



# Design of course materials destined to support formal and non formal learning through the use of e-learning technology

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Lifelong education

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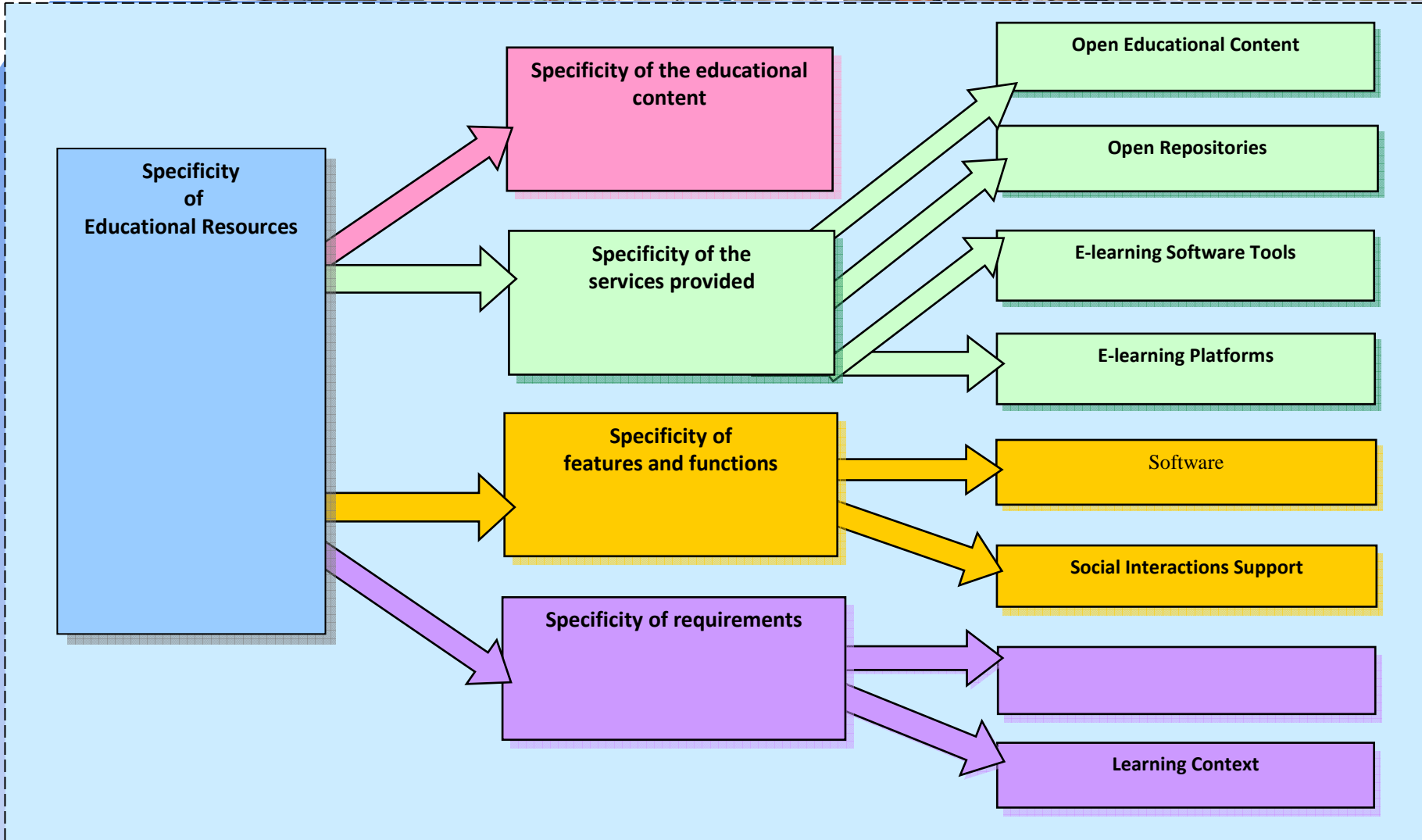
# What means on-line education

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- Users are free to choose
  - what
  - when
  - where
  - how
- to learn
  - They are responsible for the results of their effort.

# Specificity of educational resources



# Specificity of educational content

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- Specific educational domain - clearly delimited
- Specific resources: e-learning platform
- Specific target group
- Specific pedagogical objectives - educational results or context of the learning process.

# Specificity of model

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- a static model, wherein the specificity is the result of some “hard-wired” elements concerning the content and the services offered;
- user-friendly design
- a simple and efficient user interface
- low computational requirements.

# Structure model

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- the hyper-text model
- knowledge nodes interconnected in a network
- similar with organization of the information at the level of human cognitive–mental structures.

# Instructional Design Model

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- ADDIE-model
  - Analysis
  - Design
  - Development
  - Implementation
  - Evaluation.

# Analysis Phase

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- learning domain – installation of drywall systems for building interiors
- learning objectives - technology of interior drywall systems
- who is the learner – low skilled workers
- what is the delivery form – on-line and off-line



# Design Phase

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- Instructional strategy - indirect instruction.
- Indirect instruction is mainly centered on the learner encouraging his interaction with the system.
- Independent study helps the learner in having initiative, being self-reliance and self-improver.

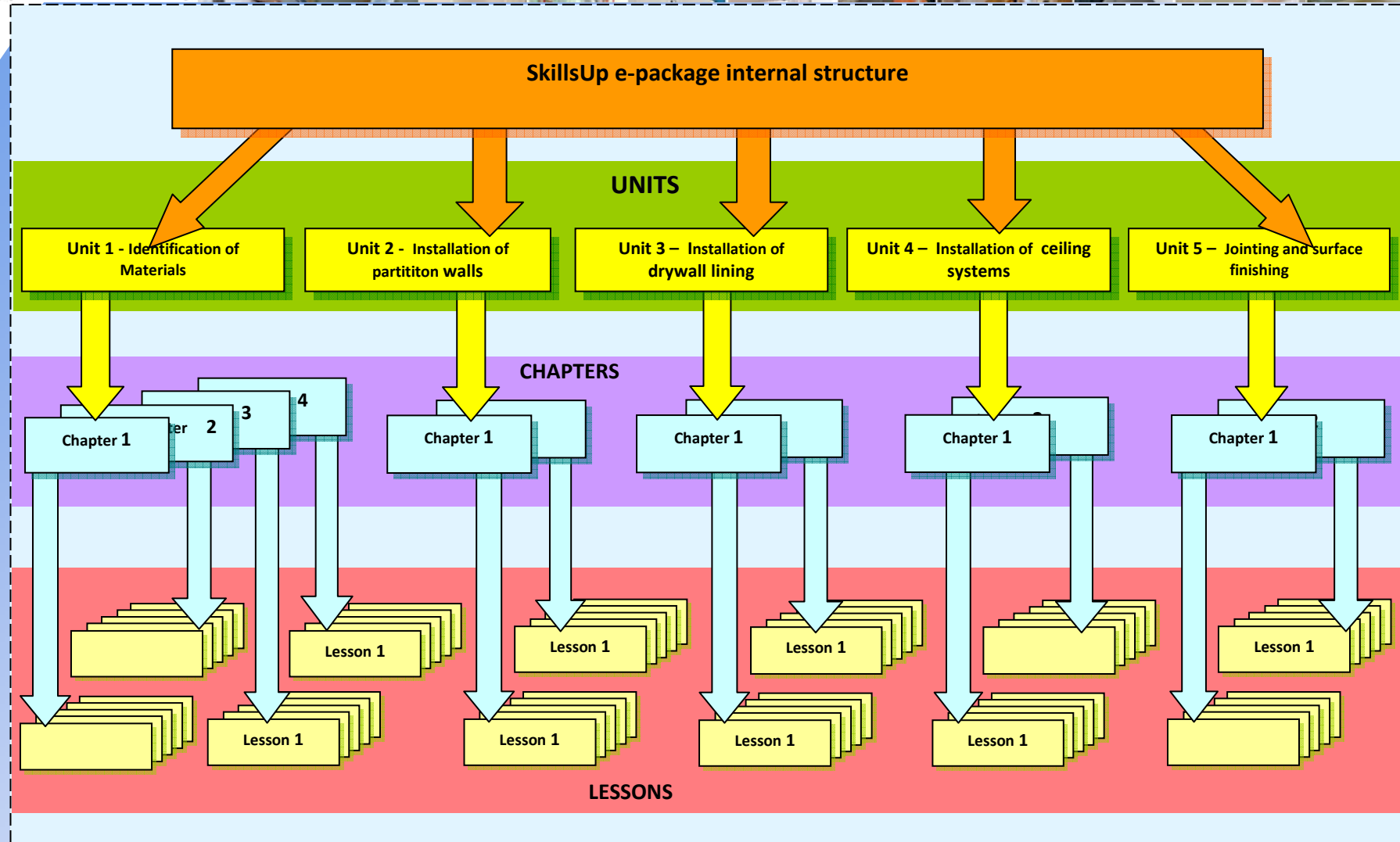
# Develop Phase

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- The learning material is divided in units, chapters and lessons.
- five units
- each unit can have one to four chapters.
- each chapter contains lessons dealing with only one learning subject.

# Educational content structure



# Implementation Phase

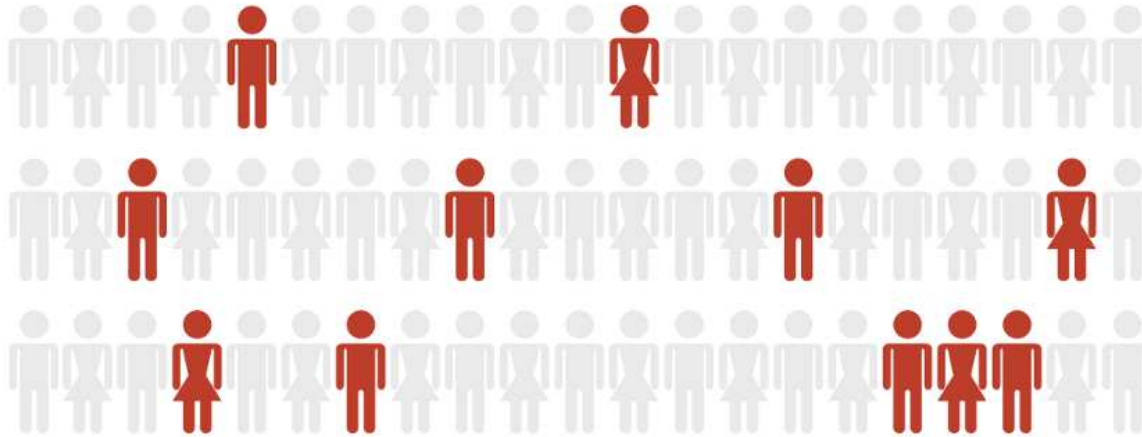
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## SKILLSUP

System for nonformal and informal learning  
for low-skilled workers

 Lifelong learning programme LEONARDO da VINCI

## Technology of Drywall Systems

E-learning package and platform for continuing education in  
the field of interior drywall systems installation.

Project No. 2010-1-PL1-LE005-11472



PROJECT SKILLSUP NO. 2010-1-PL1-LE005-11472

Supporting System for non-formal and informal learning for  
low-skilled workers.



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Header

Body

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# The units



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## Units

Unit 1 Identification of Materials used in Technology of Interior Drywall Systems

Unit 2 Installation of Partition Wall Systems

Unit 3 Installation of Drywall Lining/Curtain-wall/Pre-wall Systems

Unit 4 Installation of Suspended Ceiling Systems

Unit 5 Jointing and Surface Finish

# The lesson

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- Contains text and explicative drawings.
- Each lesson is included in a separate web page
- The length of lessons is chosen to fit in one page that can be viewed in approximate one screen.

# Learning system functionalities

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- The access to the on-line web-site
  - User
  - Password
- The learning package versions: English, Polish, Italian, and Romanian.

# The page footer

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- Contains
  - buttons with links for the next and previous lesson and tool-tip with the name of the lesson
  - link for current unit
  - link for current chapter with tool-tip for the name
- Provides easy navigation

**Notice:** End of Chapter. You can choose revision questions or Lesson 1 in next Chapter.

Unit 1 • Chapter 3

Revision questions and practical tasks

ITC INOIK ENAIP Frituli Venetia Giulia UGAL PROJECT SKILLSUP NO. 2010-1-PL1-LEO05-11472 Supporting System for non-formal and informal learning for low-skilled workers. Education and Culture Lifelong learning programme LEONARDO DA VINCI

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# The page header

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- Contains
  - the unit number
  - the chapter number
  - the title
- Easy orientation

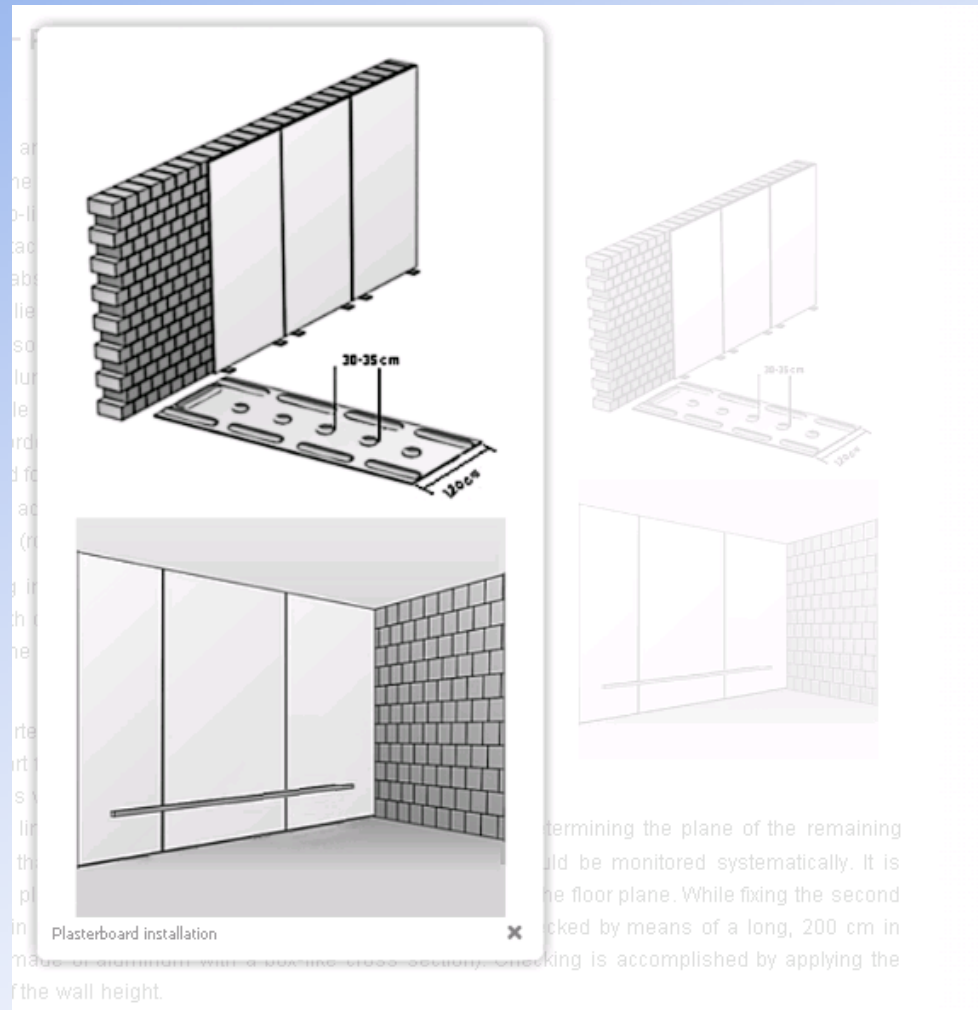
**Unit 3** Chapter 1  
Lesson 4 – Wall lining installed on CD60 steel profiles

# The drawings

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- keep the proportion between suggestive content and accuracy of representation.
- have attached links to a bigger image



# How to use SKILLSUP

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- Internet connection to the [www.skillsup.ugal.ro/](http://www.skillsup.ugal.ro/)
  - User: **skillsup**
  - Password: **skillsup**
- No limit time.
- No assessment obligation.



# Thank you for your attention!

[www.skillsup.eu](http://www.skillsup.eu)



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