

# Basic HTML Tutorial

## Important Tags

### General

<!--	Comment begin & end tags
-->	
&lt;	< less-than symbol
&gt;	> greater-than symbol
&amp;	& ampersand
&quot;	" quotation mark
&shy;	- soft hyphen
&reg;	®
&copy;	©

### Page Structure & Description Tags

<HTML></HTML>	The start and end of the html document
<HEAD></HEAD>	Things generally not for your readers
<TITLE></TITLE>	Titles your page (goes between the <HEAD> tag)
<BODY></BODY>	Set overall page characteristics.
<b>Optional &lt;BODY&gt; tag settings</b>	
BACKGROUND= <i>url</i>	Sets the background image
BGCOLOR= <i>color</i>	Sets the background color
TEXT= <i>color</i>	Sets the text color
LINK= <i>color</i>	Sets the link color
ALINK= <i>color</i>	Sets the active link color
VLINK= <i>color</i>	Sets the visited link color
<META NAME="description" CONTENT= <i>text</i> >	Description of your page for search engines
<META NAME="keywords" CONTENT= <i>text</i> >	Keywords for your page for search engines separated by commas
<META HTTP-EQUIV="Refresh" CONTENT="10;URL=http://www.ent.ohiou.edu/">	Sets this page to go to http://www.ent.ohiou.edu/ after 10 seconds.

### Text Appearance Tags

<B></B>	Makes text <b>bold</b> .
<STRONG></STRONG>	Makes text <b>strong (bold)</b> .
<I></I>	Makes text <i>italic</i> .
<EM></EM>	Makes text <i>emphasized (italic)</i> .
<U></U>	Makes text <u>underlined</u> .
<H1>...<H6>	Creates headings. The smaller the number, the bigger the heading.
<FONT></FONT>	Sets your font options.
<b>Optional &lt;FONT&gt; tag settings</b>	
COLOR= <i>color</i>	Sets the color of the text in between the <FONT> tags
SIZE="+1"	Sets the size of the text to be one size larger than the default ( $\pm 1 - 7$ )
FACE="veranda, helvetica"	Sets the font face to be veranda if available, otherwise helvetica
<SUB></SUB>	Sets text to be subscript.
<SUP></SUP>	Sets text to be superscript.

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## Formatting Tags

<CENTER></CENTER>	Centers items within the tags.
<BLOCKQUOTE> </BLOCKQUOTE>	Indents the margins.
<P>	Starts a new paragraph
 	Line break
&nbsp;	Creates an extra space
<HR>	Creates a horizontal rule (line)

## Image Tag

<IMG>	Displays a picture on a page
<b>Required &lt;IMG&gt; tag settings</b>	
SRC= <i>url</i>	Sets the location of the image
ALT= <i>text</i>	Describes the image
<b>Optional &lt;IMG&gt; tag settings</b>	
WIDTH= <i>value</i>	Sets the width of the picture (recommended!)
HEIGHT= <i>value</i>	Sets the height of the picture (recommended!)

## Link Tags

<A HREF= <i>url</i> ></A>	Creates a link to a URL
<A NAME= <i>text</i> ></A>	Creates a reference to an arbitrary place on your page

## List Tags

<UL></UL>	Unordered bulleted list
<b>Optional &lt;UL&gt; tag setting</b>	
TYPE="circle"	Sets the bullet type. Can also be "disc" "square"
<OL></OL>	Ordered (numbered) list
<b>Optional &lt;OL&gt; tag settings</b>	
TYPE="1"	Sets the number type. Can also be "a" "A" "i" "I"
START= <i>value</i>	Sets the starting "number"
<LI>	List item. Goes with the <UL> & <OL> tags
<DL></DL>	Definition list (used for unnumbered or nonbulleted lists).
<DT>	Definition term. Goes with the <DL> tag.
<DD>	Definition description. Goes with the <DL> tag.

## Table Tags

<TABLE></TABLE>	Creates a table.
<b>Optional &lt;TABLE&gt; tag settings</b>	
BGCOLOR= <i>color</i>	Sets the background color of the table
ALIGN="center"	Set the table alignment Can also be "left" or "right"
WIDTH= <i>value</i>	Set the table width. Can be in pixels (500) or percent ("50%")
BORDER= <i>value</i>	Set the border width in pixels.
CELLPADDING= <i>value</i>	Set the space between the border and the text/images in the cell in pixels
CELLSPACING= <i>value</i>	Set the space between cells in pixels
<TR></TR>	Creates a table row.
<b>Optional &lt;TR&gt; tag settings</b>	
BGCOLOR= <i>color</i>	Sets the background color of the row
ALIGN="center"	Set the row alignment. Can also be "left" "right" "justify"
VALIGN="top"	Set the vertical row alignment. Can also be "middle" "bottom" "baseline"

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<TD></TD>

Creates a table data cell.

## Optional <TD> tag settings

BGCOLOR=*color*  
ALIGN="center"  
VALIGN="top"  
COLSPAN=*value*  
ROWSPAN=*value*  
WIDTH=*value*  
HEIGHT=*value*

Sets the background color of the cell  
Set the cell alignment. Can also be "left" "right" "justify"  
Set the vertical cell alignment. Can also be "middle" "bottom" "baseline"  
Set the number of columns this cell spans  
Set the number of rows this cell spans  
Set the cell width in pixels  
Set the cell width in pixels

---

## Relative URLs

Relative URLs are strongly recommended and should always be used unless an absolute URL is necessary.

../ Means go up one directory from current directory (../ go up 2 directories, etc.)  
../pic/img.jpg Means go up one directory into the "pic" directory and get the image "img.jpg"  
./ Means current directory  
./dir/pic.jpg Means go from the current directory into the "dir" directory and get the image "pic.jpg"

---

## Reference URLs

### HTML Editors

Free Win9x:

<http://www.arachnoid.com/arachnophilia/> (Recommended)

<http://www.notetab.com>

Free Unix/Linux:

<http://www.santafe.edu/~nelson/tools/> (Emacs extension)

Cost Win9x:

<http://www.sausagetools.com/> (30 day trials)

### General Web Page Help

<http://www.bignosebird.com/>

<http://www.pagetutor.com/> (Many tutorials including Frames & Forms)

<http://www.realybig.com/>

<http://www.webdeveloper.com/>

<http://www.merlet.com/>

### Color Picker Pages

<http://www.bignosebird.com/safecol.shtml>

<http://www.merlet.com/colorpicker.htm>

### CGI Script Pages

<http://www.cgi-resources.com/>

<http://worldwidemart.com/scripts/>

### Java Pages

<http://wsabstract.com/java/index.shtml>

<http://www.freewarejava.com/>

# Basic HTML Tutorial

## Example HTML Code

### Page Structure & Description Tags

```
<HTML>
<HEAD>
<TITLE>Eta Kappa Nu HTML Workshop</TITLE>
<META NAME="description" CONTENT="This is a tutorial page for HTML">
<META NAME="keywords" CONTENT="Eta Kappa Nu, HTML, workshop, tutorial">
</HEAD>
<BODY background="#FFFFFF" TEXT="#006633">

<!--This is a comment and will not show up in the web page.-->
```

Welcome to the Eta Kappa Nu HTML Workshop!

```
</BODY>
</HTML>
```

### Text Appearance Tags & Formatting Tags

```
<HTML>
<HEAD>
<TITLE>Eta Kappa Nu HTML Workshop</TITLE>
</HEAD>
<BODY background="#FFFFFF" TEXT="#006633">

<I>Welcome</I> to the <B>Eta Kappa Nu</B> HTML <U>Workshop</U>!
```

```
<BR>
<H1>Heading 1</H1> <BR>
<H3>Heading 3</H3> <BR>
<H6>Heading 6</H6> <BR>
```

```
<CENTER>
<FONT size="+3" color="#000000" face="veranda,helvetica,arial">You can change the font properties of
text</FONT>
</CENTER>
```

```
<HR>
```

```
<BR>
```

```
<BLOCKQUOTE>Blockquotes will indent the margins so that you can easily have a paragraph that stands out.
It will word-wrap to the indentation too.
</BLOCKQUOTE>
```

```
<P>Paragraph tags can be used to start new paragraphs or the "BR" tag can also be used.
```

```
</BODY>
</HTML>
```



# Basic HTML Tutorial

## Table Tags

```
<HTML>
<HEAD>
<TITLE>Eta Kappa Nu HTML Workshop</TITLE>
</HEAD>
<BODY background="#FFFFFF" TEXT="#006633">

<!-- Basic table -->
<TABLE border="1">
  <TR bgcolor="#F0F0F0">
    <TD><STRONG>Class</STRONG></TD>
    <TD><STRONG>Title</STRONG></TD>
    <TD><STRONG>Call #</STRONG></TD>
  </TR>
  <TR>
    <TD>EE103</TD>
    <TD>INTRO TO ECE DESIGN</TD>
    <TD>11127</TD>
  </TR>
  <TR>
    <TD>EE210</TD>
    <TD>FOUNDATIONS OF ECE I</TD>
    <TD>11128</TD>
  </TR>
  <TR>
    <TD>EE211</TD>
    <TD>FOUNDATIONS OF ECE II</TD>
    <TD>40052</TD>
  </TR>
</TABLE>

</BODY>
</HTML>
```

# Basic HTML Tutorial

## List Tags

```
<HTML>
<HEAD>
<TITLE>Eta Kappa Nu HTML Workshop</TITLE>
</HEAD>
<BODY background="#FFFFFF" TEXT="#006633">
```

<!-- Unordered Bulleted Lists -->

```
<UL>
  <LI>Item 1
  <LI>Item 2
  <LI>Item 3
  <UL>
    <LI>Item A
    <LI>Item B
    <LI>Item C
    <UL>
      <LI>Item a
      <LI>Item b
    </UL>
  </UL>
  <LI>Item 4
</UL>
```

```
</BODY>
</HTML>
```

---

```
<HTML>
<HEAD>
<TITLE>Eta Kappa Nu HTML Workshop</TITLE>
</HEAD>
<BODY background="#FFFFFF" TEXT="#006633">
```

<!-- Unnumbered & Nonbulleted lists -->

```
<DL>
  <DT>Title for Group 1</DT>
  <DD>First in Group 1</DD>
  <DD>Second in Group 1</DD>
  <DT>Title for Group 2</DT>
  <DD>First in Group 2</DD>
</DL>
```

```
</BODY>
</HTML>
```

# Basic HTML Tutorial

```
<HTML>
<HEAD>
<TITLE>Eta Kappa Nu HTML Workshop</TITLE>
</HEAD>
<BODY background="#FFFFFF" TEXT="#006633">

<!-- Numbered list example -->

<OL>
  <LI>Item 1
  <LI>Item 2
  <LI>Item 3
  <OL type="A">
    <LI>Item A
    <LI>Item B
    <LI>Item C
    <OL type="a" start=6>
      <LI>Item a
      <LI>Item b
    </OL>
  </OL>
  <LI>Item 4
</OL>

</BODY>
</HTML>
```