Education Committee (Ad Hoc) v1

Committee Charter

The purpose of the Education Committee (the "Committee") is to lead NANOG's efforts in the development of educational programs and its related curriculum. The Committee will provide guidance for NANOG developed educational programs aimed at professional development, educational programs aimed at supporting college students, and any other educational programs outside of those developed by the Program Committee. Once the Educational Committee has made its determinations, it will present its recommendations to the Board of Directors for final approval and funding.

- The Committee consists of at least one NANOG Board member, one Program Committee member and two NANOG members in good standing and which are appointed by the NANOG Board of Directors. Including representatives from the board, the committee should consist of no less than 6 and no more than 8 members.
- All Committee members are required to sign the appropriate NANOG NDA.
- It is advisable that at least one member of the Committee has experience teaching at a University or College level.
- Having members with curriculum development experience would be advantageous.
- Committee members must establish a regular meeting schedule that is sufficient to meet NANOG's educational objectives.

Vision for the Program

NANOG was founded with the singular purpose of providing education to the network engineering and operations community. To date, the tri-annual NANOG program and the mailing list have been the primary vehicle to accomplish the mission, however, we would like to further expand our educational programs to include classroom settings, initially physically but eventually online as well. After the program gets well established, it could conceivably also offer vendor neutral certifications.

Roles and Responsibilities

The Education Committee provides guidance and oversight for educational programs outside of those managed by the Program Committee. To meet its responsibilities, the Committee must do the following:

- Assure that curriculum is well developed, clear and complete
- Interview and approve instructors to deliver NANOG educational content.
- Development of both in person and online educational programs.
- Propose program budget for Board evaluation and approval.
- Initiate activities that promote enhancement of the learning process.
- Provide guidelines and criteria for the development of new courses and programs.
- Review and revise procedures associated with curriculum development.
- Consult NANOG members and the professional community for relevant and timely topics.
- Encourage and facilitate innovation in the curriculum.
- Assure that assessment is built into the curriculum proposal.
- Ensure learning outcomes align with program objectives.
- Present recommendations to NANOG's Board of Directors for approval and funding.
- Once new programs are approved, the Committee will work with the Executive Director to execute the new programs.

Scope of Work for 2021

- Create a list of potential courses
- Downselect the list of potential courses to 12 courses that would be developed within a 3 year time frame ('3 year curriculum')
- Assess existing NANOG-owned course material for relevancy and currency against the '3 year curriculum'
- Assess availability and suitability of the previous instructors of NANOG-owned courses for teaching the courses in 2021
- Estimate costs of creating the curriculum and paying instructors for 2021 and 2022. 2021 budget not to exceed $25,000.
- Put on two classes at the fall NANOG, either from the existing course material or new courses that would be developed
- Assess past tutorials that we have video content for already and determine how to integrate this content into the curriculum
- All work output requires submission to the board as a recommendation for approval