



ICT Security study programme Module experimental review

Introduction

The purpose of this form is to provide an assessment of a particular module within **the ICT Security** study programme. The study programme consists of an aggregate of modules (the curriculum) which have been developed within the SALEIE programme. In order to further improve the quality of a particular module, in terms of content (including reference to the identified key global challenges) and pedagogical aspects (including the current and emerging delivery and assessment methods), a module would be reviewed (referred to here as an **experimental review**) and the review would be captured in this form.

Definitions used

Within the SALEIE project, the following definitions are used:

Curriculum	The aggregate of modules of study given in a learning environment. The modules are arranged in a sequence.
Syllabus	Is an outline and summary of topics to be covered in an education or training programme.
Programme	A plan of modules to be covered to achieve a specific degree and/or qualification.
Module	Lectures, labs and other activities related to one topic.

Module details

Module name	<u>Security Management</u>
Module code	<u>ICT15B5</u>

Reviewer details

Note: The reviewer **personal information** will be for **internal use only** within the SALEIE project and will not be published.



**Project funded by the EU Lifelong Learning Programme
Project Reference No. 527877-LLP-1-2012-1-UK-ERASMUS-ENW**

Experimental review

The module is to be reviewed according to the following criterion:

Pedagogical approach

Aspect	Reviewer comments
Content delivery approaches Is there a broad range of content delivery methods (including at-presence teaching and learning, e-learning, lectures, tutorials, laboratories).	Yes. At-presence teaching, exercises, labs in networking labs, workgroup with presentations using slides, project works as team.
Assessment methods Are there a broad range of assessment methods adopted? Does the assessment rely on a single final exam or does it include continuous assessment? If there is group work assessment, is this suitably structured?	Yes, continuous assessment for labs and some other activities (presentations) and a final exam.
Inclusion of team and individual project work What project work is undertaken by the students?	The students have to design and implement a secured network, organized as a group and in connection with the project management course. They are organized as a group of 3 teams of 2 people, one acting as the leader of the group.
New pedagogical approaches Does the module consider and include contemporary and emerging pedagogical approaches which are suitable for the module?	Yes. Project-based learning, teamwork, presentation with slides.
Student feedback Is there any student feedback on the module available?	Yes. Each year, students have to fill a questionnaire relative mainly to pedagogic approach. The results of these are discussed globally during the "teaching department council".
Staff feedback Is there any staff feedback on the module available?	Not really. Discussions during the "teaching department council"

Content

Relevance to global technical challenges Refer to the identified challenges within the SALEIE project. Reference should be made to work package 3, deliverables D3.2 & D3.3, "REPORT ON EXISTING PROGRAMMES ORIENTATED TO KEY CHALLENGE AREAS"	Mainly "Global convergence of IT" with potential applications on other applications
Technical aspects Are the technical aspects suitably addressed and at	Yes, there are labs in a networking lab within this module. Industry is involved at two levels but not at



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<p>the right academic level? Is there any industry input and support for projects and internships within the module?</p>	<p>the level of the module itself. Industry is present for the definition and evolution of the contents (each 5-year during the accreditation process), and industry also welcomes students for 16-weeks internship periods in the 3rd year of the bachelor course. But industry is involved actually at the level of the complete programme.</p>
<p>Non-technical aspects Are there any generic and transferable competences appropriate to the industry sector?</p>	<p>Workteam activity, presentation with slides. An international class is also available, dealing with multicultural aspects, especially during the academic project.</p>
<p>Relevance and “up-to-date” of content Is the content (including module title) attractive to industry and complements European Union (EU) economic development and employability of the graduates? Is there a good balance between the breadth and depth of content covered</p>	<p>The title of the module “Security Management” is quite clear relative to the content. The attractiveness comes from the “security” aspect which is known as a global challenge by many people (so potential students) and also by industry. There is a good balance between breadth (management aspect, methodology, project) and depth (scientific and technical aspects, labs)</p>
<p>Student feedback Is there any student feedback on the module available?</p>	<p>Yes, but the student feedback is more relative to pedagogical approaches.</p>
<p>Staff feedback Is there any staff feedback on the module available?</p>	<p>Not really.</p>

Document version

Version number: 1

Date: 16th May 2015