

A Proposal

**STUDENTS' TRAINING ON ANDROID AND EMBEDDED
SYSTEM/MICROCONTROLLER DESIGN**

by



First Atlantic Semiconductors & Microelectronics Ltd (**RC908703**)
Advisory, Research, Training, Contracting, Design

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Target Client:

Your Computer Science or EEE Dept

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Brief on FASMICRO

First Atlantic Semiconductors and Microelectronics Ltd, FASMICRO, is a team of engineers, policy experts and economists who are poised to use emerging technology diffusion to create the next future in Africa, starting from Nigeria. In our team are experts who have presented research works at African Union, World Bank, top technical conferences, National Economic Development projects, etc. We have a team of professionals that are leaders in their respective fields. They hold patents and are technology creators.

FASMICRO provides innovative skills in strategy, project management, and technical capabilities. Our areas of technical education and training specialty include android mobile computing, embedded systems design / microcontrollers and integrated web solution (IWS). We also sell OVIM tablet and apps.

We seek to become change agents that will help deliver the next future in Nigeria and indeed Africa through effective technology penetration.

FASMICRO training offers our participants a mastery of cutting edge technology in mobile computing software and hardware. Here we train people on the android software and micro controller device development/ embedded systems.

Our Core Values

We are built under technical excellence and integrity, dependability and respect of man and society. For us, business is a partnership and we put society and clients ahead of us. We are anchored to build a better society even as we drive superior value for our partners.

WE OFFER THE FOLLOWING SERVICES:

- Research & Microelectronics Contract Design
 - PCB, FPGA, embedded systems, microcontroller etc
- Training Programs
 - Microcontroller, Web design, Android
 - Fasmicro IWS Training & Certifications
- Integrated Web Solutions & Software Development
- Mobile Device Development (Android Apps)
- Technical Advisory and Consulting

- Curricula development, contract grant writing, proposal development, technology economics, etc
- Web Hosting - fasHostIT.com
- Web Design - fasWebKit.com (the popular N7,000 web design)
- [App Store](#) - site under construction
- 1) Bulk SMS purchase - SMSPlaces.com
- 2) Ad placements on Facebook & Google for clients - AfritBook.com
- 3) Support and Supplies - Dev kits, modules, and components.
- 4) Student project help initiative.

What we want to Offer you

Bearing in mind that technology advances every day, mobile computing is not left out. It is pertinent that graduates from your department are conversant with and able to fit into the mobile computing world. There are two modules on offer – Android and Embedded system/microcontroller.

Android training: this training offers your students the opportunity of learning how to program android operating system, design and implement apps. (Applications) for the android operating system and run these apps on OVIM tablet pc.

Embedded system/ microcontrollers training: this training offers your students the opportunity of learning how to design, develop and implement dedicated electronics devices using microcontrollers. They will learn software development in assembly language, microcontroller device development, introduced to interfacing with computer USB port. e.t.c

How we Train

All our trainings are practical based. We provide free Android simulator and emulator that we use for Android training; we provide the PIC development boards, IDE and PICKIT2 programmer that we use for the embedded system/Microcontroller module. Trainees may take notes as all training materials are soft copies.

Each module is a one week program. We use 3 hours a day for 5 days to deliver a practical intensive course.

Considering that we place no limitation on the number of students who may want to acquire know-how of these technologies, *FASMICRO sends her staff to the venue provided by the Department. Bearing in mind that students have other lectures to attend, each of the training lasts only 3 hours a day.

The training can also be adapted to fit any conditions your organization wants. In as much it will not affect the quality of our services.

*This is applicable if we will come to the school to conduct the training.

What you get

We will do a one day free seminar on the relevance and importance of Android and microcontroller/embedded system development for the student body i.e SEEES or NCSS (electrical engineering, computer science, etc).

Your students will acquire the most current knowledge on android and embedded system/microcontroller device development. This will in turn make the students to be more aware and able to design and develop software and devices using these technologies and hence they will be more marketable when they leave school.

The Department gets 1 (one) OVIM tablet pc if up to 100 students come for the training. It may be in the lab for further use by the students.

Cost

The price is set considering the limited resources of students. Each student pays N6, 000.00 (Six Thousand Naira) only per module. A student that pays for both modules gets 10% discount i.e he pays N10,800.00 (Ten Thousand Eight Hundred Naira) only.

Registration

Pay into our bank account:

Union Bank Plc account #: 1071020017503

Account owner: First Atlantic Semiconductors & Microelectronics Ltd

You can also visit our office and make payment. Please after bank deposit/payment, send your name and photocopy of bank teller to Fasmicro office on #124A Okigwe Road, Owerri or our Lagos office in Allen Avenue Ikeja.

Conclusion

Knowledge is the tool that gives a man competitive edge over his colleagues. In the field of computers/ communication Engineering, keeping up with advances in hardware and software gives the competitive edge. FASMICRO offers that competitive edge.

Knowledge of Android and embedded system/microcontroller is indispensable in mobile computing software and hardware. FASMICRO offers your students an opportunity to become very knowledgeable and able to offer solutions using these technologies. Acquiring know-how of these technologies helps to bridge the technology gap and makes those who have it more marketable.