

Tutorial for LONCAPA

Course Coordinator

Physics Seminar, Mayaguez Apr 16 2009

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Overview



- Login
- Role Menu
- What's New
- Edit Course
 - Creating Folder of Problems
 - Selecting Problems
- Opening Set of Problems
- Checking students Performance



Login



LON-CAPA The LearningOnline Network with CAPA Login - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://loncapa.hep.uprm.edu/adm/logout

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LON-CAPA The LearningOnline Network with CAPA

The LearningOnline Network with CAPA

Accessibility Options About LON-CAPA Course Catalog

User Authentication

Username:
Password:
Domain:


Log in

[Log-in Help](#)
[Forgot password?](#)

Domain: uprm
Server: uprm11 (library)
Load: 1.5 percent
User: 0.00 percent
Load:

Contact Helldesk

Done



Outline

Role



Login



Accessibility
Options
About LON-CAPA
Course Catalog

User Authentication

Username: pepeperez
Password:
Domain: uprm

Log in

[Log-in Help](#)
[Forgot password?](#)

Domain:	uprm
Server:	uprm11 (library)
Load:	1.5 percent
User	0.00 percent

[Contact Heldesk](#)

Done

Outline

Role



Login



Accessibility Options
About LON-CAPA
Course Catalog

User Authentication

Username: peperez
Password:
Domain: uprm

Log in

Log-in Help
Forgot password?

Domain:	uprm
Server:	uprm11 (library)
Load:	1.5 percent
User	0.00 percent

Contact Heldesk

Done

Outline

Role



Login



Accessibility Options
About LON-CAPA
Course Catalog

User Authentication

Username: pepereperez
Password:
Domain: uprm

Log-in

Log-in Help
Forgot password?

Domain: uprm
Server: uprm11 (library)
Load: 1.5 percent
User: 0.00 percent

Contact Helpdesk
Done

Outline

Role

Password



Login



Accessibility Options
About LON-CAPA
Course Catalog

User Authentication

Username: pepeperz
Password: [masked]
Domain: uprm

Log-in

Log-in Help
Forgot password?

Domain: uprm
Server: uprm11 (library)
Load: 1.5 percent
User: 0.00 percent

Contact Helldesk

Done

Domain:	uprm
Server:	uprm11 (library)
Load:	1.5 percent
User:	0.00 percent

Outline

Role

Domain = uprm



Login



LON-CAPA The LearningOnline Network with CAPA Login - Mozilla Firefox

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LON-CAPA The LearningOnline Network with CAPA

The LearningOnline Network with CAPA

Accessibility Options
About LON-CAPA
Course Catalog

User Authentication

Username: pepeperez
Password:
Domain: uprm
Log in

Log-in Help
Forgot password?

Domain: uprm
Server: uprm11 (library)
Load: 1.5 percent
User: 0.00 percent
Load:

Contact Helldesk
Done

Outline

Role

loncapa1.hep.uprm.edu



Choose Role



Outline

What's

LON-CAPA User Roles - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://loncapa.hep.uprm.edu/adm/roles

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LON-CAPA The LearningOnli... x LON-CAPA User Roles x

Do you want Firefox to remember this password? Remember Never for This Site Not Now x

Main Menu Launch Remote Control Roles Help Exit

User Roles Juan Eduardo Ramirez
No Role, Cumulative Privileges

Show all roles: Display

User Role	Extent	Start	End
<input type="button" value="Select"/> Librarian	uprm	Domain Fri Jan 18 02:48:16 pm 2008 (AST)	
Construction Space			
<input type="button" value="Select"/> Author	Domain: uprm Server: loncapa.hep.uprm.edu	Fri Jan 18 02:48:16 pm 2008 (AST)	
Course			
<input type="button" value="Select"/> Course Coordinator	Demo Course <small>syllabus</small> Domain:uprm	Wed Apr 15 01:00:00 am 2009 (AST)	
<input type="button" value="Select"/> Course Coordinator	Fisica I <small>syllabus</small> Domain:uprm	Mon Feb 2 12:28:20 pm 2009 (AST)	
<input type="button" value="Select"/> Course Coordinator	Fisica II para Ingenieros <small>syllabus</small> Domain:uprm		

Done



Choose Role



Outline

What's

Pick Course Coordinator Role

User Role	Extent	Start	End
<input type="button" value="Select"/>	Librarian	uprm	Fri Jan 18 02:48:16 pm 2008 (AST)
Construction Space			
<input type="button" value="Select"/>	Author	Domain: uprm Server: loncapa.hep.uprm.edu	Fri Jan 18 02:48:16 pm 2008 (AST)
Course			
<input type="button" value="Select"/>	Course Coordinator	Demo Course syllabus Domain:uprm	Wed Apr 15 01:00:00 am 2009 (AST)
<input type="button" value="Select"/>	Course Coordinator	Fisica I syllabus Domain:uprm	Mon Feb 2 12:28:20 pm 2009 (AST)
<input type="button" value="Select"/>	Course Coordinator	Fisica II para Ingenieros syllabus Domain:uprm	



What's New



Outline

Edit

LON-CAPA Course Action Items - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://loncapa.hep.uprm.edu/adm/whatsnew?refpage=start

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LON-CAPA The LearningOnli... LON-CAPA Course Action It...

Main Menu Return to Last Location Navigate Contents Edit Course Groups Launch Remote Control Switch course role to... Other Roles Help Exit

Course Action Items

[Demo Course](#) -> Display Action Items

Juan Eduardo Ramirez
Course Coordinator
Demo Course
What's New?

[Go to first resource](#)

Page set to be displayed after you have selected a role in this course.
Currently: *What's New? page (user preference)*. **Change** for just [this course](#) or for all [your courses](#).

[Hide all](#) [Show all](#)

Problems requiring handgrading	Hide
No problems require handgrading	

Problems with errors	Hide
No problems with errors	

(Problems with av. attempts ≥ 2 or deg. difficulty ≥ 0.5) and total number of students with submissions ≥ 2	Hide
No problems satisfy threshold criteria	

Unread course discussion posts	Hide
No unread posts in course discussions	

New course messages	Hide
No new course messages	

New critical messages in course	Hide
No unread critical messages in course	

Resources in course with version changes since last week	Hide
Done	

Roles for which access to course has become available since last week	Hide
Change interests?	

This is the first page after choosing role.

(A summary of course actions)



What's New



Course Action Items

[Demo Course](#) -> Display Action Items

Go to [first resource](#)

Page set to be displayed after you have selected a role in this course.
Currently: *What's New? page (user preference)*. **Change** for just [this course](#) or for all [your courses](#).

[Hide all](#) [Show all](#)

Problems requiring handgrading Hide	Unread course discussion posts Hide
<i>No problems require handgrading</i>	<i>No unread posts in course discussions</i>
Change thresholds?	Change options?
Problems with errors Hide	New course messages Hide
<i>No problems with errors</i>	<i>No new course messages</i>
(Problems with av. attempts ≥ 2 or deg. difficulty ≥ 0.5) and total number of students with submissions ≥ 2 Hide	New critical messages in course Hide
<i>No problems satisfy threshold criteria</i>	<i>No unread critical messages in course</i>
Resources in course with version changes since last week Hide	Roles for which access to course has become available since last week Hide
Done	

Outline

Edit

Select to prepare a homework set

This is the first page after choosing role.

(A summary of course actions)



Edit Course



LON-CAPA Course Documents - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://loncapa.hep.uprm.edu/adm/coursedocs?folderpath=default%26Documentos%2520Principales%2520del%26

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LON-CAPA Course Docume... x LON-CAPA Main Menu x

Main Menu Return to Last Location Navigate Contents Edit Course Groups Launch Remote Control Switch course role to... Other Roles Help Exit

Course Documents

Juan Eduardo Ramirez
Course Coordinator
Demo Course

Verify Content Check/Set Resource Versions Dump Course DOCS to Construction Space Export Course to IMS List Syms Show Log

Editing the Table of Contents for your Course

Documentos Principales del Curso

Order	Actions	Document Name	Hidden	URL hidden	Random Order	Randomly Pick	Save
(1)	Remove Cut Rename Copy	Plan de Estudios	<input type="checkbox"/>	<input type="checkbox"/>			
(2)	Remove Cut Rename Copy	Info	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Randomly Pick: <input type="text"/>	Save
(3)	Remove Cut Rename	HW1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Randomly Pick: <input type="text"/>	Save
(4)	Remove Cut Rename Copy	Chapter 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Randomly Pick: <input type="text"/>	Save

Upload a new main course document

File: Browse...

Title:

If HTML file, upload embedded images/multimedia files?

Import a document

Published documents

Search

Import

Import Bookmarks

All documents out of a published map into this folder

Select Map Load Map

Special documents

- New Folder
- New Composite Page
- Syllabus
- Navigate Contents
- Simple Page
- Simple Problem
- Drop Box
- Score Upload Form

x Find: transp Previous Next Highlight all Match case

Done

Outline

Edit



Edit Course



LON-CAPA Course Documents - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://loncapa.hep.uprm.edu/adm/coursedocs?folderpath=default%26Documentos%2520Principales%2520del%26

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LON-CAPA Course Docume... x LON-CAPA Main Menu x

Main Menu Return to Last Location Navigate Contents **Edit Course** Groups Launch Remote Control Switch course role to... Other Roles Help Exit

Course Documents

Juan Eduardo Ramirez
Course Coordinator
Demo Course

Verify Content Check/Set Resource Versions Dump Course DOCS to Construction Space Export Course to IMS List Syms Show Log

Editing the Table of Contents for your Course

Documentos Principales del Curso

(1)	Remove Cut Rename Copy	Plan de Estudios	<input type="checkbox"/>	Hidden	<input type="checkbox"/>	URL hidden			
(2)	Remove Cut Rename Copy	Info	<input type="checkbox"/>	Hidden	<input type="checkbox"/>	URL hidden	<input type="checkbox"/>	Random Order	Randomly Pick: <input type="text"/> Save
(3)	Remove Cut Rename	HW1	<input type="checkbox"/>	Hidden	<input type="checkbox"/>	URL hidden	<input type="checkbox"/>	Random Order	Randomly Pick: <input type="text"/> Save
(4)	Remove Cut Rename Copy	Chapter 2	<input type="checkbox"/>	Hidden	<input type="checkbox"/>	URL hidden	<input type="checkbox"/>	Random Order	Randomly Pick: <input type="text"/> Save

Upload a new main course document

File: Browse...

Title:

If HTML file, upload embedded images/multimedia files?

Published documents

Search

Import Import Bookmarks

All documents out of a published map into this folder

Select Map Load Map

Special documents

New Folder New Composite Page Syllabus Navigate Contents Simple Page Simple Problem Drop Box Score Upload Form

x Find: transp Previous Next Highlight all Match case

Done

Outline

Edit

Syllabus



Edit Course



Outline

Edit

Course Documents

Verify Content | Check/Set Resource Versions | Dump Course DOCS to Construction Space | Export Course to IMS | List Syms | Show Log

Editing the Table of Contents for your Course

Order	Document Name	Hidden	URL hidden	Random Order	Randomly Pick	Save
(1)	Plan de Estudios	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="Save"/>
(2)	Info	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="Save"/>
(3)	HW1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="Save"/>
(4)	Chapter 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="Save"/>

Upload a new main course document

File:

Title:

If HTML file, upload embedded images/multimedia files?

Import a document

Published documents

All documents out of a published map into this folder

Special documents

Folders = each a homework set

Syllabus

Choose a folder or create a new folder



Edit Course 2



LON-CAPA Course Documents - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://loncapa.hep.uprm.edu/adm/coursedocs?folderpath=default%26Documentos%2520Principales%2520del%26... pstricks opacity

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LON-CAPA Course Docume... x LON-CAPA Main Menu x

Main Menu Return to Last Location Navigate Contents Edit Course Groups Launch Remote Control Switch course role to... Other Roles Help Exit

Course Documents

Juan Eduardo Ramirez
Course Coordinator
Demo Course

Verify Content Check/Set Resource Versions Dump Course DOCS to Construction Space Export Course to IMS List Syms Show Log

Editing the Table of Contents for your Course

Documentos Principales del Curso->Chapter 2

(1)	Remove Cut Rename Copy	? Proton through Filter	<input type="checkbox"/> Hidden	<input type="checkbox"/> URL hidden	
(2)	Remove Cut Rename Copy	? Five Particles	<input type="checkbox"/> Hidden	<input type="checkbox"/> URL hidden	
(3)	Remove Cut Rename Copy	? Five Particles	<input type="checkbox"/> Hidden	<input type="checkbox"/> URL hidden	

Upload a new main course document

File:

Title:

If HTML file, upload embedded images/multimedia files?

Import a document

Published documents

All documents out of a published map into this folder

Special documents

-
-
-
-
-
-
-
-
-
-

Done

Outline

Problem



Edit Course 2



Outline

Problem

set of problems



Edit Course 2



Outline

Problem

set of problems

click to add new problems

Choose Import or Search to add new problems



import problems



Outline

Edit

The screenshot shows two overlapping browser windows. The main window is titled "LON-CAPA Course Documents" and displays a "Course Documents" interface. A red circle highlights a secondary window titled "LON-CAPA Browse Resources" which is open to a resource listing. An arrow points from the text "import browser" to the "Browse Resources" window.

Course Documents Interface:

- Navigation: Main Menu, Return to Last Location, Navigate Contents, Edit Course, Groups, Launch Remote Control, Switch course role to...
- Actions: Verify Content, Check/Set Resource Versions, Dump Course DOCS to Construction Space, Export Course to IMS, List Syms, Show Log
- Table of Contents:

(1)	Remove Cut Rename Copy	? Proton through Filter
(2)	Remove Cut Rename Copy	? Five Particles
(3)	Remove Cut Rename Copy	? Five Particles
- Buttons: Upload a new main course document, Upload Document

Browse Resources Interface:

- File Type Displayed: All file types
- Buttons: Update Display, Close, Import
- Path: /res/uprm/uprmlib/fisica2/44_Ec_Maxwell_y_OEM/
- Table:

Name
Up
figuras
frente_de_onda.problem (metadata)
onda_electromagnetica.problem (metadata)

import browser

A new windows pop up



import problems



The screenshot shows two browser windows. The left window, titled 'LON-CAPA Course Documents', displays a table of contents for 'Documentos Principales del Curso -> Chapter 2' with three entries: 'Proton through Filter', 'Five Particles', and 'Five Particles'. Below the table is an 'Upload a new main course document' section with fields for 'File:' and 'Title:'. The right window, titled 'LON-CAPA Browse Resources', shows a file browser interface with a list of files. The file 'frente_de_onda.problem (metadata)' is circled in red. A red arrow points from this circle to a light blue oval containing the text 'select problem(s)'. The file list also includes 'onda_electromagnetica.problem (metadata)' and 'Up'.

Outline

Edit

A new windows pop up

In new window browse to select problems



search problems



The screenshot shows two browser windows. The background window, titled "LON-CAPA Course Documents", displays a course management interface with a table of contents for "Chapter 2" containing items like "Proton through Filter" and "Five Particles". The foreground window, titled "LON-CAPA Search", shows a search interface with a search bar, "Advanced Search" options, and a "Portfolio Search" section. A red circle highlights the search window, and a red arrow points from the text "search window" to it.

Outline

Edit

search window

A new windows pop up



search problems



search using keywords

Outline

Edit

A new windows pop up

If you know what you are searching for, the advanced search is convenient.



open problem set



LON-CAPA Proton through Filter - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://loncapa.hep.uprm.edu/res/msu/physicslib/msuphysicslib/61_MagField1/msuprob09.problem?symb=uploa

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LON-CAPA Proton through Fi... x LON-CAPA Main Menu x

Main Menu Navigate Contents Edit Course Groups Launch Remote Control Switch course role to... Other Roles Help Exit

Go to the previous resource in the course sequence Go to the next resource in the course sequence

Show catalog information

Modify parameter settings for this resource

Prepare a printable document

Make notes and annotations about this resource

Modify user grades for this assessment resource

Provide feedback messages or contribute to the course discussion about this resource

Provide my evaluation of this resource

Set a bookmark for this resource

You have new messages Demo Course, Chapter 2: Proton through Filter

Proton through Filter

Points:1

A proton, that is accelerated from rest through a potential of 14.0 kV enters the velocity filter, consisting of a parallel-plate capacitor and a magnetic field, shown below.

The E-field between the parallel capacitor plates is $5.1 \cdot 10^5$ N/C. What B-field is required so that the protons are not deflected?

Done

Outline

Edit

After selecting a Problem within a Folder



open problem set



Outline

Edit

select modify parameters

After selecting a Problem within a Folder



set parameters



LON-CAPA Set/Modify Course Parameters - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://loncapa.hep.uprm.edu/adm/parmset

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LON-CAPA Set/Modify Cours... x LON-CAPA Main Menu x

Main Menu Return to Last Location Navigate Contents Edit Course Groups Launch Remote Control Switch course role to... Other Roles Help Exit

Set/Modify Course Parameters

Juan Eduardo Ramirez
Course Coordinator
Demo Course

Demo Course->Parameter Manager->Problem Parameters Table Mode Parameter Setting

Specific Resource: Proton through Filter (msu/physicslib/msuphysicslib/61_MagField1/msuprob09.problem)

Show all parts:

Section:

For User or ID at Domain [Select User](#)

Update Parameter Display

Assessment URL and Title	Type	Enclosing Map or Folder	Part	Parameter Name	Any User					Parameter in Effect	Current Session Value (ramirez at uprm)
					in Course		Resource Level		in Course		
					general	for Enclosing Map or Folder	default	from Enclosing Map or Folder	for Resource		
			0	Problem Opening Date [Part: 0] (opendate) Automatically sets due date, maxtries, hintries	*	*			*		
			0	Problem Due Date [Part: 0] (duedate) Automatically sets answer date	*	*			*		
			0	Problem Answer Date	*	*			*		

Done

Outline

Problem

This is the window after selecting **modify parameter**



set parameters

Outline

Problem

LON-CAPA Set/Modify Course Parameters - Mozilla Firefox

http://loncapa.hep.uprm.edu/adm/parmset

Set/Modify Course Parameters

Specific Resource: Proton through Filter (msu/physicslib/msuphysicslib/61_MagField1/msuprob09.problem)

Section: [dropdown]

For User [input] or ID [input] at Domain uprm [dropdown] [Select User](#)

Update Parameter Display

Assessment URL and Title	Type	Enclosing Map or Folder	Part	Parameter Name	Any User					Parameter in Effect	Current Session Value (ramirez at uprm)
					general	for Enclosing Map or Folder	default	from Enclosing Map or Folder	in Course for Resource		
			0	Problem Opening Date [Part: 0] (opendate) Automatically sets due date, maxtries, hintries	*	*			*		
			0	Problem Due Date [Part: 0] (duedate) Automatically sets answer date	*	*			*		
			0	Problem Answer Date	*	*			*		

select * to set opening date

select * to set due date

This is the window after selecting **modify parameter** (make sure is the column **for Enclosing Map or Folder**)



main menu



Main Menu

My Roles

- Switch to another user role

Communication

- Course announcements and my calendar
- Send and receive messages
- Enter the chatroom for the course

My Space

- Edit any group in the course
- Enter my portfolio space
- Edit blogs, RSS feeds, and podcasts
- Set my user preferences
- Use or edit my bookmark collection

Content Library

- Search the database of published resources and accessible portfolio files
- Browse published resources

User Management

- Manage course users

Course Management

- Edit any group in the course
- Modify parameter settings (due dates, etc) for resources and the course
- What's new?

Grading and Statistics

- View calculated grades (Spreadsheet)
- View the course assessment progress chart**
- View course assessment statistics

Course Content

- Edit and view documents included in this course
- Navigate the table of contents for this course

Other

- Exit LON-CAPA
- Display catalog of courses

Outline

Edit

click to check student performance



main menu



Outline

Edit

click to check student performance

edit course