

Pla de formació

2024



Institut
de Recerca i Tecnologia
Agroalimentàries

Pla de Formació

R+D+T



Pla de Formació
Transversal

[Accedeix als Criteris de Formació](#)

Personal
Development
and Soft Skills

Technical and
Management
Skills





Personal Development and Soft Skills

1. Career Development for PhD candidates
2. Research presentations and posters: from design to delivery

One edition has been planned for each training action. Based on the demand, and the training budget, it may be extended to new editions



Carreer Developement for PhD candidates

Modality: face to face Torre Marimon and On-line

Schedule: 9h split in 3 sessions

Editions: 1

Target: Last year PhD candidates

Lecturer: Scientific Direction IRTA -Anna Casadellà

Participants: 12

Description

This workshop aims to provide assessment to the last year PhD candidates when looking for the next career step. Practical exercises and case studies will be proposed to help identify skills and value them.

Content

The workshop is very interactive and based in practical cases where attendants can put in practice the new concepts and work on their CV and their network so to move on the professional goals. Outline:

1. What can I do after my PhD?
2. CV conditioning
3. Networking skills
4. Social networks
5. Types of interviews
6. Plan ahead

Objetives

This workshop aims to provide assessment to the last year PhD candidates when looking for the next career step.

Research presentations and posters: from design to delivery

Description

This two-day workshop is designed for IRTA researchers and future researchers who are interested in designing effective posters and presentations and perfecting their presentation skills.

Content

1. Introductions and research interests
2. Identifying effective content for presentations and posters
3. Comparing and identifying effective visuals for presentations and posters
4. Tools: exploring online tools for the creation of presentations and posters
5. What to say: writing effective “lightning talks”, poster explanations and presentation notes
6. Question-and-answer to refine home task products
7. Mini-conference in which participants take on the role of real presenters at a real conference
8. Reflection, conclusions, feedback

Objetives

The online portion of the course will consist of practical advice and tools for preparing posters and presentations, which participants will use to create a poster or short presentation for practice in the face-to-face portion. The face-to-face session will begin with a question-and-answer session to resolve any problems that came up during the home task and will continue in the form of a mini-conference, with a poster session followed by a series of presentations during which presenters will play the role of conference presenters and receive feedback from the instructor and from their peers

Modality: On-line and face to face (Torre Marimon)

Schedule: May 6th on line from 10h to 13h
May 14th face to face at Torre Marimon from 10h to 13h

Editions: 1

Target: PhD Candidates

Lecturer: B2B Translation – Lisa Mann

Participants: 15





Technical and Management Skills

1. [Becoming a Scientific Writer](#)
2. [Revising and resubmitting research papers](#)
3. [Competitive Funding: Tools, Perspectives and Processes](#)
4. [Introduction to R Programming](#)
5. [Introduction to Statistics](#)
6. [Industrial Property Rights \(IPR\) for Researchers and PhD Candidates](#)
7. [Lean Launchpad methodology to boost IRTA's innovations](#)
8. [How to search free patent databases](#)
9. [Horizon Europe overview](#)
10. [Participation in collaborative projects of the Horizon Europe program \(beginner - intermediate level\)](#)
11. [Workshop on iMarina](#)
12. [Open Science for Beginners](#)
13. [Understanding the Open Access environment](#)
14. [FAIR Data & Open Data: the management of digital data in research projects](#)
15. [Data Management Plan - Creation and evaluation of individual data management plans](#)
16. [Data Management Plan - creation and evaluation of data management plans in consortia \(Data Management Plans researchers\)](#)
17. [Data curation for Open Data publication](#)

One edition has been planned for each training action. Based on the demand, and the training budget, it may be extended to new editions



Becoming a Scientific Writer

Description

Participants will develop a deeper understanding of the structure of scientific papers, with a renewed focus on the purpose of each section and connections between them. As well as tips and tricks on how to structure and develop meaningful paragraph.

Content

1. Understanding the basic format of scientific and research articles.
2. Be familiar the content and grammatical feature in each section.
3. Scientific writing in English –words, sentences and paragraphs.

Objetives

The goal of this course is to help publishing scientists develop a more impartial, analytical view of scientific writing, to better understand their readers.

Modality: On line

Schedule: May 22th, 24th and 29th from 10h to 13h

Editions: 1

Target: Recommended for 1st and 2nd year PhD candidates.

Lecturer: Lisa Mann – B2B translation

Participants: 20



Revising and resubmitting research papers

Modality: On line

Schedule: June 11th and 17th from 10h to 12h

Editions: 1

Target: PhD candidates

Lecturer: Lisa Mann – B2B translation

Participants: 10

Description

This intensive workshop is intended for researchers who have submitted their work to an international journal and have either been asked to revise the English and resubmit or have been rejected at least partially on the grounds of the language quality. It is designed for smaller groups so that each participant can receive individualized advice and guidance on how to resolve the issues with his or her work

Content

1. Introductions and research interests
2. Types of resubmission requests and common issues
3. Critical re-examination of participants' own articles
4. Brief individualized advice sessions
5. Small-group review of modifications to participants' articles
6. Content of a resubmission response
7. Drafting a resubmission response detailing the modifications made

Objetives

By the end of the four-hour course, participants will have:

- Reviewed the various kinds of requests for resubmission an article can receive from a journal.
- Received advice for improving their article to address reviewers' critiques.
- Received guidelines for writing their formal resubmission response to the journal.
- Created a draft resubmission response for one of their own articles.



Competitive Funding: Tools, Perspectives and Processes

Description

One of the key messages in this course is to understand grant preparation, not just as a writing task, but as a Project Management and Communication task. At the end of the workshop, participants will have acquired a set of practical tools and concepts to facilitate the grant writing process, giving them a competitive advantage

Content

1. Developing your scientific idea
2. Charting the grant landscape
3. Interpreting the call
4. Organizing and connecting your ideas
5. Dealing with key sections for success
6. Tools for efficient, clear writing
7. Reverse planning for preparing and submitting

Objetives

The goal of this workshop is to boost participants' chances of obtaining competitive funding by providing training that is immediately applicable in their working environment.

Modality: On line and Face to face (Torre Marimon)

Schedule: May 30th face to face at Torre Marimon from 9:30h to 17:30h
June 5th and 6th on line from 9:30h to 13h

Editions: 1

Target: Postdoctoral Fellows

Lecturer: The papermill

Participants: 15

Fundación Estatal
PARA LA FORMACIÓN EN EL EMPLEO



"La publicación/resultado/equipamiento/video/actividad/contrato/otros es parte de la actuación REFERENCIA DE LA ACTUACIÓN, financiado por MCIN/AEI/10.13039/501100011033, siendo REFERENCIA DE LA ACTUACIÓN la referencia que figura en la resolución de concesión; MCIN el acrónimo del Ministerio de Ciencia e Innovación; AEI el acrónimo de la Agencia Estatal de Investigación; y 10.13039/501100011033 el DOI (Digital Object Identifier) de la Agencia.



Introduction to R Programming

Description

Learn the R programming environment, how to import and export data, how to work with loaded data, obtain general statistics, do the most common statistical analyzes and basic graphs.

Content

1. Introduction to basic concepts to R Programming
2. Getting started with R and RStudio
3. First Steps in R Programming
4. I/O Reading and writing data
5. Data management
6. Plotting data
7. Hypothesis testing in R
8. Linear regression models
9. Mixed lineal regression models

Objetives

To acquire basic knowledge in R Programming to perform statistical analysis with research data.

Modality: face to face

Schedule: To be determined

Editions: To be determined

Target: PhD candidates and Researchers

Lecturer: Miriam Piles and Manuel Ramon

Participants: To be determined



Introduction to Statistics

Description

This course will provide basic statistics knowledge. The meaning of standard distribution, mean, standard error etc. The basics of the definition of experimental design and the analysis methods of more common data. The main objective of the course is to create an environment where people lose their fear of statistics and can start working with their data. Although theoretical examples will be worked on, it is recommended that people bring their data so that they can work on real examples.

Content

1. Basics of statistics
2. Descriptors
3. Types of variables
4. Distributions
5. Data transformation
6. Sample design
7. Contingency tables
8. Multivariate Analysis (PCA)
9. Statistical assumptions,
10. Correlation vs Regression
11. ANOVA/ANCOVA
12. MANOVA/MANCOVA

Objetives

To acquire statistical knowledge that allow participants to get the most out of their own data

Modality: On-line for all centres except la Ràpita

Schedule: To be determined

Editions: To be determined

Target: PhD candidates

Lecturer: Carles Alcaraz

Participants: To be determined



Industrial Property Rights (IPR) for Researchers

Description

This course provides researchers with the basic's principles on Industrial Property Rights.

Content

1. Why are patents important in research?
2. Different IPR strategies
3. Patents
4. Plant variety rights
5. Trade secrets
6. IRTA policy on IPR
7. IRTA procedures on valorization
8. Practical examples

Objetives

Provide attendees with the knowledge on how to initiate an IPR process in IRTA, making them capable to identify which part of their work could be subjected to exploitation and/or protection and encouraging them to dedicate the adequate efforts to increase the impact of their job in our society.

Modality: face to face- Ràpita

Schedule: To be determined

Editions: 1

Target: Researchers and PhD Candidates

Lecturer: Agustí Fonts

Participants: To be determined



Lean Launchpad methodology to boost IRTA's innovations

Description

This course follows and teaches the Lean Launchpad methodology to test and develop business models based on querying and learning from costumers. A business mentor will assess the process with 2-hourmentorships meetings between sessions.

Content

1. Hands-on practice on Lean Launchpad methodology
2. Learn how to use a business model canvas
3. Strategies to talk to real costumer's partners and competitors.

Objetives

This course proposes and immediately test business hypothesis. Attendees are trained to talk with prospective customers and partners, using this customer feedback acquired in these interviews to refine their product or service; ensure their product or service meets a costumer need or solve a costumer problem; and validate that they have created a repeatable, scalable business model.

Modality: On-line

Schedule: To be determined

Editions: To be determined

Target: Researchers and PhD Candidates

Lecturer: Carme Reverte

Participants: To be determined

How to search free patent databases

Description

This course shows how to access and to search patents in the Espace.net free database . It is intended for those needing a quick view on the state of the art for a specific invention or technology.

Content

1. Espace.net: database structure and searching language
2. Learn how to find the best prior art for a given technology
3. How to understand the information obtained in Espace.net

Objectives

This course proposes a quick diving in the Espace.net public and free database, created and maintained by the European Patent Office. Participants will learn how to structure their searches, and how to understand the results obtained. Participants will be asked to come to the course with an example of technology or innovation to be used as a hands-on exercise.

Modality: On-line

Schedule: To be determined

Target: Researchers and PhD Candidates

Lecturer: Marc Caballé

Participants: To be determined

Horizon Europe Overview

Modality: On-line

Schedule: 15/05/2024 – 10h-11:30h

Target: Researchers that are willing to participate in Horizon Europe proposals.

Lecturer: OPC: Alejandra Cerda, Lluís Salvà, Manel Bernal, Núria Canamasas I Sílvia Fernández

Participants: 30

Description

This course provides an overview, knowledge and skills to participate in collaborative projects of the Horizon Europe Program.

Content

1. Horizon Europe Framework Programme strategy, structure and budget.
2. How to read and address a call/topic.

Objectives

Provide information and guidance on how to understand, analyse, find opportunities and address Horizon Europe Work Programme and topics.

Fundación Estatal
PARA LA FORMACIÓN EN EL EMPLEO



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Participation in collaborative projects of the Horizon Europe program (beginner - intermediate level)

Description

This course provides knowledge and skills to participate in collaborative projects of the Horizon Europe Program

Content

1. Horizon Europe template and partners contribution.
2. Information required in Form A.
3. How to address section B of the proposal: Excellence, Impact and Implementation.
4. Budget and peculiarities of the Lump Sum.

Objectives

To provide researchers with an overview of the structure of the Horizon Europe program as well as the basic tools for their participation.

Modality: On line and face to face

Schedule: May-June 2024, 3-4h

Target: Researchers that participate (or are willing to participate) in Horizon Europe proposals

Lecturer: OPC

Participants: To be determined



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Workshop on iMarina

Description

This course provides insight and tools on how to use the iMarina platform to enhance CV registration and track of achievements.

Content

1. Basic aspects of your CV: personal data, summary, bibliometric indicators, adscriptions
2. Updating and curation of data
3. Creating a CVN and CVA FECYT, CVA Word-Reports

Objetives

Learn how to use the iMarina tool highlighting the more important aspects of the platform.

Modality: On line

Schedule: May 8th from 12h to 14h

September 4th from 12h to 14h

October 2nd from 12h to 14h

Editions: 4

Target: Researchers

Lecturer: Scientific Documentation IRTA -Xantal

Romaguera

Participants: 20



Open Science for Beginners

Description

This course provides the PhD candidates and other researchers without previous experience on Open Science a general overview on the topic in order to gain a sound background and thus follow the rest of the specific courses.

Content

1. Basic overview on:
 - a) Open Data
 - b) Open Access
 - c) FAIR principles
 - d) Open Citizen Science
 - e) Other related branches of Open Science

Objetives

Acquire a sound and broad overview of basic aspects of Open Science to be able to further develop knowledge in other courses.

Recommended learning path:

1. Open Science for Beginners
2. Open Access
3. FAIR principles: FAIR Data Management Plan
4. Data Management Plan: PhD candidates & Postdocs
5. Data Management Plan: research projects
6. Publishing Data in FAIR repositories

Modality: On line

Schedule: To be determined, 2h

Editions: To be determined

Target: Researchers and PhD candidates

Lecturer: Carme Reverté (Data Steaward),
Xantal Romaguera (Documentation)

Participants: 20

Understanding the Open Access environment

Description

Open Access is unrestricted online access to peer-reviewed scholarly research. This course provides the PhD candidates and researchers deeper knowledge on the topic in order to conduct research according to OpenScience principles.

Content

1. Introduction to Open Access
2. Different articles versions
3. How to publish in Open Access
4. Predatory journals
5. APC and transformative agreements
6. Copyright. Creative Commons licenses
7. Requirements of the financing entities
8. IRTA and Pubpro's Open Access Policy
9. Present and future of scientific communication

Objetives

Provide an understand what open access means and all related aspects, at the same time as we reflect on the present and the future of scientific communication

Recommended learning path:

1. Open Science for Beginners
2. Open Access
3. FAIR principles: FAIR Data Management Plan
4. Data Management Plan: PhD candidates & Postdocs
5. Data Management Plan: research projects
6. Publishing Data in FAIR repositories

Modality: On line

Schedule: To be determined

Editions: To be determined

Target: Researchers and PhD candidates

Lecturer: Xantal Romaguera

Participants: 20

FAIR Data & Open Data: management of digital data in research projects

Description

This course presents an overview on research data management following the EU and FAIR principles.

Modality: On-line

Schedule: To be determined, 2h

Editions: To be determined

Target: Researchers

Lecturer: Data Steward of IRTA –Carme Reverté

Participants: 20

Content

1. Learn the principles and requirements of the EU on research data management in H2020 and Horizon Europe projects.
2. Importance of FAIR principles
3. Good practices on research data management through FAIR principles

Objetives

Learn the FAIR principles in research data management.

Recommended learning path:

1. Open Science for Beginners
2. Open Access
3. FAIR principles: FAIR Data Management Plan
4. Data Management Plan: PhD candidates & Postdocs
5. Data Management Plan: research projects
6. Publishing Data in FAIR repositories



Data Management Plan – Creation and evaluation

Description

Good management of research data has numerous advantages both for researchers and for the scientific community in general in order to be able to reuse the data in the future. Through this course you will discover the benefits of developing a data management plan.

Modality: On line

Schedule: To be determined

Editions: To be determined

Target: PhD candidates and Postdoctoral fellows

Lecturer: Data Steward of IRTA –Carme Reverté

Participants: 20

Content

1. Introduction and context
2. Data life cycle
3. Structure of a DMP
4. Understand a DMP
5. DMP Evaluation
6. Identify minimum elements of a DMP

Objetives

Provide the knowledge to evaluate and create data management plans

Recommended learning path:

1. Open Science for Beginners
2. Open Access
3. FAIR principles: FAIR Data Management Plan
4. Data Management Plan: PhD candidates & Postdocs
5. Data Management Plan: research projects
6. Publishing Data in FAIR repositories

Data Management Plan: Creation and evaluation of data management plans in consortia

Modality: On line

Schedule: To be determined

Editions: To be determined

Target: Researchers

Lecturer: Data Steward of IRTA –Carme Reverté

Participants: 20

Description

Good management of research data has numerous advantages both for researchers and for the scientific community in general in order to be able to reuse the data in the future. Through this course you will discover the benefits of developing a data management plan.

Content

1. Introduction and context
2. Data life cycle
3. Structure of a DMP
4. Understand a DMP
5. DMP Evaluation
6. Identify minimum elements of a DMP

Objetives

Provide the knowledge to evaluate and create data management plans

Recommended learning path:

1. Open Science for Beginners
2. Open Access
3. FAIR principles: FAIR Data Management Plan
4. Data Management Plan: PhD candidates & Postdocs
5. Data Management Plan: research projects
6. Publishing Data in FAIR repositories



Data curation for Open Data publication

Description

This course provides the knowledge to manage data in a FAIR way. Participants will be introduced to tools and resources that will help in the curation and description of research data so that data can be preserved and reused over time.

Content

1. FAIR principles in data curation.
2. Minimal elements in the review of datasets.
3. Tools to support the curation of tabular data.
4. Signature application to evaluate datasets.
5. Practical case of FAIR data publication.

Objetives

Know the requirements of the funding bodies regarding the management and publication of FAIR data and help minimize the recommendations to improve the management and data sharing plans of the funding bodies

Modality: On line

Schedule: To be determined

Editions: To be determined

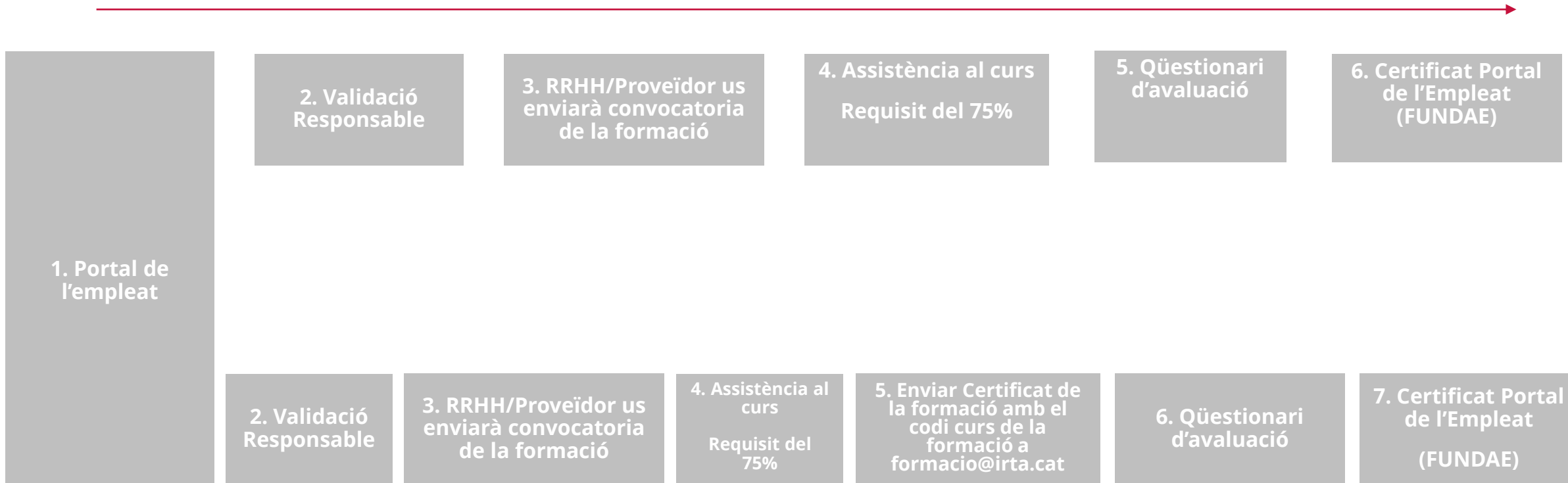
Target: Researchers

Lecturer: Data Steward of IRTA –Carme Reverté

Participants: 20

Com sol·licitar la formació

a) Sol·licitar formació inclosa al Pla de Formació



b) Proposar formació NO inclosa al Pla de Formació: Crear nova petició. Emplenament Formulari

Com sol·licitar la formació

a) Sol·licitar formació inclosa al Pla de Formació

● Formació

● Sol·licitar formació inclosa al Pla de Formació

● Proposar formació no inclosa al Pla de Formació

● Consultar sol·licituds pendents formació interna

● Certificats formació interna

● Qüestionaris: Avaluació d'Accions Formatives

● Historial Formatiu

Inscripció	Codigo	Descripció	Sessió	Data inici	Data fi
▼ Motivo: **RDT					
	4167	Becoming a Scientific Writer	1	22/04/2024	29/04/2024
	4660	Research presentations and posters: from design to delivery	1	06/05/2024	14/05/2024
	4161	Workshop on iMarina	2	08/05/2024	08/05/2024
	4676	Competitive Funding: Tools, Perspectives and Processes	1	30/05/2024	06/06/2024
▼ Motivo: TRANSVERSAL					
	4321	Microsoft Excel Avançat: PowerQuery i PowerPivot	1	02/04/2024	18/04/2024
	4630	Microsoft Excel Inicial	1	02/04/2024	16/04/2024
	3175	Formació de prevenció: CAMBRES FRUITCENTRE (Sessió 1)	1	08/04/2024	08/04/2024

Com sol·licitar la formació

b) Proposar formació NO inclosa al Pla de Formació: Crear nova petició. Emplenament Formulari

- Formació
 - Sol·licitar formació inclosa al Pla de Formació
 - **Proposar formació no inclosa al Pla de Formació**
 - Consultar sol·licituds pendents formació interna
 - Certificats formació interna
 - Qüestionaris: Avaluació d'Accions Formatives
 - Historial Formatiu



← Sortir Enviar Petició

Informació General

Dades Generals

Indicar nom de l'acció formativa que consta al díptic / Recorda adjuntar programa

Títol de l'Activitat: *

Tipus d'Activitat: *

Objectiu formatiu: *

Àmbit formatiu: *

Proposa en qualitat de: *

Docent intern? NO

Nom i cognoms docents

Contingut del curs *

Altres Dades:

Lloc del curs: *

Entitat Formadora: *

Modalitat: *

Destinatari/es: *

Objectius finals *

Adjuntar programa

No hi ha registres

Seleccionar arxivat Ningun arxivat selec.

Adjuntar

Dades dels Dies i Horaris

Hores Lectives: *

Data inici: *

Data Final: *

Formació Fundae



fundae.es

a) Com detectar que una formació pot ser bonificada



És una iniciativa Pública creada per millorar la capacitat professional i desenvolupament personal dels treballadors, aconseguir una major promoció i integració social dels treballadors així com una millora de la competitivitat de les empreses, mitjançant la qual les empreses veuran minimitzats els costos de formació que ofereixin als seus empleats.

El mecanisme és simple, totes les empreses disposen d'un crèdit per a la formació dels treballadors, fruit de les aportacions realitzades per l'empresa i els treballadors a la Seguretat Social, per la contingència de formació professional.



MOLTES GRÀCIES PER LA VOSTRA ATENCIÓ

Qualsevol consulta concreta d'algún curs, us podeu posar en contacte amb nosaltres a través de
formacio@irta.cat