

Who Needs to do What for the ITU Academy

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ITU Academy e-learning courses trends

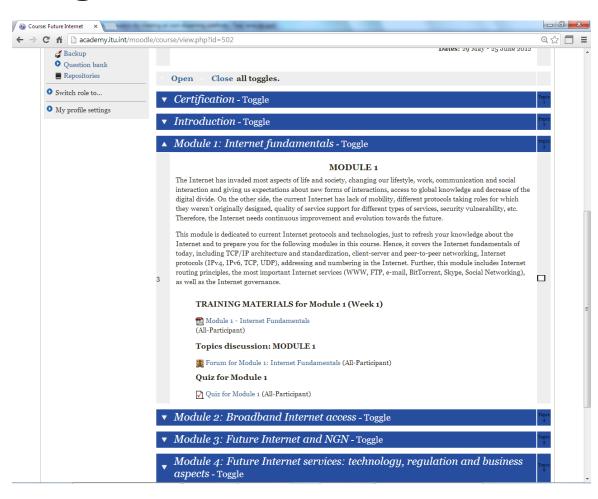
- Use of emerging Internet-based technologies
- Variety of curricula to fit different target student groups
- Good course development preserves individuality of instructor's teaching style
- A perfect online course is a process, not a goal
- Design and build spontaneity into your course
- Reach out and touch your students with your course work
 - However, it depends upon the professor/instructor/tutor



Structure and design

Hypermedia Structure

 Allows individual to access a multitude of pages





Advantages of the e-learning

- Class work can be scheduled around personal and professional work
- Reduces travel cost and time to and from school, university or training centre
- Learners may have the option to select learning materials that meets their level of knowledge and interest
- Learners can study wherever they have access to a computer and Internet
- Self-paced learning modules allow learners to work at their own pace
- Flexibility to join discussions in the threaded discussion areas at any hour
- Different learning styles are addressed and facilitation of learning occurs through varied activities



Disadvantages of the e-learning

- Unmotivated learners or those with poor study habits may fall behind
- Lack of familiar structure and routine may take time to getting used to
- Students may feel isolated or miss social interaction
- Instructor may not always be available on demand
- Slow or unreliable Internet connections can be frustrating
- Some courses such as traditional hands-on courses can be difficult to simulate in e-learning



Sub-Objectives of the ITU Academy

- To work with members, stakeholders and partners in setting priorities for ICT training, development and human capacity-building;
- To commission the design of training, development and human capacity-building solutions in response to agreed priorities, drawing on the services of recognized experts;
- To create a library of ICT learning and human capacity-building resources;



Activities to Deliver the Objectives

- Creating a web portal as a single point of entry to all ITU training products and services, together with a service catalogue.
- Coordinating all human capacity-building activities, providing a strategic development framework for future training design.
- Offering a showcase for the ITU's capacity-building solutions.
- Coordinating service delivery through partner organizations such as the global networks of Centres of Excellence.



How the target student group influences the content creation?

- For students at the university there is more:
 - Theory
 - □ Analytical exercises
 - Lab exercises
- For employed participants, the experience shows that elearning course is good to provide:
 - □ Less analytical approach with equations (since math is harder to learn on distance)
 - □ More interdisciplinary approach, such as combination of the technology, as well as business aspects and regulation aspects
 - Of course, there is needed knowledge in different fields to provide higher value into the contents and the course in general



How to increase mutual cooperation between Academia and ITU?

- The cooperation is in fact implemented through the ITU Academy, which has been established as the lead agent for all ITU human capacity-building activities
 - □ Through the network of Centres of Excellence (CoE)
 - Through the roster of experts used by ITU in different mission
- The "next wave" of CoE (2015-2018) is already defined
- The way to increase the cooperation between ITU and Academia is via cooperation with CoE and experts, because CoE network is the strongest official link.
 - That results in training activities provided via the ITU Academy



How to increase the appeal for trainings offered via the ITU Academy?

- One way is to extend the current portfolio of training programs, and
 - ☐ To **continue the successful** programmes with updated curricula
 - To use multiple delivery channels: e-learning trainings, face-to-face, blended
 - □ To use ITU Academy as a medium for **capacity-building** of managers and engineers, but also other with **inter-disciplinary** interests in telecommunications/ICT areas
- With creation and delivery of well structured and well designed courses, considering the ITU-D focus areas:
 - □ from World Telecommunication Development Conferences (WTDC)
- By using successful practices (where participants are satisfied) increase the appeal for participation in future ITU Academy courses
 - Participants that are satisfied by a given course will join some of next ITU courses, and vice-versa



How to create good e-learning practices?

- Best e-learning practices are created by evolution of courses and the e-learning process by:
 - □ Finding the most relevant subject areas/sub-areas
 - Preparing quality training materials in timely manner
 - □ Providing professional and encouraging work
 - □ Improving the course organization
 - Setting a course scheme that fits participants needs and creates high user experience
 - □ Focusing on students (i.e., course participants) and what they need:
 - Organization and coordination before, during and after the course
 - Quick response on all queries on all issues (e.g., contents, administration, anything else)
 - Good timing of all events (e.g., modules, forums, quizzes)
 - Consistency in everything related to the e-learning course
 - □ Efficient post-course administration



Who needs to do what for the ITU Academy?

- ITU and Academia (Professors/Instructors/Experts):
 - □ To provide excellence of the training (including organization, creation, coordination, delivery, and certification)
 - □ To provide diversity of ITU Academy trainings
 - For capacity building of all ages, with focus to ICT professionals
 - □ To deliver information about a given ITU course to different parties (marketing)
 - ☐ To complement university level education on long terms
- ITU Academy:
 - ☐ To maintain **high reliability** (administrators work)
 - Online payments (where fees are applied) will be beneficial for easy enrolments
 - Different tools for courses delivery



Who needs to do what for the ITU Academy?

- Professors, tutors and experts (coming from Academia):
 - □ To have pedagogical, technical and administrative skills for elearning trainings via the ITU Academy (to learn how ITU Academy works, and how the administration around the course should be done)
 - □ To deliver information about the course to its contacts (colleagues, students), which may be interested to enroll in the given course, and publicly (e.g., web), i.e., to complement the marketing process.
 - □ To provide high quality training on a given topic to a specified target group on a global scale (since ITU is a global organization)
 - That is the best marketing

