



Communication Strategies in Education and Distance Learning

János Kappelmayer
and
Eduardo Freggiaro
Communication and Publications Division



IFCC
International Federation
of Clinical Chemistry
and Laboratory Medicine



Education is changing



21st century: blended learning strategies
How to convey and evaluate knowledge in an online environment?



3/20

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Scratch Gently to Reveal Code

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Two types of formal courses that are all
(i) thematic , (ii) done in Hungarian,
(iii) ends with a written exam

5/20

Single topic, 5 days, mostly local speakers
Both seminar and lab practice



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Two types of formal courses that are all
(i) thematic , (ii) done in Hungarian,
(iii) ends with a written exam

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Single topic, 5 days, mostly local speakers
Both seminar and lab practice

More topics, 3 days/week, road-show type
Only seminars



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Classic versus Online teaching

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Accessibility of experts

Feasibility of travelling

Budget issue

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The birth of eAcademy...

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IFCC Committee of Internet and e-Learning
Development of an online platform

IFCC Committee of Distance Learning
Development of a curriculum and contents

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eAcademy principles

9/20

In 2012 UNESCO signed "The Paris OER Declaration".

Calls on governments worldwide to openly license publicly funded educational materials for public use.

eAcademy supports the OER principles for benefits of its societies.



<https://en.unesco.org/oer/paris-declaration>

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IFCC eAcademy

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An open educational resource freely available to laboratory professionals and trainees around the world. eAcademy webinars have been developed by international subject matter experts for the continuous professional development of members of IFCC member societies and federations.



The IFCC eAcademy is an open educational resource freely available to laboratory professionals and trainees around the world. eAcademy webinars have been developed by international subject matter experts for the continuous professional development of members of IFCC member societies and federations. This new educational tool is managed by the IFCC Committee on Internet and Distance Learning (C-IDL) and financially supported by Siemens Healthineers. Suggestions for topics, content or contributors may be made using the Contact Us form on the IFCC website.

The IFCC Curriculum was developed by the C-IDL to be a guide for IFCC member societies in their development of syllabuses for postgraduate trainees in laboratory medicine. It is also intended to provide a resource for trainees in planning their private study in preparation for academic and professional qualifications. Phase one of the curriculum addresses concepts related to Laboratory Organisation and Management and Blood Sciences (Clinical Chemistry and Immunology). Future editions to the curriculum will expand the scope to other disciplines within laboratory medicine.

[Click here to download the IFCC Curriculum](#)



<http://eacademy.ifcc.org>

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 IFCC eAcademy 11/20


121 modules

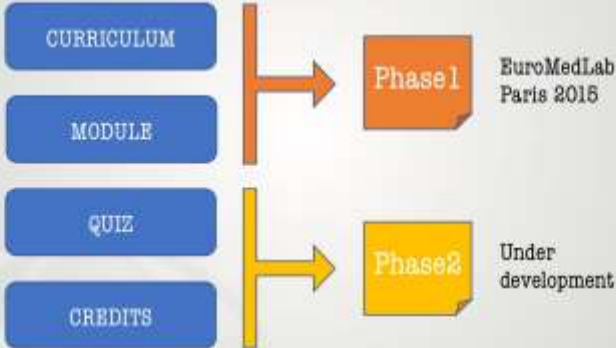
Quality Management and Accreditation 11 Topics 21 modules	Methodology 11 Topics 1 module	Core/Stat Laboratory 11 Topics 10 modules
Endocrinology and Metabolism 11 Topics 21 modules	Drugs and Drug Monitoring 11 Topics 2 modules	Neoplasia 11 Topics 2 modules
Genetic Testing 11 Topics 2 modules	Other Areas of Laboratory Medicine 11 Topics 11 modules	

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 Structure of the eAcademy 12/20



CURRICULUM


MODULE

QUIZ

CREDITS

Phase 1 EuroMedLab Paris 2015

Phase 2 Under development



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The screenshot shows the IFCC eAcademy website interface. At the top, there is a navigation bar with the IFCC logo and the tagline 'Advancing excellence in laboratory medicine for better healthcare worldwide'. Below this, there are several menu items: Executive Board and Council, Scientific Activities, Education and Management, Communications and Publications, Congresses and Conferences, and Resources & Downloads. The main content area features a search bar and a list of topics. The selected topic is 'Medical Laboratory accreditation: What is it and why is it important', which is displayed as a video player. To the right of the video player, there is a 'Summary' section with a 'History' tab, a 'IFCC Webinar' section featuring a photo of Dr. Jonathan Swartz, and a 'Keywords' section. A URL bar at the bottom of the screenshot shows 'http://eacademy.ifcc.org'.

<http://eacademy.ifcc.org>

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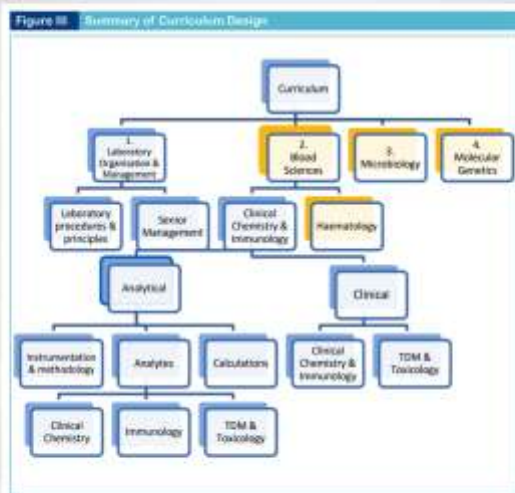
- Developed by C-DL
- Serves as a guide for:
 - National Societies members of IFCC for the developing of its own postgraduate educational programs.
 - Professionals who wants to plan their personalized study programs.
- Gives a hierarchical structure for eAcademy contents.
- Phase 1 covers the following areas:
 - Laboratory Organization and Management
 - Clinical Chemistry and Immunology
- This is a document in permanent revision by C-IDL

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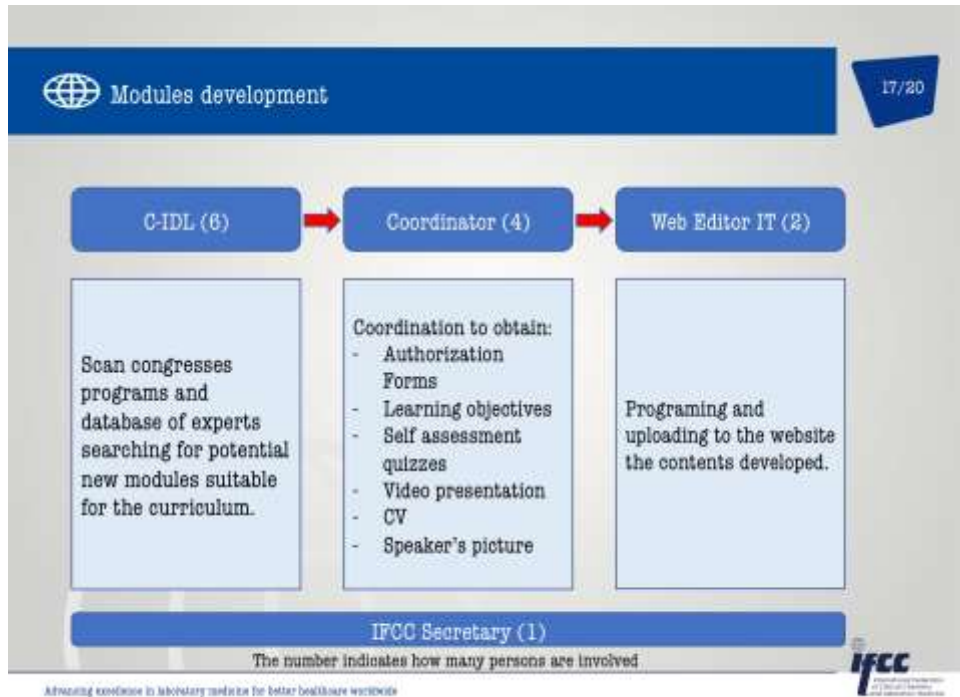
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In yellow, areas to be developed in future versions.

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IFCC eAcademy Phase 2 18/20

- New capabilities will be available:
 - Users profiles
 - Self-assesment quizzes
 - Certificates of participation
- The issuing of certificates was a petition of those countries that do not have a continuous posgraduate educational program.
- National Societies and Certification Programs can recognize eAcademy certificates for accreditation purposes

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19/20

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