

An Unfortunate Necessity

Building an SCA A&S Website and taking good Photographs for it

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Outline

- Why do I need an SCA website?
- What do I put on it?
- Picture Planning
- Composing
- Using your pictures
- Editing
- Setting up your website

Disclaimer

- This class is focused on one easy to understand & free route to producing a good SCA website. There are lots of options that we will not be discussing in this class.
- We **will not have time to discuss** things like
 - other site building systems (Weebly, Joomla!, Drupal, etc.)
 - other bloggling approaches (tumblr, Pinterest)
 - hosting
 - domain names
 - “Fair Use” of copyrighted material
- Feel free to research them and make other choices.



Why do I want an SCA Website?

- Make your work visible outside of your local group to help with SCA recognition
- Share your knowledge, work, enthusiasm
- Find other folks interested in your topic

What is your Site About?

- All of your A&S Work?
- A more specific topic?
- What is your audience and what is their knowledge of your topic?
- Start small and expand over time.

Defining your site

- Break your subject into subtopics; categorize
 - By year or era
 - By country or region (Spanish/English/French...)
 - By something else (shirts/pants/hats, daggers/axes/swords, etc.)
- Do you have about 1-3 sheets of paper worth of material for each category?

What do you put on your site?

(1 of 3)

- Your own work
 - Pictures with captions
 - Tutorials
 - Videos
 - Your documentation
 - PDFs of handouts

What do you put on your site?

(2 of 3)

- About You Page
 - Name
 - Picture of you
 - Contact info
 - Background
 - Link to your Order of Precedence (awards list) page on the Atlantia site

What do you put on your site?

(3 of 3)

- List of classes taught with links to handouts/slides/notes
- References to period sources
- Links to other people's work
 - Do not post other people's work without permission and credit
 - "Fair Use" is a legal standard for use of copyrighted material without permission. Google it for more information.
 - Linking to someone else's site is the preferred approach.

SCA photo etiquette

Need releases from photographer and subjects to use on official webpages or newsletters

Photographer can complete a “blanket” release for SCA use

When in doubt, ask permission

General Photo Guidelines

- **Take lots of shots** - “film” in the digital age is free, battery may be your limiting factor
- Start with full auto mode
- Many cell phone cameras are sufficient
- Larger lens cameras are more flexible
- The best camera is the one you have with you

SLR vs Cell Phone

Same lighting,
Same black background



Canon 50D SLR



Google Pixel XL Cell Phone

Take lots of Pictures!!!

- Remember digital film is free, but have spare batteries
- If you use 10% of your shots, you're doing great!



Before taking Pictures: Look at your surroundings:



Watch your backgrounds - cars, portajohns, coolers, soda cans, signs etc. can distract. (Be aware of these things before you begin photographing your items and you will not need to remove them later.)



Planning your Pictures: What story are you telling?

Illustrating an object?
Describing a technique?
Documenting a process?
Recording an event?
Or do you just want to do it all?



Planning your Pictures:

What pictures do you need?

Single shot of finished item?

Close ups of portions of item?

Shots of each stage of a process or technique?

Is a carefully composed studio picture or a “candid” field picture better?



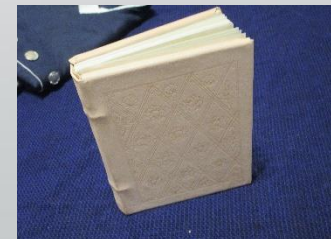
Item Detailed Shot

- Include a shot of the full item to give context.
- Then include a close-in shot of the detail that you want to highlight.



Single item shots

- Studio photo or a staged grouping of items. What tells your story the way you want it heard.



Backdrops



Visual Interest

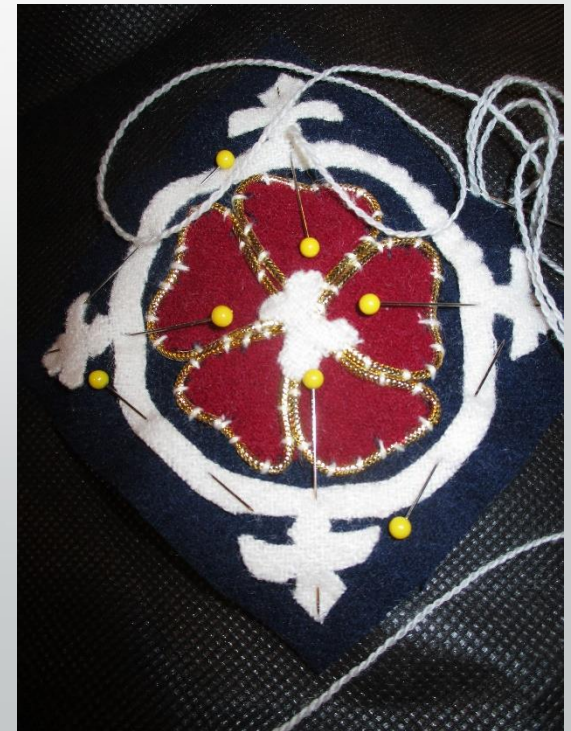


Angles



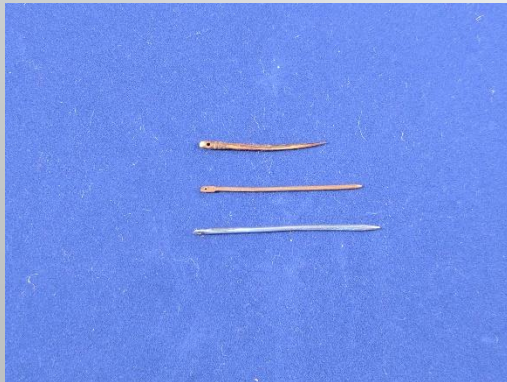
Horizontal or Vertical

- Take both, especially if you are taking pictures that you do not know when you are going to use them. Otherwise you will want what you do not have for your page layout.
- You can rotate or crop a picture, but they can look odd.



Planning your Pictures: Composing your pictures

Is scale clear? - if necessary include
a ruler or coin to illustrate size



Positioning your Work



Shooting Clothing

- The best picture of your garb will be a picture taken of you wearing it.
- If the item no longer fits you, and wearing it is not an option, find an appropriate person to model it or use a dress form.



Please Iron your Clothing

- If you are taking the time to make a web page of your work make sure it looks the best that it can.
- That means removing wrinkles, pet hair, lint, etc.
- Again control what the viewer can see by watching your background.



“How to” Pictures

- If possible, think about how you want to write the article or web post before you begin shooting pictures.
- If possible, have somebody else take these pictures of you doing the work.
- You know how to hold your hands and what to focus on. Plus you cannot be in two places at once.
- You may have to repeat these pictures, if you did not explain to the photographer exactly what you wanted.
- Again take lots of pictures, especially if you are doing something that you will not be repeating. You can always skip using a picture.

Pictures needed to show Process

- How to dye



These were not shot at the same time;
Do as I say, not as I do.

Home Photo Studios

- To photograph a single item it is helpful to have a small studio. This way you can control what the viewer sees. You can make a small studio or purchase one.
- We did both and I like the purchased one, because it stores almost flat.



Photo tents: Start at \$14 on Amazon. Watch Sizes!

Homemade Light Tent



- Select cardboard box of appropriate size.
- Remove top, cut away most of 3 sides
- Tape 2 layers of cheap interfacing over sides
- Make backdrop with uncreased, gradual curve of posterboard.



Light and Shoot

Cropping



Original picture



Cropped picture

Reduce resolution (and thus file size) for web use - loads faster and fits the page better

Clean up Background Noise



More Cleaning of your Background

- Crop the photographer out of the shot before posting



Laying out your Website

Watch how you direct the viewers' eyes



Laying out your Website



Watch how you direct the viewers' eyes

Adding Pictures to your Website

Add text to describe what the picture is and to focus attention on your intended detail

Make it clear if part of the picture is other people's work

Longsword Postas

Fiore's longswordostas describe sword positions. These poses are generally shown during a fight and can be executed with a wide variety of foot positions and weight. One particular pose is shown when the posta is described, but alternative poses are frequently used during plays that use the posta. Think of the postas as zones rather than poses to be meticulously duplicated.

One way to drill your understanding of the postas is to use our [Longsword Posta cards](#). The illustrations are from the [Getty museum's copy](#) of Fiore's book.

Tutta Porta di Ferro/Full Iron Gate



Tapestry



It is going to take me some time to get this section organized. I just wanted to get pictures up as I get occasional emails on this project. I seem to be stuck on the issue of embroidery. It is not busy enough and I cannot get the side panels on the tapestry to look right. Once I get past that hurdle, I have to figure out how to stabilize the tapestry project and a spot to hang it in my home. No point in putting my SCA story on a wall and putting it in a trunk.

Building the Machine

A Machine in Five Marks: Being a brief history of the development of Llwyd's Machine



Llwyd and his Mk I and Mk V versions of the Machine

SCA photo etiquette

Do not distract from court or other ceremonies

No flash

Stay put - moving around distracts

Stand out of view of people watching the event - off to the side or on the floor down front

If I show up in event pictures with a camera on my face - one of us was in a bad spot.



Learn from our Mistakes



Look at your pictures as
you shoot in case you have
bumped into a weird setting



This black and red tent
looked fine to our eyes but
confused the camera



We could see court, but
the camera could not.

Reshoot if you have to



Washed out, showing lots of lint



Center in focus,
front and back blurry

Setting up a website

part 1: Look at other sites for ideas

- Our websites
 - Kaleeb.galtham.org
 - BaronLlwyd.org (Joomla!)
 - LearnFiore.org
 - LloydTech.org

Kaleeb's Website

Baroness Kaleeb Aun Khadrea



Welcome again!

Posted on February 5, 2014 by Kaleeb The Green Eyed

Search

Pages

- Anglo-Saxon
- Anglo-Saxon King Pouch
- Balls
- Bayeux Tapestry
- Bands
- Bench Chest
- Book

Master Llwyd Aldrydd

Barony of Tir-y-Don, Kingdom of Atlantia



New Fiore Fundamentals Videos Posted

I just posted four new short videos covering some fundamental concepts in Fiore. They cover holding your blade (with discussion of true/false edge and gloves), range, cuts, stance, and footwork. They are all posted to a new playlist on the Learn Fiore YouTube channel. Since I'm stuck at home during the Covid-19 isolation period, I had to serve as both cameraman and presenter. So the videos are a little rough at points. Hopefully we'll get back to being able to make content with more of the team soon.

Here are links:

- Fiore Fundamentals playlist
- Learn Fiore YouTube channel with lots more videos
- Learn Fiore website with downloads, articles, and links to more Fiore

Published: 13 April 2020

SCA Europe HEMAHEMA

Atlantia Wiki

Atlantia has a new wiki focused on our Kingdom's people, or photography, websites and some awards! You can go and find out at <https://wiki.atlantia.sca.org>

Published: 10 October 2019

Learn Fiore

Using Fiore del Liberto's Combat techniques in the SCA



New Pages and Flashcards!

Posted on October 8, 2017 by Lloyd Aldrydd

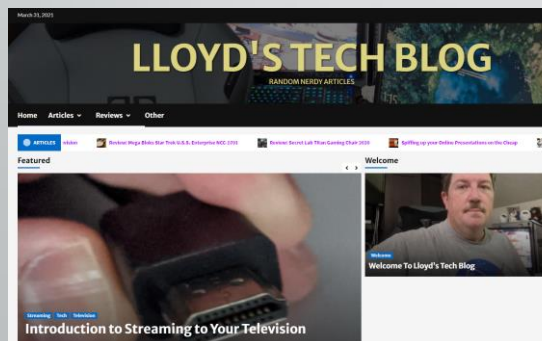
We've just added new photo pages for Fiore's *Sword in Armor* and *Dagger* Postas. We've also updated the previous set of *Longsword Posta* flashcards and added a set of *Sword in Armor* and *Dagger* Posta flashcards. We've even added a new *Glossary* with pictures and a corresponding set of flashcards coming soon.

Quote The Master:

"I am the sword and I am lethal against any weapon; lance, axe and dagger are worthless against me. ... Come against me and feel the pain."

Recent Posts

- New Pages and Flashcards!
- RSS and FAQ, oh my!



Setting up a website

part 2: Collect your materials

- Collect what you have
 - Locate existing pictures or artwork
 - Locate existing class handouts, papers, links
- List what you need to create
 - New pictures
 - New descriptions



Name	Date modified
12D-Fencing.pdf	10/20/2009 1:00 AM
Army Communications.pdf	10/18/2007 1:00 AM
FioreCards.pdf	11/18/2015 5:42 PM
Intro2PeriodRapierMan.pdf	5/28/2014 1:00 AM
KRMduties.docx	3/19/2016 8:50 AM
KRMduties.pdf	3/19/2016 8:53 AM
Measure and Tempo.pdf	1/30/2013 12:00 AM
Modern-resume.pdf	3/30/2016 5:51 PM
SCA-resume.pdf	3/19/2016 9:01 AM
Spectators Guide Handout.pdf	6/9/2010 1:00 AM
Sword bending.pdf	1/21/2013 12:00 AM
TheOrderoftheSeaStag.pdf	2/21/2016 11:00 PM
Unevent2010.pdf	12/5/2010 12:00 AM
Unevent2010-v1.pdf	11/30/2010 12:00 ...

Setting up a website

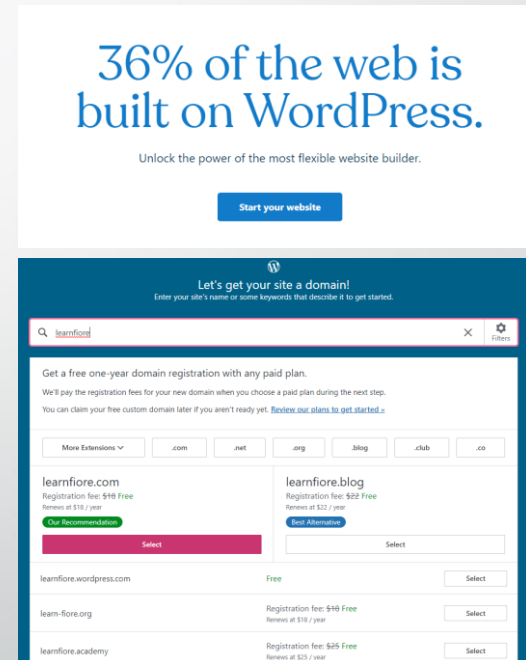
part 3: pick a name

- Your sca name (Kaleeb)
- Your name and title (BaronLlwyd)
- The topic of your work (LearnFiore)
- Have a couple of different ideas ready
- Don't worry about the .com/.org/.net etc extension

Setting up a website

part 4: your Wordpress account

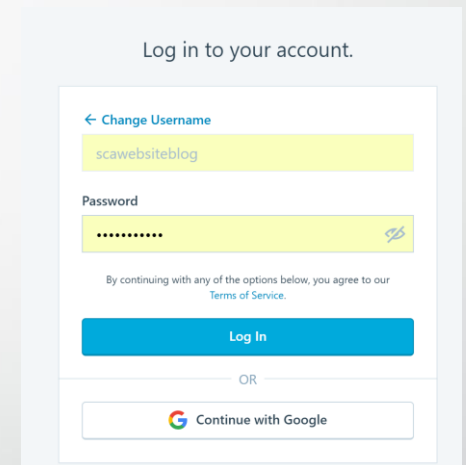
- Go to wordpress.com
- Click “start your website”
- Create or login to an account
- Type in your first website name idea
- Select free options, or try one of your other name ideas. Repeat until you find an available choice that you like.
- Write down your final site name and password



Setting up a website

part 5: Editing your Website

- Remember the website and password you reserved at wordpress.com
- Using your web browser (Chrome, IE, etc) go to <http://yourwebsite/wp-admin>
- Log-in with your username (site name) or email and password if necessary



Log in to your account.

[← Change Username](#)

scawebsiteblog


Password

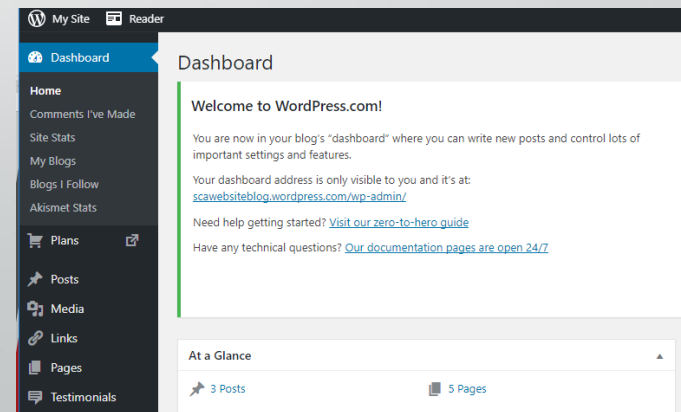
.....

By continuing with any of the options below, you agree to our [Terms of Service](#).

Log In

OR

 Continue with Google



Wordpress Interface

The image shows the WordPress dashboard interface. On the left is a dark sidebar menu with various options. A red circle highlights the 'Posts', 'Media', 'Links', and 'Pages' items. Another red circle highlights the 'Appearance' item. A yellow callout box points to these four items with the text 'These 4 items add things to your site'. A second yellow callout box points to the 'Appearance' item with the text 'Themes, menus, widgets, lots of other settings are here'. The main content area of the dashboard includes a top navigation bar with 'My Site' and 'Reader' tabs. Below this is a security notification about two-step authentication. The dashboard itself is titled 'Dashboard' and contains several widgets: 'At a Glance' showing 3 posts and 6 pages; 'Quick Draft' with a title field and a 'Save Draft' button; 'Storage Space' showing 3,072 MB allowed and 0.31 MB used; 'Activity' showing recently published content; 'WordPress Events and News' with upcoming events; and 'Your Stuff'.

My Site Reader

Dashboard

Home

- Comments I've Made
- Site Stats
- My Blogs
- Blogs I Follow
- Akismet Stats

Plans

- Posts
- Media
- Links
- Pages
- Testimonials
- Comments
- Feedback
- Appearance
- Plugins
- Users
- Tools
- Settings

Tighten your account's security: Two-step authentication is now available on WordPress.com. [Enable now](#) or [learn more](#).

Dashboard

At a Glance

3 Posts 6 Pages

WordPress.com running Twenty Ten theme.

Storage Space

3,072 MB Space Allowed 0.31 MB (0%) Space Used

Quick Draft

Title

What's on your mind?

Save Draft

Activity

Recently Published

Oct 15th, 8:11 pm Featured Content

Oct 19th, 6:11 pm Featured Content

WordPress Events and News

Attend an upcoming event near you.

Suffolk, VA, USA

Wednesday, Jan 10, 2018 9:30 am

Network: Ask, Advise, Discuss, and Learn

Suffolk, VA, USA

Wednesday, Feb 14, 2018

These 4 items add things to your site

Themes, menus, widgets, lots of other settings are here

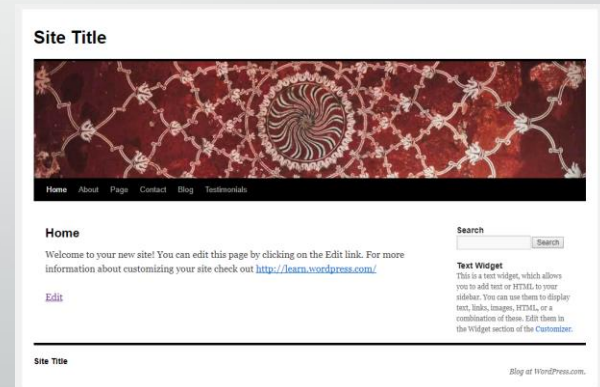
Setting up a website part 6: Themes

- “**Themes**” define your overall layout
- See wordpress.com/themes for 100’s of options
- You’ll replace all the pictures and text from the theme later

Themes can completely change the look-and-feel of your site.



Default theme “Dara”



New theme “TwentyTen”

Themes Walkthrough

2. Scroll through the list and select one to try.

I like a theme named "Twenty Ten", so I searched for "Twenty"

Themes

9

Twenty

Trending

Popular

Newest

Twenty Sixteen

Come Sail Away with Me

Individually, we are one drop. Together, we are an ocean.

On crossing the imaginary line drawn from Punta Mala to [Amazon](#) the ships
... to believe how at once the strong borders of the world
... of capricious stars that play with them for thirty
... sometimes. Before them the head of the calm gulf is
... of the year by a great body of motionless and opaque
... these mornings another shadow is cast upon the evening
... at the gulf.



Twenty Sixteen

Home Style Guide About Contact

ABOUT

Twenty Sixteen is a modernized take on an
ever-popular WordPress layout — the
best-kept secret local with an optimal right
sidebar that works perfectly for images and
text. It has custom color schemes with
beautiful default color schemes, a
responsive layout grid using a modular flex
approach, and an overall design to make
your site look like a professional. It's
WordPress look beautiful, redefined.

Preview

3. Some themes cost money. There are many great free ones to try. Select "preview" or "activate" to view

Dashboard

Plans

Posts

Media

Links

Pages

Testimonials

Comments

Appearance

Themes

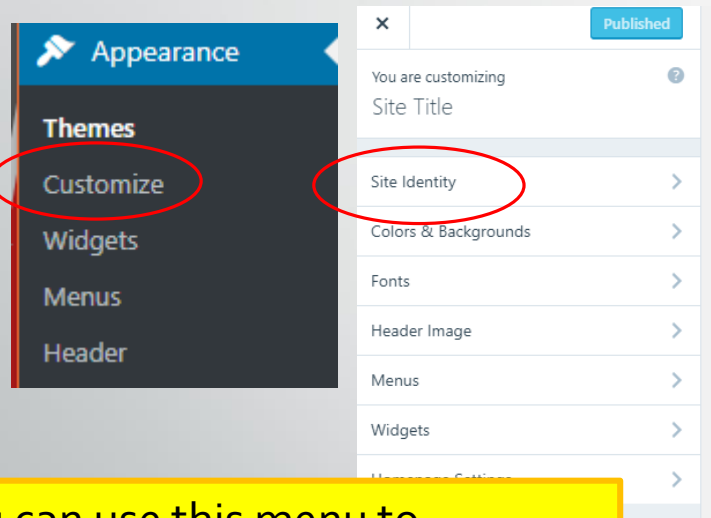
Customize

Widgets

1. Select Themes under "Appearance"

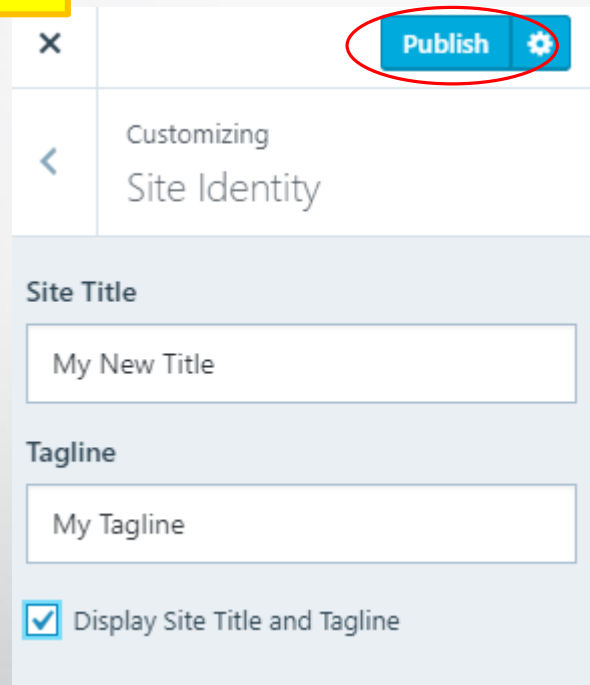
Themes Walkthrough

1. Select "Appearance", then "Customize"

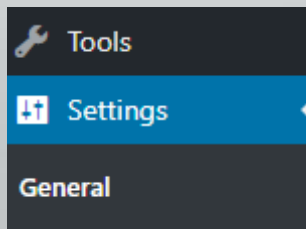


2. You can use this menu to customize the theme: Set your site title, the image used at the top of the page, your color scheme, and fonts.

3. Hit the blue button to save your changes.



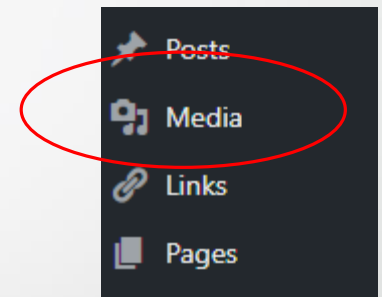
4. Some of these options can also be found in Settings>General.



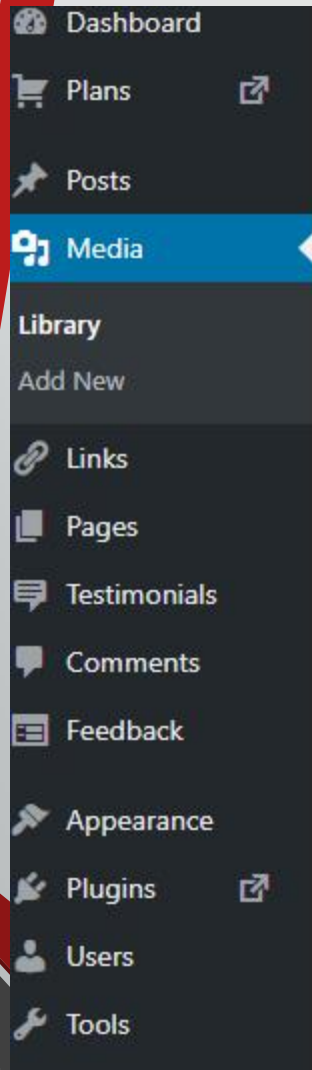
Setting up a website

part 7: Pictures, PDFs, & Files

- Wordpress calls these “**Media**”
- Upload some pictures or PDFs for your site
- If you can reduce the resolution of pictures before uploading you’ll save space and time - your free site is limited to 3000 MB



Media Walkthrough



Tighten your account's security: Two-step authentication is now available on WordPress.com.

Click this "Add New" Button to upload your own pictures and PDFs

Media Library [Add New](#)

There's an easier way to manage media on WordPress.com. [Switch to the improved experience.](#)

You are currently using 312.4 KB out of 3.0 GB upload limit (0%).

Did you know that you can upload videos and embed them directly on your blog with VideoPress included?



All media items ▼

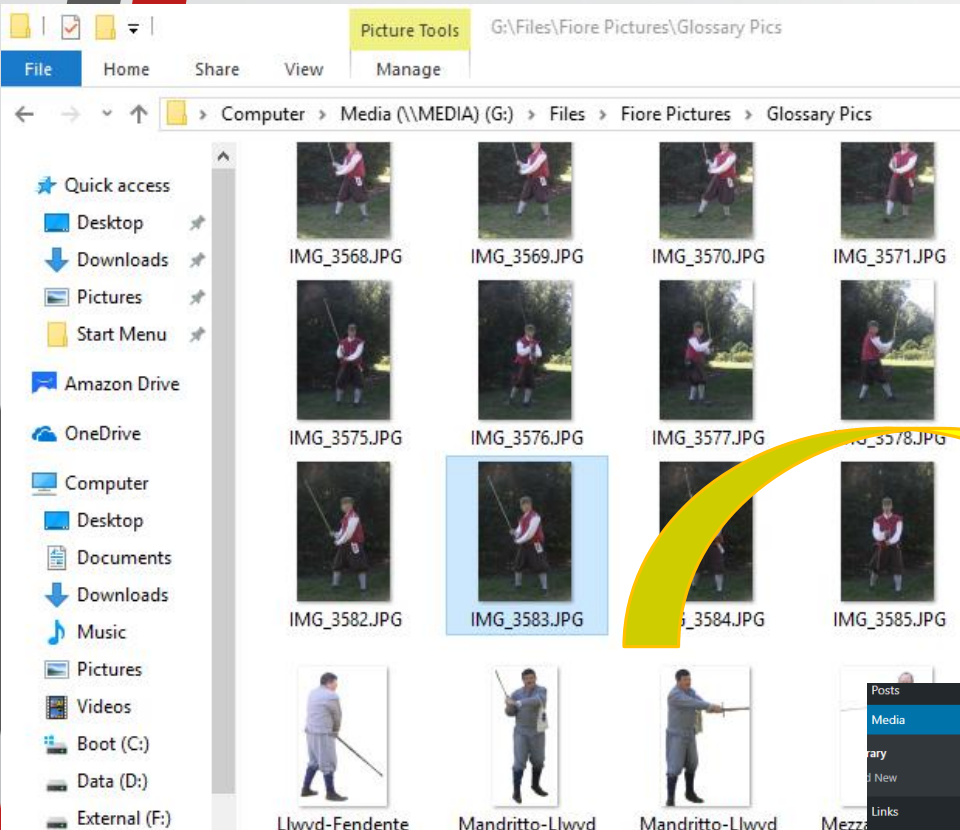
All dates ▼

Bulk Select



Your current media files. These particular ones are included with a new site.

Media Walkthrough



Drag your files onto this window to upload them to Wordpress.

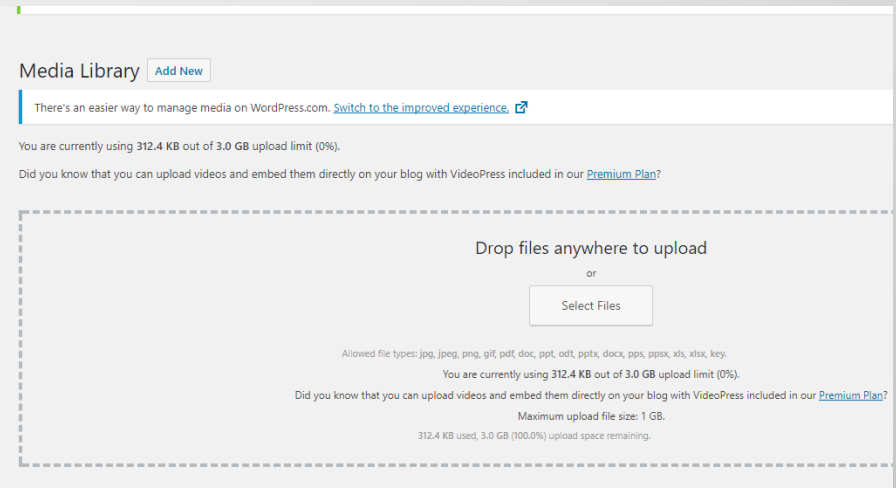
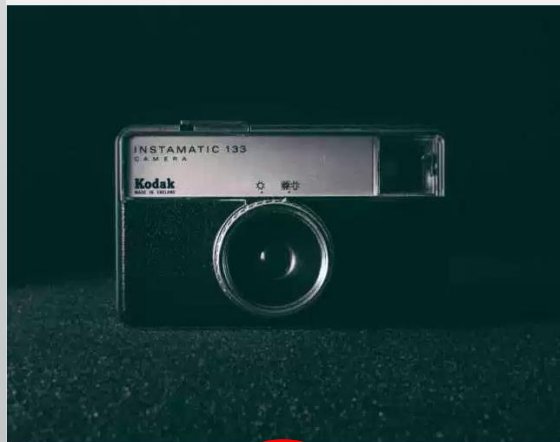


Photo Editing in Wordpress

Scaling, cropping, and rotating is possible within Wordpress itself



Edit Image

Attachment Details

Crop

Rotate



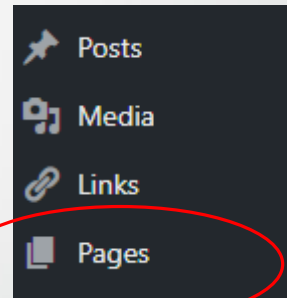
Cancel

Save

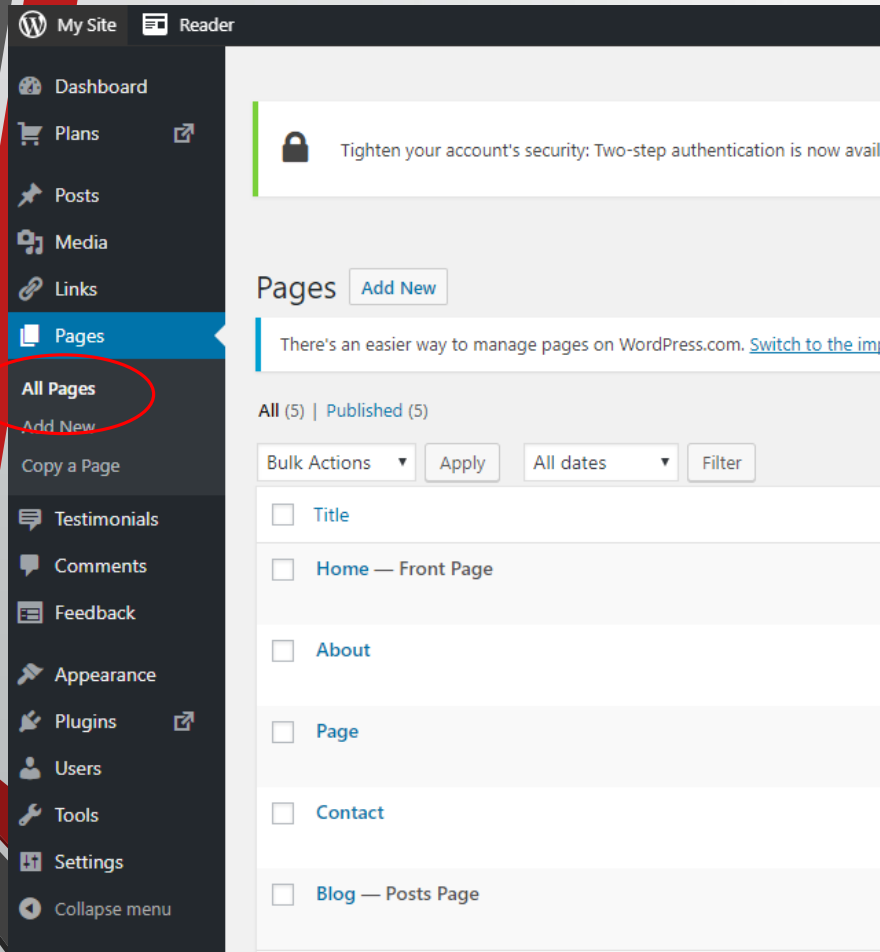
Setting up a website

part 8: Pages

- Use the simple word processor tools to write your text. Remember your target audience.
- Add your pictures to illustrate your words.
- Edit and tweak the page until happy, remember to hit the “Update” button
- See your work
 - Open your site in another window and hit the refresh button to verify your changes



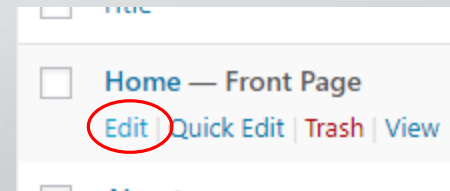
Pages Walkthrough



Wordpress starts you with 5 sample pages. You should edit these to start, then you can add more if you want.

Select “All Pages” under “Pages” to see all of the current pages.

Hover over the “Home” page and select “Edit” under it.



Pages Walkthrough

Editing your page is just like using a word processor.

The screenshot shows the WordPress 'Edit Page' interface. On the left is a sidebar menu with options like Dashboard, Plans, Posts, Media, Links, Pages (highlighted), All Pages, Add New, Copy a Page, Testimonials, Comments, Feedback, and Appearance. The main content area is titled 'Edit Page' and includes a text input field for the page title, currently set to 'Home'. Below the title is a permalink field showing 'https://scawesiteblog.wordpress.com/'. There are buttons for 'Add Media', 'Add Poll', 'Add Contact Form', and 'Add Location'. A rich text editor is visible with various formatting options. On the right side, there is a 'Publish' panel showing the page status as 'Published' and a blue 'Update' button circled in red. Red arrows point from yellow callout boxes to these specific elements: the title field, the 'Add Media' button, the text editor, and the 'Update' button.

Set the name of the page here.

Click in the text portion of the window and change the text to be more specific for your site.

Hit this "Add Media" button to add one of your uploaded pictures to the page.

Check your page, tweak, save, and check again until you're happy!

Click the blue "Update" or "Publish" button on the right to save your edits.

Adding Links to your Pages

1. Linking to other sites or pages is a very common, and easy, addition to your pages

2. Type a description of the item you're linking to, highlight it, then...

3. Click the chain icon to bring up a window where you can type the web address of what you are linking to.

4. Remember to hit the blue update button to save your work!

The screenshot shows a text editor interface. At the top is a toolbar with various formatting options. A red arrow points from the 'Chain' icon (a link symbol) in the toolbar to a yellow callout box. Below the toolbar, the text 'Here are some other good Fiore resources:' is followed by a section titled 'Recommended Fiore Books'. Under this section, there is a paragraph of text: 'This is an excellent reproduction of the Getty version of Fiore's book. Crisp illustrations, easy to read text (if you read medieval Italian). Buy it on Amazon'. A red arrow points from a yellow callout box to the underlined text 'Buy it on Amazon'. Below this text, a link preview is visible, showing the URL 'amzn.to/2lZQnSt' and a blue 'Update' button. The bottom of the screenshot shows the beginning of another paragraph: 'Fiore dei Liberi's Armizare: The Chivalric Martial Arts System...'.

Paragraph ▼ B I [List Icons] [Quote Icon] [Align Icons] [Link Icon] [Table Icon]

ABC - A [Text Icons] [Undo/Redo Icons] [Help Icon]

Here are some other good Fiore resources:

Recommended Fiore Books

S Ludwig XV 13 (Italian Edition), Fiore Dei Liberi , ISBN 978-

This is an excellent reproduction of the Getty version of Fiore's book. Crisp illustrations, easy to read text (if you read medieval Italian). Buy it on Amazon

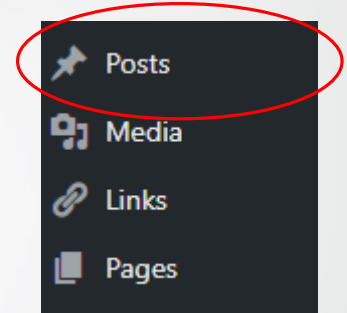
amzn.to/2lZQnSt [Update Button] [Close Icon]

Fiore dei Liberi's Armizare: The Chivalric Martial Arts System

Setting up a website

part 9: Posts

- The “**Blog**” page of your site is configured to act as a simple blog where you can add short news or other update items.
- Items are added to this page using the “**Posts**” menu option.
- **Edit your text and add pictures just like when creating a standalone page.**
- You can make this blog your front page if you want later on, but only if you’re going to post regular updates about what you’re doing, teaching, or have recently added to the site (see LearnFiore.org)



Welcome again!

Posted on [February 5, 2014](#) by [Kaleeb The Green Eyed](#)

Welcome to my new website. I have begun experiences in the SCA. I expect that it will working. I needed to start with a small section of the program and not get too overwhelmed. I have an arts background and not a computer background.

New Pages and Flashcards!

Posted on [October 8, 2017](#) by [Llwyd Aldrydd](#)

We've just added new photo pages for Fiore's [Sword and Dagger](#) and also updated the previous set of [Longsword Posta flashcards](#). We've also added [Armor and Dagger](#) Posta flashcards. We've even added a corresponding set of flashcards coming soon.

Allow Comments?

Discussion

☐ Allow comments

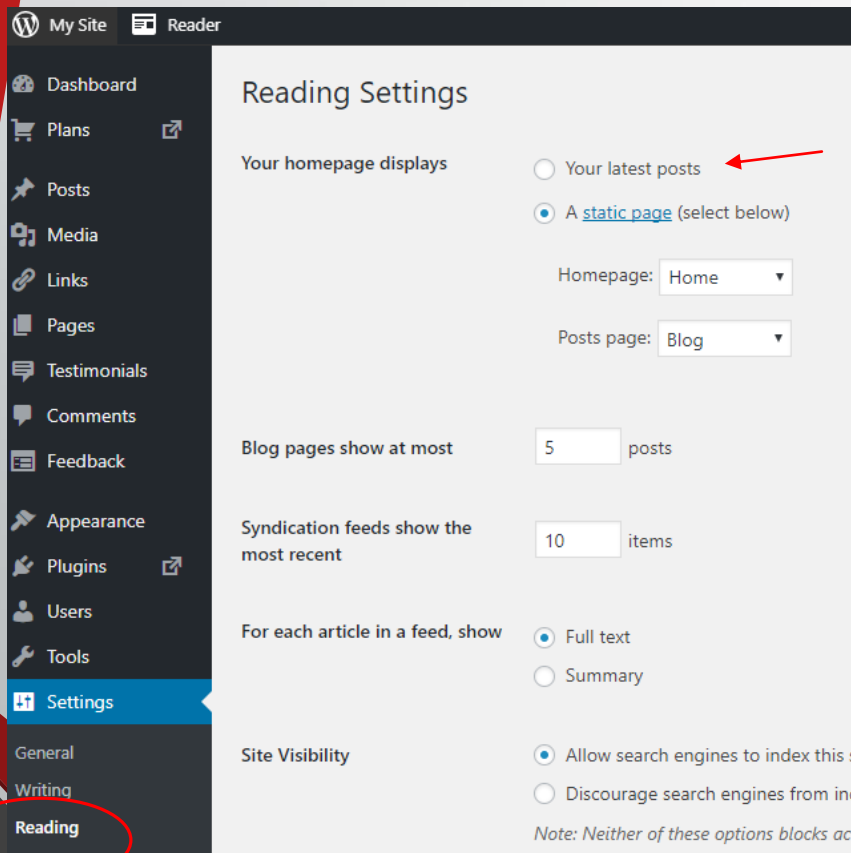
☐ Allow [trackbacks and pings](#) on this page

- Some sites allow site readers to respond and discuss posts on the site.
- We don't recommend this due to spam issues.
- Facebook or a full featured blog are better choices.

Emphasizing your Blog?

OPTIONAL!!!

You can make your blog page your front page by choosing "Settings", then "Reading".

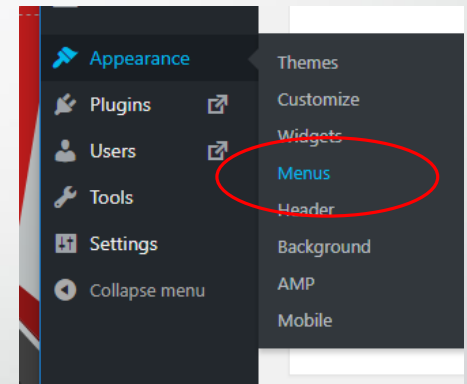


Click here to change which page appears when visitors first load your site.

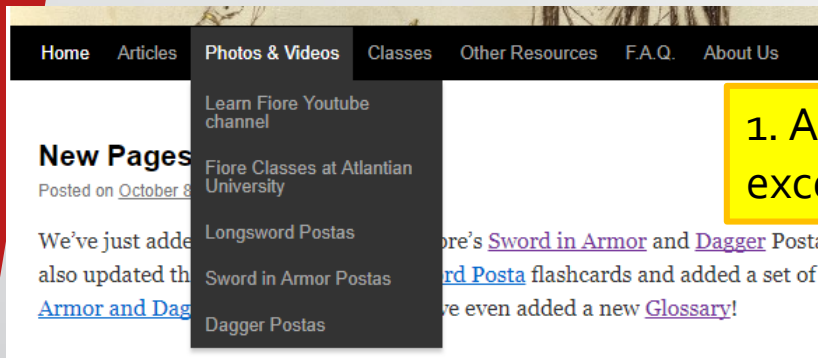
Setting up a website

part 10: Menus and Navigation

- Depending on your theme selection, you may have one or more menus
- Menus are used to organize your pages and assist your readers in finding what they are interested in.
- Select “Appearance/Menus” option on the left side controls.



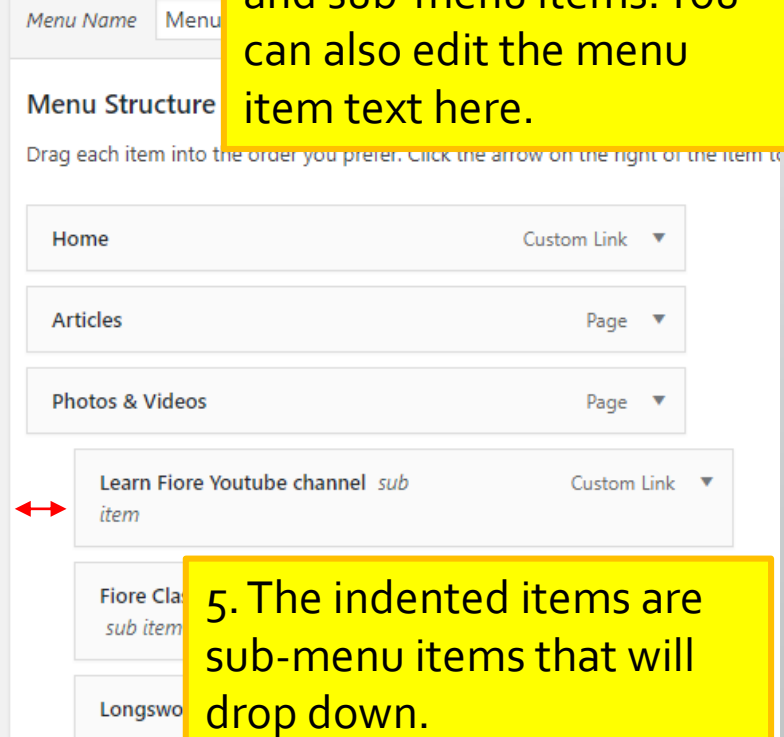
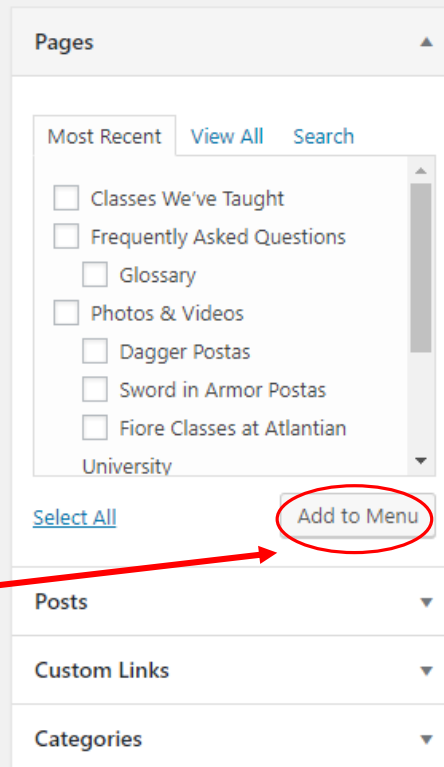
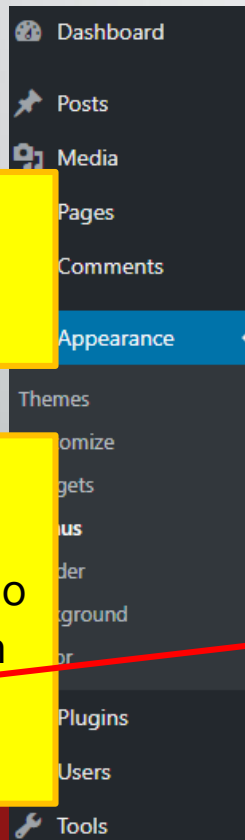
Menu Walkthrough



1. All items are pages on our site except for the YouTube channel item.

2. Select "Appearance", then "Menus"

3. Add a new page, blog post or outside link to your menu with the left side options.



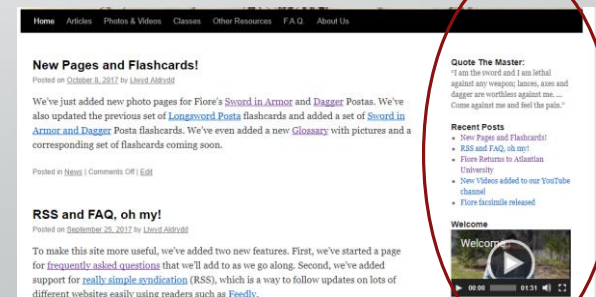
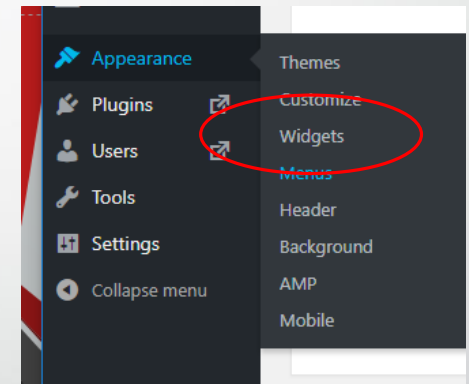
4. Drag your items around in the "Menu Structure" section to order your menu and sub-menu items. You can also edit the menu item text here.

5. The indented items are sub-menu items that will drop down.

Setting up a website

part 11: Widgets (*advanced*)

- Most themes have a side bar that you can add useful information or more navigation to.
- These items are called “widgets” and are accessed under the Appearance menu.
- You can add widgets to the side or bottom (“footer”) of your pages.
- Look at other pages for ideas.



Widget's Walkthrough

The screenshot shows the WordPress dashboard's 'Widgets' page. On the left is a dark sidebar menu with options: Dashboard, Posts, Media, Pages, Comments, Appearance (highlighted in blue), Themes, Customize, Widgets, Menus, Header, Background, Editor, and Plugins. The main content area is titled 'Widgets' with a 'Manage with Live Preview' button. Below this is the 'Available Widgets' section, which includes a descriptive paragraph and a grid of widget boxes. The grid contains: Archives (A monthly archive of your site's Posts.), Audio (Displays an audio player.), Calendar (A calendar of your site's Posts.), Categories (A list or dropdown of categories.), Custom HTML (Arbitrary HTML code.), Gallery (Displays an image gallery.), Image (Displays an image.), and Meta (Login, RSS, & WordPress.org links.). A yellow curved arrow originates from the 'Categories' widget and points to the 'Recent Posts' widget in the 'Primary Widget Area' on the right. The right side of the interface shows three widget areas: 'Primary Widget Area' (containing Text: Quote The Master:, Recent Posts, Video: Welcome, and Text: Follow Us), 'Secondary Widget Area', and 'First Footer Widget Area'. Each area has a dropdown arrow to manage its contents.

Dashboard

- Dashboard
- Posts
- Media
- Pages
- Comments
- Appearance**
- Themes
- Customize
- Widgets
- Menus
- Header
- Background
- Editor
- Plugins

Widgets

[Manage with Live Preview](#)

Available Widgets

To activate a widget drag it to a sidebar or click on it. To deactivate a widget and delete its settings, drag it back.

Archives A monthly archive of your site's Posts.	Audio Displays an audio player.
Calendar A calendar of your site's Posts.	Categories A list or dropdown of categories.
Custom HTML Arbitrary HTML code.	Gallery Displays an image gallery.
Image Displays an image.	Meta Login, RSS, & WordPress.org links.

Primary Widget Area

Add widgets here to appear in your sidebar.

- Text: Quote The Master:
- Recent Posts
- Video: Welcome
- Text: Follow Us


Secondary Widget Area

First Footer Widget Area

Drag and Drop Widgets to order and position them

Share your Website

- Announce it on Facebook, Pinterest, Instagram, Twitter, Atlantia's Wiki, etc. include a link
- Add it to your facebook profile
- Put it on your class handouts
- Put it on business cards available at your A&S displays
- Give it to your Peer or other SCA A&S friend

 <http://kaleeb.galtham.org>

12 DIMENSIONAL FENCING

Master Llwyd Aldrydd
BaronLlwyd@gmail.com
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Introduction to Fiore di Liberi Class Outline

*Master Llwyd Aldrydd, baronllwyd@gmail.com
LearnFiore.org*

Update your Website


- Make a habit of posting pictures of your latest projects, your class handouts, etc. as you create them!
- If you are using your site's blog, highlight your latest work, upcoming classes, etc.
- Consider mentioning your latest project being added to your site on your Facebook wall.

Doing more with Wordpress

- <https://learn.wordpress.com/>
- Youtube tutorials
- Google for text walkthroughs
- 1000's of books

Questions?

- Slides available to download at BaronLlwyd.org
- Advanced topic content on Photo Exposure Theory and editing software included



Basic Photo Exposure Theory

Advanced Topic

Not for Beginners

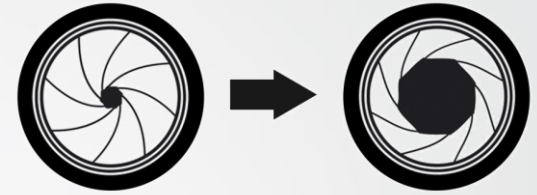
- This section is for cameras that are \$150 or more
- More expensive models will have more controls
- Cell phones generally do not have the controls mentioned

Shutter Speed



How long is the camera absorbing the light for your picture?
Longer shutter time needed for low light (e.g. evening court)
Short shutter time appropriate for bright light
Affects blur
Use a tripod if longer than $\frac{1}{50}$ th of a second to avoid blur from hand shake
Use “sports mode” or manual shutter speed setting to capture high speed movement

Aperture/"f-stop"



How much light the lens is letting into the camera

Affects depth-of-field

"Portrait mode" creates low depth of field to emphasize the subject and blur the background

Low f-stop (e.g. $f/3.5$) = open aperture = brighter picture = low depth of field

High f-stop (e.g. $f/18$) = small aperture = darker picture = high depth of field

Available apertures vary with the camera and lens. More flexibility is more expensive.

Depth of Field Example

- Foreground is in focus, background is not. Very low f-stop used (f/2.2) on my SLR



ISO

“Film speed”

Controls graininess/noise of picture

High ISO (e.g. 1600) = bright picture, more noise

Low ISO (e.g. 100) = dark picture, less noise

Use High ISO in low light to allow no-flash pictures

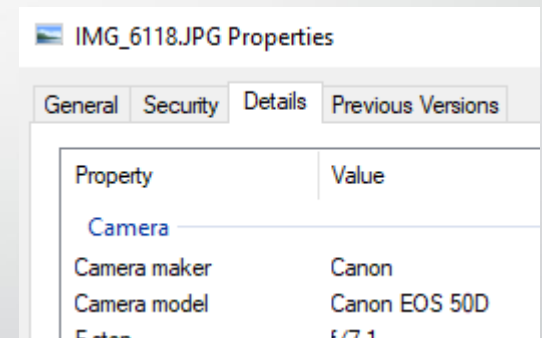
Use Low ISO in bright light to reduce noise

Slow Shutter Speed Example



F-stop	f/5.6
Exposure time	1/30 sec.
ISO speed	ISO-1600

All of these settings are stored in the picture file itself. They are called the "EXIF" data and can be viewed by selecting image properties in Windows.



Picture from evening court is blurry due to movement and slow shutter speed (1/30sec). It is also a little noisy due to high ISO (1600) setting. The fairly low aperture (f/5.6) produces low depth of field - people behind the subject are out of focus - which is ok.

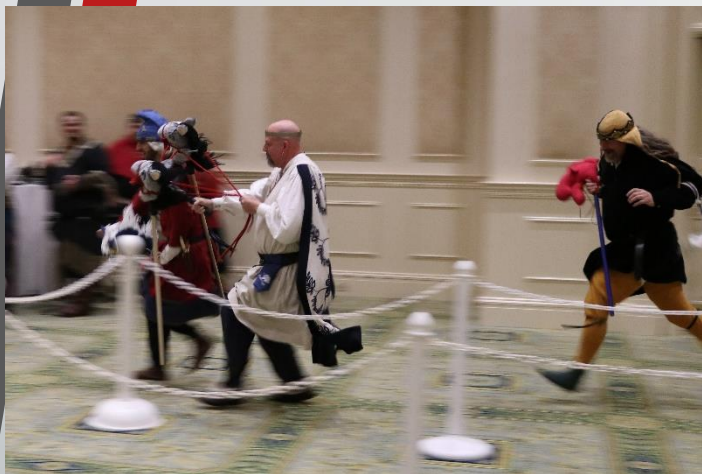
High Shutter Speed Example



Camera maker	Canon
Camera model	Canon EOS 50D
F-stop	f/7.1
Exposure time	1/200 sec.
ISO speed	ISO-100

The high shutter speed (1/200 sec) stops the high speed fight with no blurring. The low ISO (100) is used for full daylight and results in no noise. The medium aperture (f/7.1) gives good depth of field with the observer in focus and the distant truck being a little blurry.

Challenging Movement in Low Light



Camera maker	Canon
Camera model	Canon EOS 80D
F-stop	f/4
Exposure time	1/50 sec.
ISO speed	ISO-2000

High speed movement in challenging indoor light conditions require high ISO (1000 or 2000), low apertures (f/3.5 or f/4) and relatively slow shutter speeds (1/40 or 1/50 sec). Panning the camera to follow the action can sometimes produce good shots, but does not help when subjects are moving toward you.



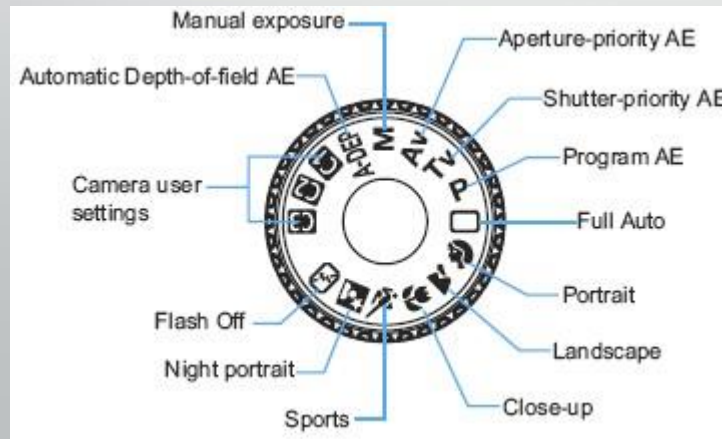
Camera maker	Canon
Camera model	Canon EOS 80D
F-stop	f/3.5
Exposure time	1/40 sec.
ISO speed	ISO-1000

Lesson: shoot lots of pictures and only post the ones that work out.

Combining the Settings

- Full Auto shots will set all 3 variables to a good combination
- Camera assisted shots (Aperture or Shutter priority) will allow you to set one variable manually and automatically set the other 2.
- Alternate modes (Sports, Portrait, Landscape, etc.) will bias the variables to produce a different automatic result.
- Full manual - you set all three.

Canon
dial



Nikon dial

Other Photo Editing Programs

GNU Image Manipulation Program (GIMP) www.gimp.org - FREE!

Adobe tools are expensive

- Photoshop (\$120+/yr) - overkill for this application
 - Quick selection tool great for cutting out from background
- Lightroom (\$150)- great for editing lots of pictures quickly
- Photoshop Elements (\$70) - relatively inexpensive
- Adobe has discounted student/teacher editions - need a student/teacher ID (middle/high school or college) or report card



Other options include Corel PaintShop Pro (\$28), Affinity Photo (\$50).

Also possible to edit pictures in Powerpoint or Publisher.

The Windows Snipping Tool can also be very useful.