

Master on Numerical  
Methods in Engineering

OFFICIAL MASTER of UPC Barcelona Tech

On campus and distance course

# Cimne I Virtual Center User's Manual





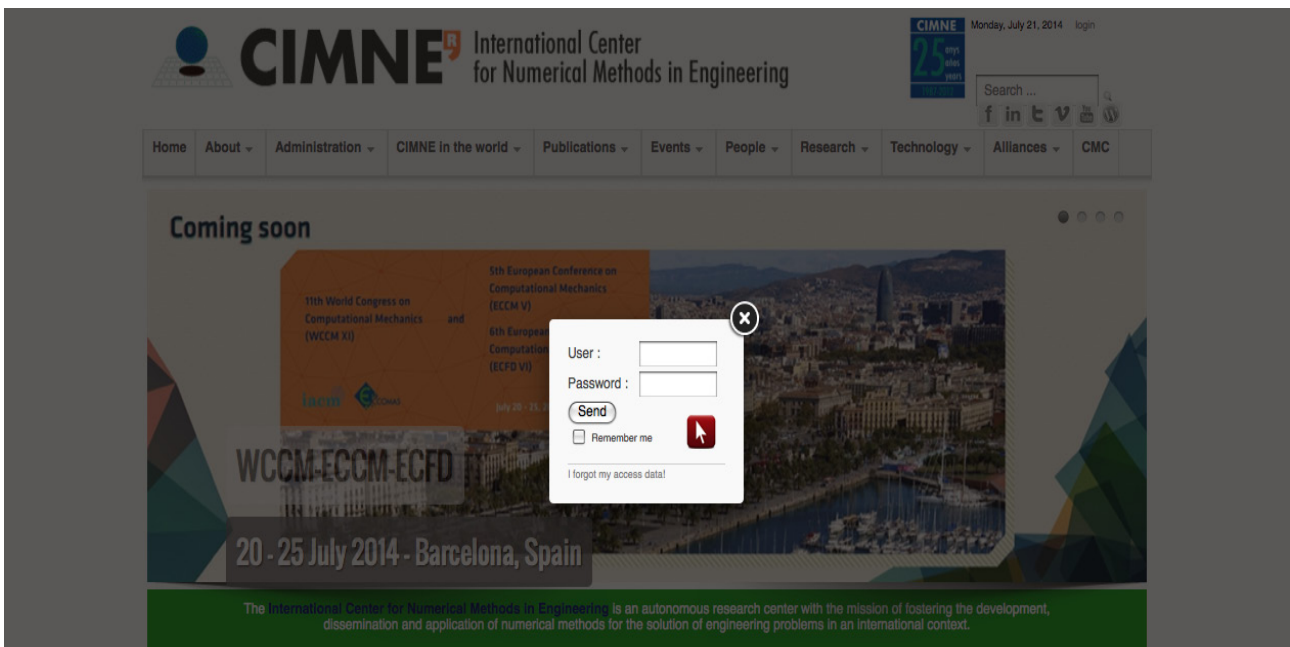
## Contents

Cimne's Virtual Center is learning and communication tool that allows the lecturers and students to interact and share documents and information.



### Access

Cimne's Virtual Center can be accessed from Cimne's main page or from any of the home pages corresponding to each of the academic programs offered at Cimne in collaboration with the Universitat Politècnica de Catalunya.




### Access

By clicking on "login" on the top right corner of the page, a pop-up window will open in which the user must enter his or her credentials.


**News**

**TCAiNMaND Kick-off Meeting Successfully held**  
7/16/2014




Kick-Off meeting of the TCAiNMaND project, a tricontinental alliance, coordinated by CIMNE, to encourage mobility and bridges between Latin America and East Asia through Europe to advance in the know ...

**NEREIDAS: Diseño y desarrollo de una nueva boya con la colaboración de AMBESK**  
7/11/2014



// CIMNE con la colaboración de AMBESK, empresa de arquitectura naval, trabajan en el diseño y desarrollo de una nueva boya que se instalará en el puerto de Melilla, en ...

**My net**



Wall | Contact requests(0)

**Calendar**

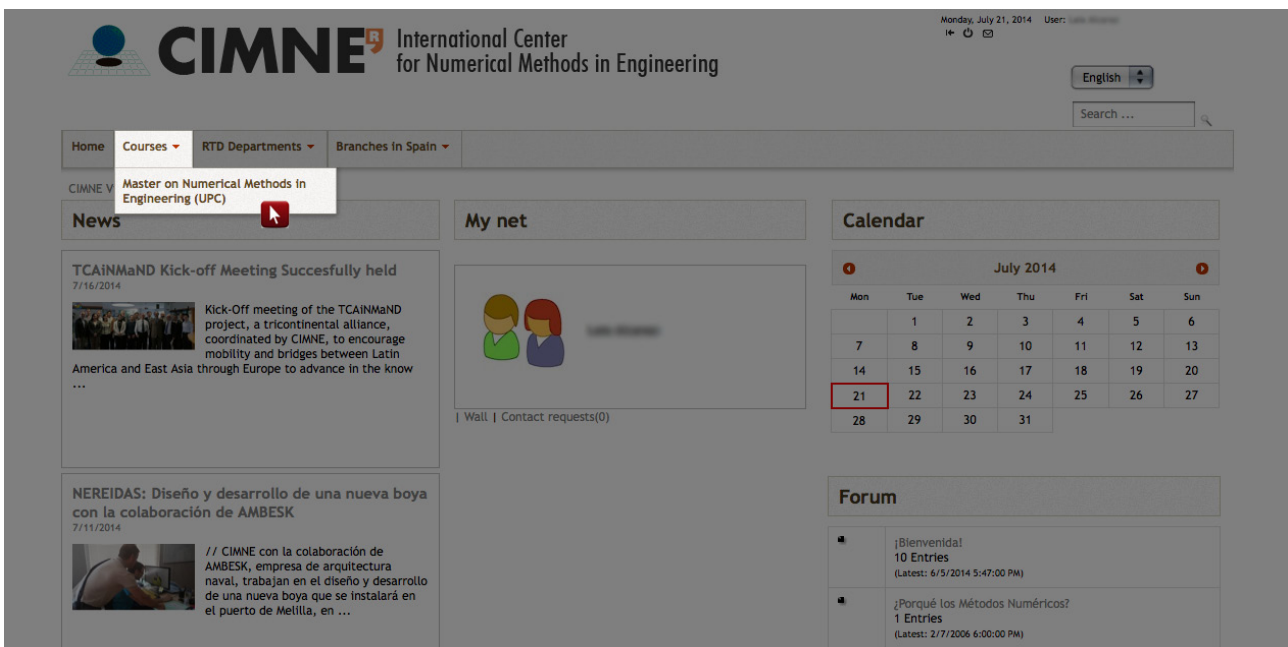
July 2014						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

**Forum**

- ¡Bienvenida!  
10 Entries  
(Latest: 6/5/2014 5:47:00 PM)
- ¿Porqué los Métodos Numéricos?  
1 Entries  
(Latest: 2/7/2006 6:00:00 PM)

**Main Page**

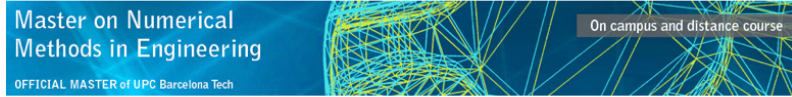
The Virtual Center's main page contains a news section, a calendar, and a forum about important activities and events open to all members of Cimne, regardless of the program in which the user is participating.



**Main Page**

Clicking on Courses opens a pull-down menu in which the user can choose on which academic program they would like to enter. Student's usually see only one program as they rarely do more than one post-graduate degree simultaneously, but lecturers can see every course in which they participate.

- Second Semester
- Computational Solid Mechanics
- Computational Structural Mechanics and Dynamics
- Coupled Problems
- Finite Elements in Fluids
- Programming for Engineering and Science



**Courses**

- Second Semester
  - Computational Solid Mechanics
  - Computational Structural Mechanics and Dynamics
  - Coupled Problems
  - Finite Elements in Fluids
  - Programming for Engineering and Science

### Academic Program's Home Page

Each program has its own home page in which the user can see the courses in which they teach or are enrolled to. By clicking on the name of the course, the user is transferred to the course's private space.

- First Semester
- Finite Elements
- Second Semester
- Computational Solid Mechanics
- Computational Structural Mechanics and Dynamics
- Coupled Problems
- Finite Elements in Fluids
- Programming for Engineering and Science

- Home
- Library
- Students
- Planning
- News
- FAQ

**Home**

**Finite Elements**

**Head Professor:** [redacted]  
**Contact Professor:** [redacted]

### Course's Home Page

At the home page the student's can see the Head Professors name, which links to their private profile and the Contact Profesor's name which links to their email address. Lecturers may also add any relevant, general information.



< Home Courses RTD Departments Branches in Spain

CIMNE Virtual » Courses » Master on Numerical Methods in Engineering (UPC) » First Semester » Finite Elements » Library

First Semester  
Finite Elements  
Second Semester  
Computational Solid Mechanics  
Computational Structural Mechanics and Dynamics  
Coupled Problems  
Finite Elements in Fluids  
Programming for Engineering and Science

Home Library Students Planning News FAQ

### Library

Documents

Search ...

- 2013-14-FEM-course-info.pdf
- 2013-14-FEM-StudentsGuide.

### Finite Elements

Head Professor: [redacted]  
Contact Professor: [redacted]

## Library

The Library is the main tool for information and class material. The students may read and retrieve any academic material previously uploaded by the teacher, including the course's syllabus, class notes, assignments, among others. It is as easy as clicking on the document's name on the left side of the binder.

< Home Courses RTD Departments Branches in Spain

CIMNE Virtual » Courses » Master on Numerical Methods in Engineering (UPC) » First Semester » Finite Elements » Library



First Semester  
Finite Elements  
Second Semester  
Computational Solid Mechanics  
Computational Structural Mechanics and Dynamics  
Coupled Problems  
Finite Elements in Fluids  
Programming for Engineering and Science

Home Library Students Planning News FAQ

### Students

Search:

Show 25 entries

User	Edition
 <p>User type : Student Address :  Telephone/Fax : E-mail :</p>	MNME Course 2013-2014
 <p>User type : Student Address :  Telephone/Fax : E-mail :</p>	MNME Course 2013-2014

## Students

On the Students section the users can see who their fellow classmates are. It also serves as a communication tool as it allows the users to contact each of the students by clicking on the envelope on the top right corner of the contact sheet.

Navigation: < Home Courses RTD Departments Branches in Spain

CIMNE Virtual > Courses > Master on Numerical Methods in Engineering (UPC) > First Semester > Finite Elements > Library

Left sidebar menu:

- First Semester
- Finite Elements
- Second Semester
- Computational Solid Mechanics
- Computational Structural Mechanics and Dynamics
- Coupled Problems
- Finite Elements in Fluids
- Programming for Engineering and Science

Planning tool interface:

Home Library Students **Planning** News FAQ

Planning

| All period | This Week |

Calendar for July 2014:

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

<< July >>

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

## Planning

On the planning tool students are able to identify important dates and events set by the lecturer, such as tests, assignment deadlines or unforeseen changes on the course’s schedule.

CIMNE Virtual > Master on Numerical Methods in Engineering (UPC)

Left sidebar menu:

- Help
- Configure
- Groups
- Divisions
- User list
- Mailing
- Folders
- Listings
- Statistics
- Design
- Editions
- History
- Tools
- Tell Me
- News
- Short News
- Calendar
- Publications
- Album

User profile window:

| History | My Binder |

Starting date : 9/23/2013 12:00:00 AM

Name : [redacted]  
Surname : [redacted]  
2ndSurname : [redacted]

<b>Id :</b>	[redacted]	<b>Level :</b>	2
<b>Date In :</b>	[redacted]	<b>Status :</b>	Registered
<b>User type :</b>	Student	<b>Address :</b>	
<b>User :</b>	[redacted]	<b>City :</b>	
<b>Edition :</b>	MNME Course 2013-2014	<b>Postal code :</b>	
<b>State :</b>		<b>Country :</b>	
<b>Telephone :</b>		<b>Fax :</b>	
<b>E-mail :</b>	[redacted]		
<b>Destination 1 :</b>			
<b>Date of Birth :</b>			
<b>University Name :</b>			

Right sidebar: Export to Excel, how 25 entries, list of years (2014, 2013, 2012) with checkboxes.

## User’s profile

Each user has a profile that contains personal details and contact information which is available only to the lecturer and the user itself. On the top left corner, the user can find the “History” and “My Binder” sections.



MNME COHORT 2013-2015						
Title	Comment	Score 1	Final Score	Date	Status	
<b>COHORT</b>						
COHORT 2013-2015	REGISTERED			06 / 2014	Ongoing	
MNME Course 2013-2014						
Title	Comment	Score 1	Final Score	Date	Status	
<b>First Semester</b>						
Advanced Fluid Mechanics			75	06 / 2014	Ongoing	
Communication Skills 1			100	06 / 2014	Ongoing	
Computational Mechanics Tools			100	06 / 2014	Ongoing	
Continuum Mechanics			71	06 / 2014	Ongoing	
Finite Elements			90	06 / 2014	Ongoing	
Numerical Methods for PDEs			80	06 / 2014	Ongoing	
<b>Second Semester</b>						
Computational Solid Mechanics			78	06 / 2014	Ongoing	
Computational Structural Mechanics and Dynamics			89	06 / 2014	Ongoing	

## History

On the history, both the student and the professor have access to the student's academic history which includes their class year (COHORT), the courses they have enrolled to in the past or are enrolled to at the present, with their corresponding grades.

My Binder

Add

Export to Excel

Search:

Show 25 entries

User	Title	File	Size	Placed by	Date
No matching records found					

Showing 0 to 0 of 0 entries

Used space :0 KB

First Previous Next Last

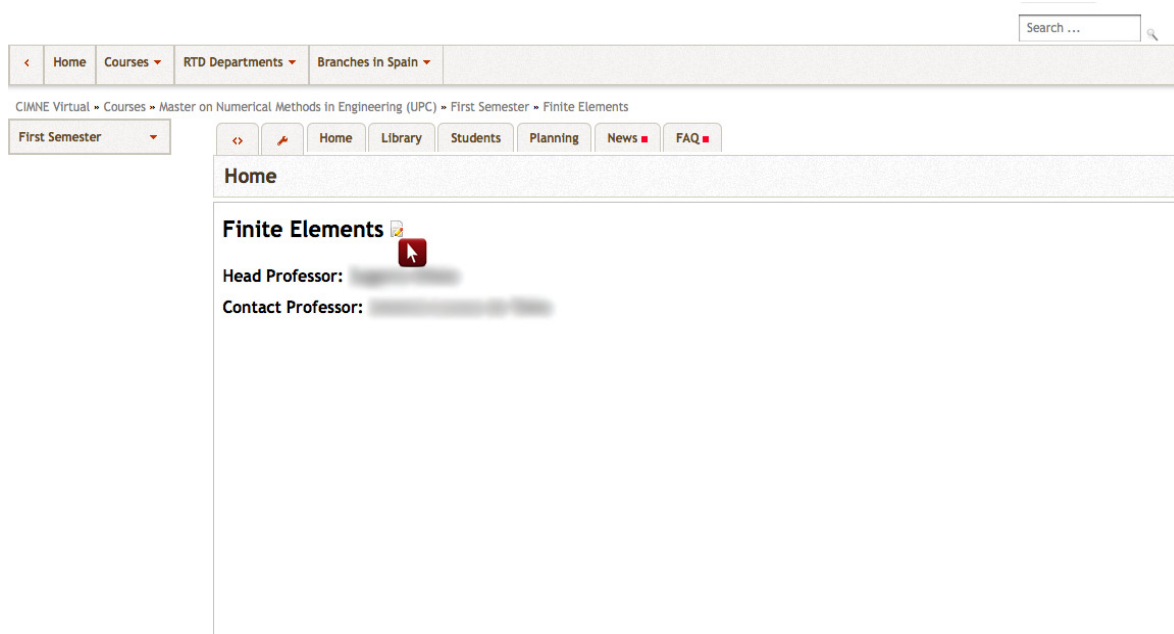
## My Binder

This is a tool available for students to upload any document that they deem relevant to their profile such as a CV, Internship Forms, or handing-in course works.



**Cimne I Virtual Center  
User's manual I Lecturer's Supplement**

Lecturers have an almost identical view of the Virtual Center as students to ensure ease of use, but with added tools to allow them to edit or modify the course’s content.



### Course’s Home Page

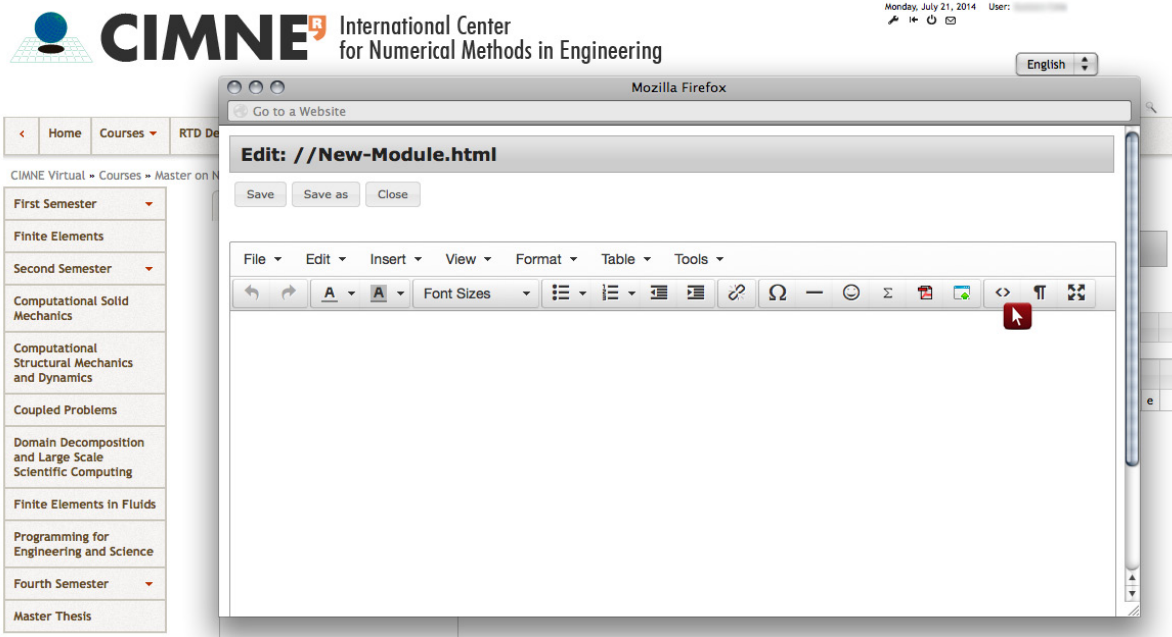
Lecturers may add or modify content to their course’s home page, including text or images. To begin, teachers must click on the paper-and-pencil image sitting on the right side of the course’s name, in the case “Finite Elements”.



### Course’s Home Page

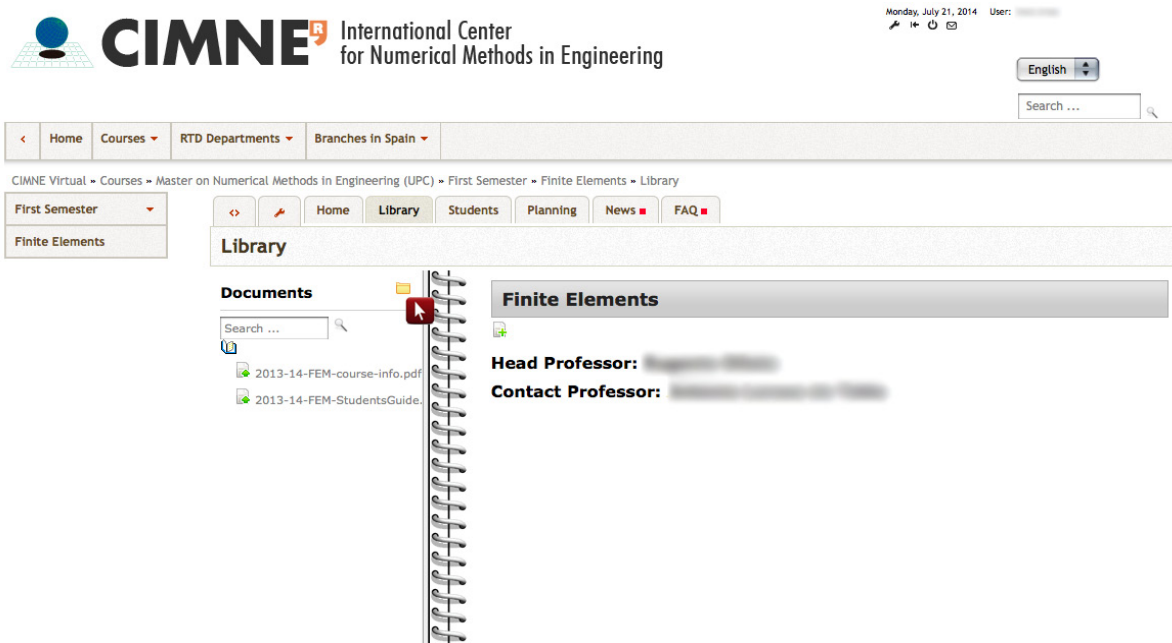
The lecturer is then taken to this page in which they can add files or images that they wish to include on the home page.

To add text and insert the images, the teacher must then click on “New”.



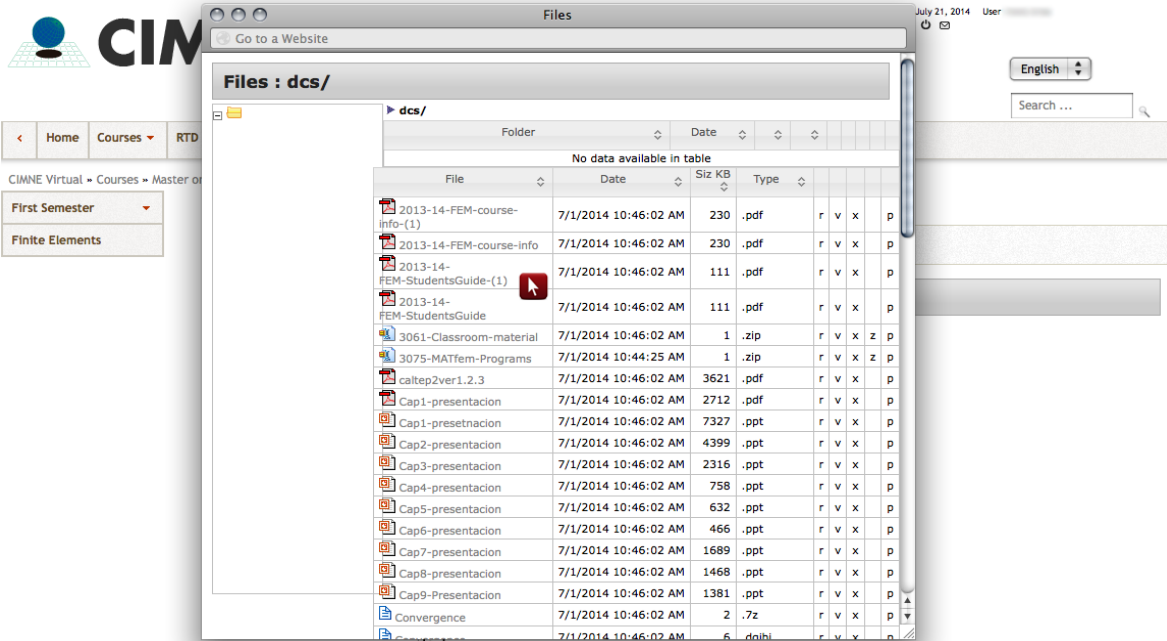
### Course's Home Page

This window allows the lecturer to enter text and insert images. The window serves as an html editor, but the lecturer has the option of entering an html code by pressing on the “<>” button.



### Library

Lecturers can add documents to the library by clicking on the folder image sitting next to the word “Documents”.



## Library

Lecturers are then redirected to this list where they can see and upload documents.

To the right of each document, four letters appear r, v, x, and p.

Folder	Date					
No data available in table						
File	Date	Siz KB	Type			
.3-14-FEM-course- )	7/1/2014 10:46:02 AM	230	.pdf	r	v	x p
.3-14-FEM-course-info	7/1/2014 10:46:02 AM	230	.pdf	r	v	x p
.3-14- udentsGuide-(1)	7/1/2014 10:46:02 AM	111	.pdf	r	v	x p
.3-14- udentsGuide	7/1/2014 10:46:02 AM	111	.pdf	r	v	x p

## Library

**r** allows to rename the document

**v** allows the lecturer to download the document

**x** removes the document from the library

**p** publishes the document and makes it viewable to the students



< Home Courses RTD Departments Branches in Spain

CIMNE Virtual > Courses > Master on Numerical Methods in Engineering (UPC) > First Semester > Finite Elements > Library

First Semester  
Finite Elements

Home Library Students Planning News FAQ

### Planning

July 2014

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Export to Excel

Search:

Show 25 entries

Title	Days	Starting date	Final date
No records found			

Add activity

Showing 1 to 1 of 1 entries

First Previous 1 Next Last

## Planning

On the planning tool, lecturers can set important dates and events, such as tests, assignment deadlines, or unforeseen changes on the course’s schedule.

To add an event, lecturers must choose a date and click on “Add activity”.

| Return |

Title :

Description :

File Edit Insert View Format Table Tools

Formats B I A A Font Sizes

Link Image Table Sum Refresh

Words: 0

Add

## Planning

After clicking on “Add activity”, the lecturer is then asked to write a title and a brief description of the event.