NETWORK OPERATIONS ON UNIX SYSTEMS ADMINISTRATION TRAINING FOR WOMEN

For many years, women and girls have played an important role in Science and Technology. In an effort to close the gender gap, you are invited to participate in an intriguing and educative online course on Network Operations on Unix System Administration. GAMCHIX in partnership with Internet Society will be offering a flexible eLearning online course also known as the "INFORUM", which participants can follow at their own pace. This capacity building course for women only will be made available in **April** and in **May 2018.**

As a curriculum developed by the Internet community, in addition to the Unix System Administration, it comes with additional information about the Internet Ecosystem, Global DNS infrastructure, Internet History and getting involved in IETF, editing Request for Comments (RFCs) and related organizations like ICANN, Internet Society (ISOC) etc.

This interactive introductory online course provides information and resources to fully involve Network Administrators and Systems Engineers in Network Operations and activities. The course is practically oriented and guides the trainee step by step on how to install and setup a working UNIX server, connect it to the Internet and then run a Caching Domain Name System (DNS) server in a Virtualized environment. The techniques covered in the course are applicable in real world environments to setup Internet-ready caching DNS servers. The course was developed over 9 months with assistance from several experts from within and out of Africa. It is a foundation course that provides trainees with necessary skills to allow them to progress to more advanced topics in the future.

STUDY ON YOUR TERMS

This course is free and it can be completed within ten (10) days depending on the participant`s pace. The course is 5 weeks long and there are at least 2 mandatory online calls to attend during the 5 week period. You will need to dedicate at least 6 hours a week over the 5 weeks.

SUMMARY OF COURSE

This course is comprised of nine (9) modules consisting of:

* Installing a UNIX/Linux Operating System in a Virtual environment
* Networking concepts – IPv4 and IPv6
* Installing 3rd party software on a UNIX or Linux platform using Software management tools
* Working with the UNIX/Linux shell
* Editing files in UNIX/Linux and creating simple scripts
* Building and activating a caching DNS Server
* Understanding the role of DNS in the Internet
* Introduction to the IETF and Request For Comments (RFC)

Read more about the course here.

COURSE BENEFITS

Benefits of completing the course include the opportunity to join the GamChix community of women in Technology in The Gambia, the AFNOG and AfChix community, where important exchange of ideas and resources are open among members from different sectors within and out of The Gambia.

Participants will also receive a certificate upon completion.

CONFIRM PARTICIPATION

You can confirm your participation on the Inforum by clicking here.

More information will be shared with those who confirm participation before the deadline on **Friday 13th April, 2018**. We look forward to your participation!

For any enquiries please contact info@gamchix.gm.