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ReThink Finance - integrating innovative paradigms and digital technologies into financial teaching and literacy

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ID 1 Curricula for the Intensive Training for Teaching Staff “Development of digital skills and modern teaching methods for economics teachers”

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1. Aim

To improve Finance lecturers' skills on digital learning.

2. Objectives

To develop and construct skills and knowledge on basic and advanced aspects of digital learning courses and techniques.

3. Theoretical and practical knowledge to address online teaching in finance

TOPIC 1			
Conceptual framework of online teaching and new academic environment in finance			
Time	Learning goals and activities	Agenda	Resources
2 hours	<ol style="list-style-type: none"> Learning goal: To get familiar with the digital transformation of education and observe the trends in finance. Workshop methods used: Trainer's presentation; discussion; case study. Expected outcome of the session: Constructed knowledge about the digital trends and possibilities in teaching finance. 	<ul style="list-style-type: none"> General & attendants' introduction. Introduction to online finance teaching. 	Computer classroom for students with Internet access, projector, written material.
TOPIC 2			
Technical environment of online teaching			
Time	Learning goals and activities	Agenda	Resources
2hours	<ol style="list-style-type: none"> Learning goal: To get familiar with the 	<ul style="list-style-type: none"> Learning management systems. Adapting learning and 	Computer classroom for students with Internet access, projector, written material.



	<p>digital environment of online teaching.</p> <p>2. Workshop methods used: Trainer's presentation; discussion; case study.</p> <p>3. Expected outcome of the session: Constructed knowledge about the digital paper and kind of digital thinking. How to adapt traditional teaching to modern learning.</p>	<p>teaching applications</p> <ul style="list-style-type: none"> • Available resources 	
<p>TOPIC 3</p> <p>Practice. Familiarisation activities with online platforms. From the simple to the most complex</p>			
Time	Learning goals and activities	Agenda	Resources
1,5 hours	<p>1. Learning goal: To develop basic and advanced skills to access specific online teaching platforms.</p> <p>2. Workshop methods used: Practical activities in online teaching course created by the ULPGC.</p> <p>3. Expected outcome of the session: Practical-oriented knowledge about the levels of skills required in online teaching to be able to develop further skills from them.</p>	<ul style="list-style-type: none"> • First contact with the online course created by the ULPGC. • Basic and advanced practices with the online course created by the ULPGC. 	<p>Computer classroom for students with Internet access, projector, written material.</p> <p>Online teaching course created by the ULPGC.</p>



TOPIC 4

Different learning profiles in digital settings

Time	Learning goals and activities	Agenda	Resources
2 hours	<ol style="list-style-type: none"> 1. Learning goal: To become aware of the different types of learning approaches that students might have in online environments. 2. Workshop methods used: Trainer’s presentation; discussion; case study. 3. Expected outcome of the session: Achievement of understanding of the different target audiences that we can face in university teaching in finance. 	<ul style="list-style-type: none"> • Knowledge profiles of students regarding online teaching. • Discussion of finance students of the future. 	Computer classroom for students with Internet access, projector, written material.

TOPIC 5

Strengths and weaknesses of online teaching and learning in finance

Time	Learning goals and activities	Agenda	Resources
2 hours	<ol style="list-style-type: none"> 1. Learning goal: To reflect and understand the strengths and weaknesses of the online student in finance. 2. Workshop methods used: Trainer’s presentation; discussion; case study. 	<ul style="list-style-type: none"> • Online teaching strengths in finance. • Online teaching weaknesses in finance. • Methods to take advantage of strengths and to limit weaknesses. 	Computer classroom for students with Internet access, projector, written material.



	3. Expected outcome of the session: Obtaining learning resources to be able to overcome the weaknesses and build on the strengths of online students in finance.		
TOPIC 6			
Practice Creating practical online finance teaching content in Moodle			
Time	Learning goals and activities	Agenda	Resources
1,5 hours	<ol style="list-style-type: none"> 1. Learning goal: To practise the theoretical knowledge constructed on Day 1 activities and propose the creation of practical content for online finance teaching in Moodle by the participants. 2. Workshop methods used: Practical activities created by the participants and analysed and discussed in common. 3. Expected outcome of the session: Encouraged creativity in the definition of different types of activities in finance on any type of platform. 	<ul style="list-style-type: none"> • Proposal of activities by the participants. • Analysis and discussion of the common proposals. • Conclusions and characteristics of suitable types of activities. 	<p>Computer classroom for students with Internet access, projector, written material.</p> <p>Online teaching course created by the ULPGC.</p>



TOPIC 7			
Basic principles to design an online course			
Time	Learning goals and activities	Agenda	Resources
1,25 hours	<ol style="list-style-type: none"> 1. Learning goal: To know the key aspects to design a coherent online course. 2. Workshop methods used: Trainer’s presentation; discussion; reading to be commented. 3. Expected outcome of the session: Constructed knowledge to be able to define an online course. 	<ul style="list-style-type: none"> • Designing and setting significant course outcomes. • Online course design. 	Computer classroom for students with Internet access, projector, written material.
TOPIC 8			
Online activity formats			
Time	Learning goals and activities	Agenda	Resources
2 hours	<ol style="list-style-type: none"> 1. Learning goal: To know the key aspects using several elements to present learning concepts and formats from text to multimedia. 2. Workshop methods used: Trainer’s presentation; discussion. 3. Expected outcome of the session: Constructed knowledge to be able to get involved in students page design. 	<ul style="list-style-type: none"> • Overall design, themes, and tabs, multilingual. • Multimedia communication. 	Computer classroom for students with Internet access, projector, written material.



TOPIC 9

Practice Addressing the different types of online students in finance

Time	Learning goals and activities	Agenda	Resources
1,5 hours	<ol style="list-style-type: none"> Learning goal: To practise the theoretical knowledge constructed on Day 2 activities about types of online students in finance. Workshop methods used: Practical cases proposed by the trainers, analysed, and discussed jointly with participants. Expected outcome of the session: Achievement of instruments to analyse the different types of online students in finance online teaching. 	<ul style="list-style-type: none"> Role-play of various case studies. Facing the solution of practical cases. Drawing conclusions from the various case studies. 	<p>Computer classroom for students for students with Internet access, projector, written material.</p> <p>Online teaching course created by the ULPGC.</p>

TOPIC 10

New methods in online teaching in finance

Time	Learning goals and activities	Agenda	Resources
1,33 hours	<ol style="list-style-type: none"> Learning goal: To learn about some of the new online teaching methods in finance. Workshop methods used: Trainer's presentation; discussion; case 	<ul style="list-style-type: none"> New pedagogical methods of the online finance lecturer. New methods of audiovisual teaching in finance. 	<p>Classroom computers for students with Internet access, projector, written material.</p>



	<p>study; reading to be comment.</p> <p>3. Expected outcome of the session: Knowledge of the modern trends of online teaching in finance.</p>		
<p>TOPIC 11</p> <p>New materials in online teaching in finance</p>			
Time	Learning goals and activities	Agenda	Resources
1,33 hours	<p>1. Learning goal: To learn about some of the new online teaching materials in finance.</p> <p>2. Workshop methods used: Trainer’s presentation; discussion; case study.</p> <p>3. Expected outcome of the session: Knowledge of modern materials of online teaching in finance.</p>	<ul style="list-style-type: none"> Written materials for the innovation of online teaching in finance. Audio-visual materials for the innovation of online teaching in finance. 	Computer classroom for students with Internet access, projector, written material.
<p>TOPIC 12</p> <p>Cognitive science and online teaching</p>			
Time	Learning goals and activities	Agenda	Resources
1,33 hours	<p>1. Learning goal: To understand how students learn online.</p> <p>2. Workshop methods used: Trainer’s presentation; discussion.</p>	<ul style="list-style-type: none"> Foundations of modern cognitive science applied to education. Cognitive science and online teaching. 	Computer classroom for students with Internet access, projector, written material.



	3. Expected outcome of the session: Constructed knowledge on how students' brains work to facilitate online learning.		
TOPIC 13			
Practice. Creating innovative formats and pills			
Time	Learning goals and activities	Agenda	Resources
1,5 hours	<ol style="list-style-type: none"> Learning goal: To foster innovative formats (e.g., video). Workshop methods used: Practical activities with video formats. Expected outcome of the session: Learning of interactive media to increase student attention and interest on learning on finance teaching. 	<ul style="list-style-type: none"> • BBB Recordings. • Team Recordings. • OBS record and broadcast. • OpenShoot. 	<p>Computer classroom for students for students with Internet access, projector, written material.</p> <p>Chroma Screen.</p>
TOPIC 14			
Evaluation			
Time	Learning goals and activities	Agenda	Resources
2 hours	<ol style="list-style-type: none"> Learning goal: To know the strengths and weaknesses of the different types of online evaluation applied to finance. Workshop methods used: Trainer's presentation; 	<ul style="list-style-type: none"> • Evaluation through multiple choice questions. • Evaluation by role-play. • Evaluation of joint work. 	<p>Computer classroom for students with Internet access, projector, written material.</p>



	<p>discussion; case study; reading to be comment.</p> <p>3. Expected outcome of the session: Achievement of familiarity with the different types of online evaluation applied to finance.</p>	<ul style="list-style-type: none"> • Evaluation through problem solving. • Textual coincidence tools. 	
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TOPIC 15

Future

Time	Learning goals and activities	Agenda	Resources
2 hours	<p>1. Learning goal: To know the future projection of teaching techniques in finance.</p> <p>2. Workshop methods used: Trainer’s presentation; discussion; case study; practical examples.</p> <p>3. Expected outcome of the session: Getting the participants prepared for the future of learning and teaching.</p>	<ul style="list-style-type: none"> • Videoconference teaching and adaptative learning. 	Computer classroom for students with Internet access, projector, written material.

TOPIC 16

Practice How to integrate new pedagogical trends into online teaching

Time	Learning goals and activities	Agenda	Resources
1,5 hours	<p>1. Learning goal: To practise with the knowledge about new methods presented above.</p>	<ul style="list-style-type: none"> • Creation of teaching pills with new methods by the participants. 	Computer classroom for students with Internet access, projector, written material.



	<ol style="list-style-type: none"> Workshop methods used: Practical activities in online teaching course created by the ULPGC. Expected outcome of the session: Getting the participants to approach the new methods from practice. 	<ul style="list-style-type: none"> Sharing of the strengths and weaknesses of the new methods exposed. 	
TOPIC 17 Evaluation of future digital learning in finance			
Time	Learning goals and activities	Agenda	Resources
4 hours	<ol style="list-style-type: none"> Learning goal: To apply all the knowledge constructed in the course. Workshop methods used: Practical activities in online teaching course created by the ULPGC. Expected outcome of the session: Reflection and added value on the knowledge constructed in the course from practise. 	<ul style="list-style-type: none"> Presentation by each group of a course (5 groups of 5 participants each) during 20 minutes. Analysis of each course by the rest of participants (15 minutes). Sharing results and analyses (10 minutes). 	<p>Computers with Internet access.</p> <p>Courses prepared for all the groups.</p>



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