5 - | Very useful | **3** | 23% |

**Comments and suggestions**

maybe put more examples taken from the android device and write them in the main presentation. Even if some errors are still present

in the doc, and some clearer details could have been provided. Also some incoherency exists between the doc and the Labs.

**How knowledgeable was the instructor?**

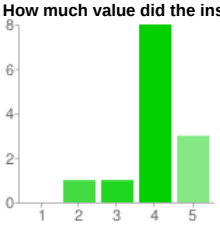



Not enough for meMore than enough

| | | | |
|---|---|---|---|
| 1 - | Not enough for me | **0** | 0% |
| 2 | | **0** | 0% |
| 3 | | **1** | 8% |
| 4 | | **7** | 54% |
| 5 - | More than enough | **5** | 38% |

**Comments and suggestions**

**How much value did the instructor add to lecture materials?**



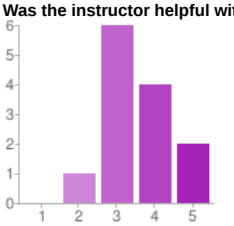

Not much added valueA lot of added value

| | | | |
|---|---|---|---|
| 1 - | Not much added value | **0** | 0% |
| 2 | | **1** | 8% |
| 3 | | **1** | 8% |
| 4 | | **8** | 62% |
| 5 - | A lot of added value | **3** | 23% |

**Suggestions and comments**

I would have prefer a french teacher ( lost of precisions) Even if sometimes the same information was present in the slide in a more structured way. Many exemples were provided with a real product digging into the file system of the product. This was a good idea. Nevertheless, due to the size of the information present in the slides should have taken more than 4 days to be covered thouroughly.

**Was the instructor helpful with practical labs?**



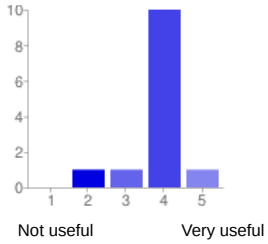

Not much Very helpful

| | | | |
|---|---|---|---|
| 1 - | Not much | **0** | 0% |
| 2 | | **1** | 8% |
| 3 | | **6** | 46% |
| 4 | | **4** | 31% |
| 5 - | Very helpful | **2** | 15% |

**Comments and suggestions**

Too many people (19) Very good knowledge of the lab material.

**How useful were the training labs?**

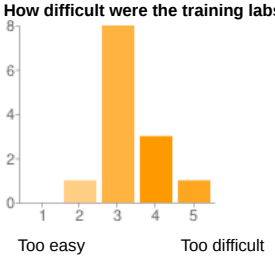



| | | | |
|---|---|---|---|
| 1 - | Not useful | **0** | 0% |
| 2 | | **1** | 8% |
| 3 | | **1** | 8% |
| 4 | | **10** | 77% |
| 5 - | Very useful | **1** | 8% |

**Comments and suggestions**

The training labs are fine. The training labs materials are difficult to read. Not easy to understand the work to achieve. Quite interesting but I didn't have the necessary skills to achieve them alone.

**How difficult were the training labs?**

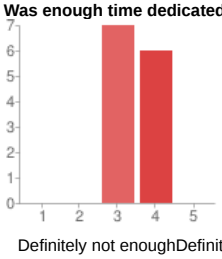



| | | | |
|---|---|---|---|
| 1 - | Too easy | **0** | 0% |
| 2 | | **1** | 8% |
| 3 | | **8** | 62% |
| 4 | | **3** | 23% |
| 5 - | Too difficult | **1** | 8% |

**Comments and suggestions**

missing intermediate steps at the End , it became difficult Quite difficult for the application to build. Particularly for Java beginners. For me this was quite difficult. Many errors in the material that made sometimes the lab as a debug session more than a work on the real subject. But the positive point is that this could be seen as the real life of a SW designer.

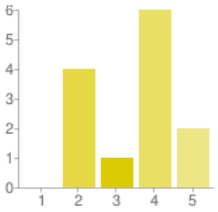
**Was enough time dedicated to practical labs?**




| | | | |
|---|---|---|---|
| 1 - | Definitely not enough | **0** | 0% |
| 2 | | **0** | 0% |
| 3 | | **7** | 54% |
| 4 | | **6** | 46% |
| 5 - | Definitely too much time for labs | **0** | 0% |

**Comments and suggestions**

**How do you rate training conditions (room size, equipment, environment)?**




| | | | |
|---|---|---|---|
| 1 - | Poor | **0** | 0% |
| 2 | | **4** | 31% |
| 3 | | **1** | 8% |
| 4 | | **6** | 46% |
| 5 - | Very good | **2** | 15% |

**Comments and suggestions**

a PC with 2 ethernets ports will be necessary too many people (19 !!!!) too many people equipment was fine. room size : not enough room between tables, tables too small Quite small tables for two persons.

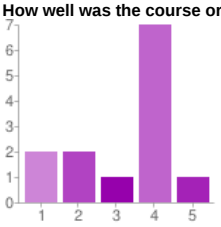
**How do you rate the training equipment (mainly computers)?**


| | | | |
|---|---|---|---|
| 1 - | Poor. | **1** | 8% |
| 2 | | **1** | 8% |
| 3 | | **4** | 31% |
| 4 | | **2** | 15% |
| 5 - | Very good. | **5** | 38% |

**Comments and suggestions**

No network connection for the beagleboneblak device and no ethernet to usb adptor available

**How well was the course organized (program, registration, schedule...)?**

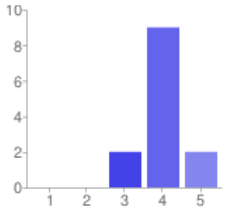



| | | | |
|---|---|---|---|
| 1 - | Not well | **2** | 15% |
| 2 | | **2** | 15% |
| 3 | | **1** | 8% |
| 4 | | **7** | 54% |
| 5 - | Very well | **1** | 8% |

**Comments and suggestions**

We have been invited only one week before the course ! informed too late ( 2 weeks) Not enough time for theory (slides reading) Too many students (19) to this course I have been informed of this course very late.

**How much did you learn?**

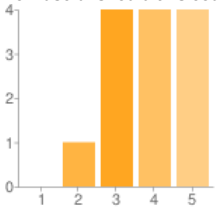



| | | | |
|---|---|---|---|
| 1 - | Not much | **0** | 0% |
| 2 | | **0** | 0% |
| 3 | | **2** | 15% |
| 4 | | **9** | 69% |
| 5 - | A lot | **2** | 15% |

**Comments and suggestions**

This training is more for SW designers which I am not. I learnt as much as I could with my starting knowledge. Anyway I learnt a lot.

**How useful should this course be in your daily job?**




| | | | |
|---|---|---|---|
| 1 - | Not useful | **0** | 0% |
| 2 | | **1** | 8% |
| 3 | | **4** | 31% |
| 4 | | **4** | 31% |
| 5 - | Very useful. | **4** | 31% |

**Comments and suggestions**

It depends on the next projects Of course any knowledge on Android will be helpfull as I am involved in security on our STB.

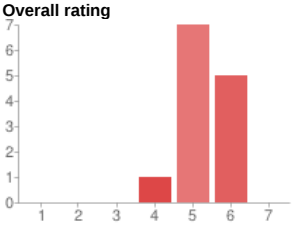
**What part(s) of the course did you like most?**

Low level SW parts kernel part All lab works Android layers Android build process, directory contents, labs. All of them.

**What part(s) of the course did you like least?**

somes parts of the course was runned too fast ... Applications stuffs (ressources...) jni java because we dont know java verywell NA the end ;) Kernel Java application builds. No one.

**Overall rating**

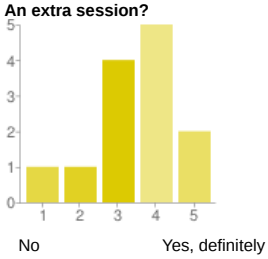



| | | | |
|---|---|---|---|
| 1 - | Very disappointing | **0** | 0% |
| 2 | | **0** | 0% |
| 3 | | **0** | 0% |
| 4 | | **1** | 8% |
| 5 | | **7** | 54% |
| 6 | | **5** | 38% |
| 7 - | Excellent | **0** | 0% |

**Comments and suggestions**

Provide at each stage the solution. This permits to to start on a common point for the following labs and of course to have the "optimized" solution in each stage.

**An extra session?**



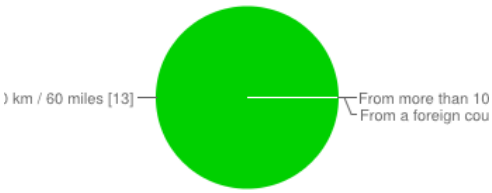

| | | | |
|---|---|---|---|
| 1 - | No | **1** | 8% |
| 2 | | **1** | 8% |
| 3 | | **4** | 31% |
| 4 | | **5** | 38% |
| 5 - | Yes, definitely | **2** | 15% |

**Comments**

With deeper explanation of Android internals (see objectives)

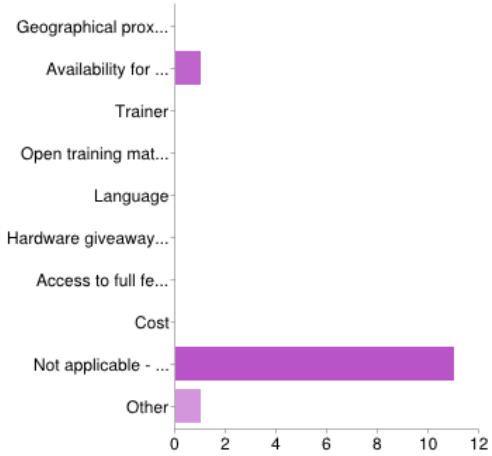
After a Java training, I would be interested of more details on Android layers.

**How far do you come from?**




| | | |
|---|---|---|
| From less than 100 km / 60 miles | **13** | 100% |
| From more than 100 km / 60 miles, same country | **0** | 0% |
| From a foreign country | **0** | 0% |

**What prompted you to choose Free Electrons?**



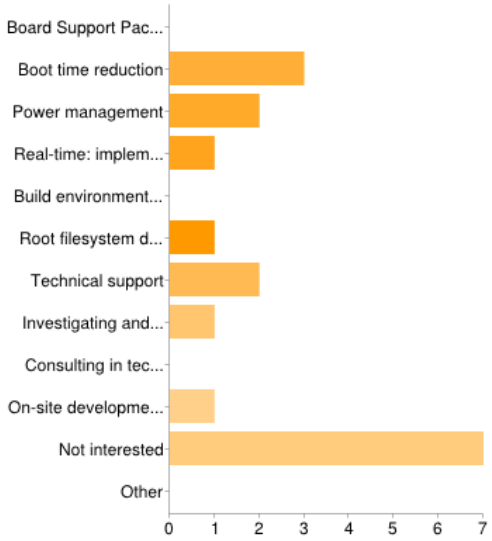

| | | |
|---|---|---|
| Geographical proximity (public sessions only) | **0** | 0% |
| Availability for on-site sessions | **1** | 8% |
| Trainer | **0** | 0% |
| Open training materials that can be checked in advance | **0** | 0% |
| Language | **0** | 0% |
| Hardware giveaway (public sessions only) | **0** | 0% |
| Access to full feedback from participants to previous sessions | **0** | 0% |
| Cost | **0** | 0% |
| Not applicable - My management made the decision | **11** | 85% |
| Other | **1** | 8% |

People may select more than one checkbox, so percentages may add up to more than 100%.

**How did you first learn about Free Electrons?**


| | | |
|---|---|---|
| Course recommended by previous participants | **0** | 0% |
| Internet search engines | **1** | 8% |
| Technical resources on the Free Electrons website | **1** | 8% |
| Presentations in conferences | **0** | 0% |
| Free Electrons chosen by my management | **10** | 77% |
| Other | **1** | 8% |

**Interested in other types of embedded Linux / Android engineering services?**




| | | |
|---|---|---|
| Board Support Package development: make Linux / Android support your new hardware | **0** | |
| Boot time reduction | **3** | 2 |
| Power management | **2** | 1 |
| Real-time: implementation and bug fixing | **1** | |
| Build environment deployment and support | **0** | |
| Root filesystem design and development | **1** | |
| Technical support | **2** | 1 |
| Investigating and fixing bugs | **1** | |
| Consulting in technology selection and methodology | **0** | |
| On-site development, support and consulting services | **1** | |
| Not interested | **7** | 5 |
| Other | **0** | |

People may select more than one checkbox, so percentages may add up to more than 100%.

**Comments and expectations**

To me we are focusing in optimizing Android implementation and secure implementation. Anyway, the implementation base we get is provided by chip providers and we have to cope with it. On the other side, the secure implementation is leaded by CAS providers requirements and our own security lab.

## Mailing list subscriptions

Please go to http://j.mp/1r1HhkZ (copy and paste this link in a new browser window) if you are interested in subscribing to our mailing list(s) dedicated to our training customers. You will be able to ask questions, get first level technical support, and share your experience with people having taken the same courses and practical labs.

**Number of daily responses**