

## **ETEC-674, Graham, Week-4, ADA Assignments:**

Use what you learned from the presentation, the information in the text and other sources to answer the following:

1. What are **three types of disabilities** that students in a course you create might have? **Explain the accommodations** that you would need to provide **for each**.

- A. **Hard of hearing, or deaf;**
- B. **Visually impaired, or blind**, or susceptible to optically triggered seizures;
- C. **Motor-skill impaired**, or perhaps partially paralyzed; or disease with tremors; or stroke patients-- relearning motor skills in a different parts of the brain (may have coordination issues). All of these may have difficulty with fine positioning of control/navigation devices, and/or lack strength to activate them in a timely manner, or at all.

2. According to the text, **what is the percentage of the population that has a visual, auditory or physical limitation?** How does that **compare to other sources** for this information. (Please **list at least one other source you found.**)

The text stated 29% (Waterhouse, 2005, p. 172). NIH reports 15-20% have learning disabilities, not mentioned in this question, according to:

<http://school.familyeducation.com/intelligence/teaching-methods/38519.html> Also see:

<http://disabilitystatistics.org/> where the statistics were as follows: 12.1% of Americans reported some type of disability. So, visual, auditory or physical limitations would seem to be a subset of all disabled people in U.S.A. So, the Waterhouse reported 29% would seem to be very high by comparison--almost 1/3 of the population. On the other hand, disabilitystatistics.org shows the total number of self-reported people with disabilities to be closer to 1/10 of the total population. That is a wide ranging difference. So, I searched another source, the 2010 Census data (again, self-reported), which shows a figure closer to the 12% statistic, at:

<http://www.census.gov/prod/2012pubs/p70-131.pdf> . This made me wonder if Waterhouse was listing those who are disabled in education, as opposed to the general population. But when I reviewed her statement, no—she listed only 7.2 % in higher education, while her 29% figure was for the number of families reporting at least one disabled person in their family. I have seen statistics that are higher, such as those used by Waterhouse, but those usually include other groups than those classified as disabled. The other possibility is that those with recognized disabilities are a subset of those individuals with physical limitations. So, that superset would, of course, represent a larger population.

3. Identify **three factors** other than the actual disabilities that exist in your student population **that influence how an institution or a course creator is required to address ADA in an online course.**

Other than purely physical disabilities, here are some disorders that may have a neurological origin (also recognized as disabilities by SSD in schools, such as CSUSB) that can degrade learning, and with which teachers must deal:

- A. Dyslexia, where letters in words are perceived to fly off the screen, vibrate, or get jumbled;
- B. ADD, which can be a problem staying focused on a given task, due to easy distraction;
- C. ADHD, where hyperactivity prevents staying put at a computer, to complete online tasks.

As with many types of learning disabilities, different teaching styles can be frequently switched (multiplexed) into play, to approach alternative learning styles and various disorders from different angles—to keep things fresh and grab attention. Also, mixing things up by using short teaching segments can help. Show-and-tell-like, hands-on activities can trigger kinesthetic learning and hold attention, and bypass text and words that may not connect in some students' brains as effectively as with other students.

4. According to the **text, what is "assistive technology"**? Give some **examples**.

An assistive technology may include hardware, software, or both, that accommodate a disability, such as screen-readers (text to speech); speech to text converters (speech-recognition converter/transcribers); and Brail printers (allow the blind an opportunity to read about what is on a computer screen, thus converting multimedia subtitles, or text to Brail). The context of the textbook was focused on assistive devices for online webpage navigation, access, and use.

5. **Identify and explain two different ways to check a webpage** to ensure that it meets the needs of disabled students.

One can either (1) see how the webpage(s) behave--how they appear to disabled people; or (2) get a report that scores the ADA-compliance of the site.

According to Newberry, 2015, in his PowerPoint for the ETEC-674, session-4, on ADA, he presented two automated compliance validating tools that are online. Those links are: (A) HTML Validation via <http://validator.w3.org/> and (B) CSS Validation via <http://jigsaw.w3.org/css-validator/>. Additionally, the textbook mentioned using tools, such as: (C) Vischeck; (D) WebAIM; and (E) Bobby to check the sites. Of these last three, (C) Vischeck is viewer, and (D) WebAIM is a simulator/viewer, while (E) Bobby is a site rating reporter tool.

**6. Identify two types of presentations used in online courses** (for example, podcasts, PowerPoints, Videos, Slide Shows, etc.) and that you might use **and explain how you can ensure that each is ADA compliant**. Discuss the **relative cost or difficulty** of producing the accommodation.

I use PowerPoints and Videos frequently in my courses. In order to ensure ADA compliance, I would need to provide both text descriptions, as well as course content text, at a minimum, since screen readers can translate that text to speech for the blind, and visually impaired students. I could also print slides of the presentation materials, and key-frames from the videos to go with the text, for students who are not blind, but have difficulty seeing an LCD projector screen at a distance. All of these materials, as well as the alternative materials should be available online, for later viewing, under more accommodating circumstances, such as on big-screen monitors, with amplified headsets, with alternative methods for viewing, such as keyboard controls, instead of mouse controls. If a student has more difficulty in class, this material may be more easily viewed and assimilated by later review, which could also reinforce the material, and lessons.

There is computer software applications available for the automated captioning of audio and visual (A/V) materials, but it is usually expensive, time consuming to use (must be operated in real-time), and often makes errors in the text captions that it generates. So, implementation of these computer applications may save some time, but requires that it be checked by a human operator, who can fix the text errors after comparing the resultant captioning to the actual A/V program content. Some of these programs make over 50% errors. On the other hand, human transcriptions take even more time, and will cost more, simply because transcriptionists are usually paid by the hour, but generally make fewer errors, overall. However, each transcriptionist must be jargon in the field of study captured on the A/V materials, or an expert must check, and correct, their work, too. These experts are even more expensive to employ. At my college, captions can be added to video materials, with 6 weeks of advanced notice, along with the original video materials to be captioned. Because of that lead-time, this must be arranged long before the start of any course that will use that material online. So, that scheduling must be included in the design of the course, for all such material transcriptions.

There would be time, material and labor costs associated with each additional task needed in order to achieve reasonable accommodation for disabilities. But, those are simply the costs of doing business, as educators, amid ADA-compliance requirements. The benefit of these additional tasks is that those accommodating materials will be able to be used, over and over again, once created, thus serving many with disabilities in the future [pay-once, use repeatedly]. These cost pressures could also tend to standardize materials for various subjects, and levels of instruction. Because Reusable Learning Objects (RLOs), where such alternative resources have been created, and could be reutilized in order to reduce the costs of converting new, non-standard materials into ADA-compliant materials. In the long-run, this could actually be a positive pressure in favor of ADA compliant RLOs, so that teacher would only need to convert a few original materials, while using the majority of already ADA-compliant RLOs for the bulk of the training. There are repositories of RLOs, I have searched. I will next need to check their ADA-compliance, and suitability, to augment my online training. This could save me a lot of time and trouble, if they are appropriate for the bulk of my courses. We may consider this an “AHA!-

moment” as well as an “ADA-moment.” Please forgive my thinking out-loud, as I sought to answer this question, and then reflect on it.

**7. Develop a course usability checklist** that is appropriate for your anticipated needs. **Use the example provided in the text as a starting point and explain your modifications.**

On page 177 of our text, there is figure 8.7, which is the suggested table of Coursesite Usability Checklist items, where Waterhouse suggests the individual checks to be tested for accessibility and other qualities of any site. Below, I have borrowed some items, and modified or added others.

To evaluate a site, mark (select) the “Yes” or “No” answer to each question. Please add comments to the right of any response that might clarify.

Can you easily locate and view announcements?	Yes	No
Can you navigate the site easily?	Yes	No
Is the style of the site pleasing and consistent?	Yes	No
Can you easily get back to the start of each page?	Yes	No
Can you find what you want without trouble?	Yes	No
Is the downloading of files quick?	Yes	No
Is HELP readily available, and actually helpful?	Yes	No
Do videos play quickly, without pauses, throughout?	Yes	No
Do videos have closed-captioning?	Yes	No
Are visuals described in text, including videos?	Yes	No
Is the text easily readable (color, font, size, style)?	Yes	No
Are there accommodations for most disabilities?	Yes	No
Is there an audible feature to read text to you?	Yes	No
Are course supplemental course materials available?	Yes	No
Is there a provision for asking instructor questions?	Yes	No
Is there a student forum available?	Yes	No
Is there a way to submit trouble reports?	Yes	No
Are there any links that are broken (need repair)?	Yes	No
Does this site pass the W3 HTML compliance check?	Yes	No
Does this site pass the W3 CSS compliance check?	Yes	No

Most of the changes in the above table were checks that a site evaluator could use to determine the usability of a site and to spot issues early, before they become problems. But, these could also be used during development of a site, by the programmer(s), before release for Beta Testing, along with many others tests that would be developer-specific.

**8. Choose an online course and use your checklist to generate a report on the usability of that course. Your report should include bullet points of things that you recommend be done to improve the usability of specific elements of the course.**

The site that I chose was one I have used for my own edification. It is an older site, so some HyperText Markup Language errors might be expected, because it probably predates the validation tool that tests it. It is the MITOpenCourseware site on semiconductor chemistry and physics, as related to the manufacturing and doping of silicon crystals for ultimate use in microelectronic components. It is composed of a lecture series that was recorded in 2003, and later transcribed and digitized for inclusion on the MIT site. The URL of that site is:

<http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-772-compound-semiconductor-devices-spring-2003/> The lecturer was MIT's Professor, Clifton Fonstad, Jr. In concert with this is a review video by Dr. Sadoway, but video link is missing on the homepage and must be located indirectly. That link goes to one of my favorite videos through youtube.com, at LINK: <http://www.youtube.com/watch?v=upzI8ZxORYI>

Using my table from question 7, above, I will show the ratings I gave the site on the duplicated table, below, for each attribute (any clarifying comments are on the right):

Can you easily locate and view announcements?	No	Course was recorded in 2003
Can you navigate the site easily?	Yes	
Is the style of the site pleasing and consistent?	Yes	
Can you easily get back to the start of each page?	Yes	
Can you find what you want without trouble?	Yes	
Is the downloading of files quick?	Yes	
Is HELP readily available, and actually helpful?	Yes	Both FAQs, and online HELP
Do videos play quickly, without pauses, throughout?	Yes	Depends on your own bandwidth
Do videos have closed-captioning?	No	
Are visuals described in text, including videos?	No	Poorly where exists; not usually
Is the text easily readable (color, font, size, style)?	Yes	
Are there accommodations for most disabilities?	No	Maybe not use on archived class
Is there an audible feature to read text to you?	No	Assumes you have screen reader
Are course supplemental course materials available?	Yes	Lecture notes, assignments, etc.
Is there a provision for asking instructor questions?	No	Archived course, so email only
Is there a student forum available?	No	Archived course, so no need
Is there a way to submit trouble reports?	Yes	Through MITOpenCourseware
Are there any links that are broken (need repair)?	No	All work properly
Does this site pass the W3 HTML compliance check?	No	Has errors and warnings, below
Does this site pass the W3 CSS compliance check?	No	Has errors and warnings, below

It should be noted that this is an archived course from 2003, so there is no live teacher facilitating it. However, for this report, I will treat it as though it is active, and suggest changes to make it more usable in that context.

- Add Announcements section atop course banner, so it is easy to find;

- Add Closed-Captions to videos, for visual learners, and for the deaf/hard of hearing students
- While lecture notes are available, make their presence more prominent on the site
- The review video of MIT's Dr. Sadoway lecture should be linked from the home page
- Encapsulate the course syllabus, more like lecture notes, calendar and syllabus, for clarity
- Include a complete transcription of the lecture in a pdf document, along with a description of the visuals of the lecture video sequences, for the visually impaired
- Give a link to a list of screen-readers, so that students without them can easily get them
- Include a sub-page for SSD Accommodations available to students with disabilities
- Add a link to ASK the INSTRUCTOR, or message window to contact him with questions
- Add provisions for student collaboration, or perhaps a FORUM
- Repair and/or upgrade the HTML to W3 standards, so errors, below, will not be flagged
- Repair and/or upgrade the CSS to W3 standards, so errors, below, will not be flagged
- Also, run this URL through Vischeck, WebAIM, and Bobby, to be even more thorough.

Overall, I would give this site a grade of “D-“ if it were a live, online site, rather than a recorded site. But, because it is a recorded site, I would give it one grade higher, since expectations are lower, thus raising it to a “C-.” Although it is not the best, it is a very good remediation site for those who want to brush up on their chemical and physics theories of semiconductor manufacturing fundamentals.

End of #8, Bulleted Suggestions Report.

More on MITOpenCourseWare test results are below:

When testing with the W3 HTML checker, these were the errors and warnings that I received:



Check the markup (HTML, XHTML, ...) of Web documents

**Errors found while checking this document as HTML5!**



[Try now the W3C Validator Suite™](#) premium service that checks your entire website and evaluates its conformance with W3C open standards to quickly identify those portions of your website that need your attention.

## Notes and Potential Issues

The following notes and warnings highlight missing or conflicting information which caused the validator to perform some guesswork prior to validation, or other things affecting the output below. If the guess or fallback is incorrect, it could make validation results entirely incoherent. It is *highly recommended* to check these potential issues, and, if necessary, fix them and re-validate the document.



1. Using experimental feature: *HTML5 Conformance Checker*.

The validator checked your document with an experimental feature: *HTML5 Conformance Checker*. This feature has been made available for your convenience, but be aware that it may be unreliable, or not perfectly up to date with the latest development of some cutting-edge technologies. If you find any issues with this feature, please [report them](#). Thank you.

## Validation Output: 25 Errors



1. *Line 33, Column 34:* Bad value Search\_Display for attribute name on element meta: Keyword search\_display is not registered.

```
name= "Search_Display" />
```

Syntax of metadata name:

A metadata name listed in the [HTML specification](#) or listed in the [WHATWG wiki](#). You can register metadata names on the [WHATWG wiki](#) yourself.



2. *Line 63, Column 73:* Bad value metadata for attribute rel on element link: The string metadata is not a registered keyword.

```
<link href="/xml/ocwcc.rdf" type="application/rdf+xml" rel="metadata" />
```

Syntax of list of link-type keywords:

A whitespace-separated list of link types listed as allowed on `<link>` in the [HTML specification](#) or listed as an allowed on `<link>` on the [Microformats wiki](#) without duplicate keywords in the list. You can register link types on the [Microformats wiki](#) yourself.



3. *Line 161, Column 450:* Discarding superfluous token toolbar from value of attribute role. Browsers only process the first token found that is a defined ARIA non-abstract role.

```
...le="form toolbar" class="grid_6 omega"><div class="module"><table class="socia..."
```



4. *Line 311, Column 123:* Element input is missing required attribute alt.

```
...age" src="/images/button_search.png" name="btnG" class="sub_button"/>  
/></td>
```



- Line 328, Column 22:* Duplicate ID grid.  
<div id="grid">



5. *Line 156, Column 18:* The first occurrence of ID grid was here.

```
<div id="grid">
```



6. *Line 380, Column 53:* The language attribute on the script element is obsolete. You can safely omit it.

```
<script language="javascript" type="text/javascript">
```



7. *Line 504, Column 59:* The border attribute is obsolete. Consider specifying img { border: 0; } in CSS instead.

```
title="Silicon nanocrystal." />
```



8. *Line 552, Column 98:* Bad value for attribute src on element img: Must be non-empty.

```
...seThumb" class="first" alt="Course image thumbnail alt-text goes  
here." src="">
```

Syntax of URL:

Any URL. For example: /hello, #canvas, or http://example.org/. Characters should be represented in [NFC](#) and spaces should be escaped as %20.

9.  *Line 658, Column 334:* The allowtransparency attribute on the iframe element is obsolete. Use CSS instead.

```
...ering-and-computer-science%2F6-772-compound-semiconductor-devices-  
spring-2003">
```



10.  *Line 658, Column 334:* The frameborder attribute on the iframe element is obsolete. Use CSS instead.

```
...ering-and-computer-science%2F6-772-compound-semiconductor-devices-  
spring-2003">
```



11.  *Line 658, Column 334:* The scrolling attribute on the iframe element is obsolete. Use CSS instead.

```
...ering-and-computer-science%2F6-772-compound-semiconductor-devices-  
spring-2003">
```



12.  *Line 664, Column 29:* Element name g:plusone cannot be represented as XML 1.0.

```
<g:plusone size="medium"></g:plusone>
```



13.  *Line 664, Column 29:* Element g:plusone not allowed as child of element li in this context.  
(Suppressing further errors from this subtree.)

```
<g:plusone size="medium"></g:plusone>
```

Content model for element [li](#):

[Flow content](#).

14.  *Line 667, Column 91:* The text content of element script was not in the required format:  
Expected space, tab, newline, or slash but found I instead.

```
...src="//platform.linkedin.com/in.js" type="text/javascript">lang:  
en_US</script>
```

Syntax of script documentation:

Zero or more *code comments*, each of which is either a single-line comment starting with "://" or a multi-line comment starting with "/ \*" and ending with "\* /". The content must also meet the constraints of the [script](#) microsyntax. For further details, see [Inline documentation for external scripts](#).



15. *Line 672, Column 27:* Element name su:badge cannot be represented as XML 1.0.

```
<su:badge layout="1"></su:badge>
```



16. *Line 672, Column 27:* Element su:badge not allowed as child of element li in this context.  
(Suppressing further errors from this subtree.)

```
<su:badge layout="1"></su:badge>
```

Content model for element [li](#):

[Flow content.](#)



17. *Line 776, Column 224:* & did not start a character reference. (& probably should have been escaped as &amp;.;)

```
...courses/find-by-  
topic/#cat=engineering&subcat=materialsscienceandengineering&s...
```



18. *Line 776, Column 262:* & did not start a character reference. (& probably should have been escaped as &amp;.;)

```
...&subcat=materialsscienceandengineering&spec=electronicmaterials">Mater  
ials Sci...
```



19. *Line 776, Column 406:* & did not start a character reference. (& probably should have been escaped as &amp;.;)

```
...courses/find-by-
topic/#cat=engineering&subcat=electricalengineering&spec=elect...
```



20. *Line 776, Column 435:* & did not start a character reference. (& probably should have been escaped as &amp;;.)

```
...gineering&subcat=electricalengineering&spec=electronics">Electrical
Engineerin...
```



21. *Line 776, Column 547:* & did not start a character reference. (& probably should have been escaped as &amp;;.)

```
...f="/courses/find-by-
topic/#cat=science&subcat=physics&spec=condensedmatterphys...
```



22. *Line 776, Column 562:* & did not start a character reference. (& probably should have been escaped as &amp;;.)

```
..d-by-
topic/#cat=science&subcat=physics&spec=condensedmatterphysics">Physics
> ...
```



23. *Line 821, Column 57:* The language attribute on the script element is obsolete. You can safely omit it.

```
<script language="javascript" type="text/javascript">
```



24. *Line 852, Column 18:* Duplicate ID grid.

```
<div id="grid">
```





25. **!** *Line 156, Column 18:* The first occurrence of ID grid was here.

```
<div id="grid">
```



26. **X** *Line 855, Column 226:* Duplicate ID bottom.

```
...t-static-site-footer"><div id="bottom"><div id="grid"><!-- *begin footer* --> ...
```



27. **!** *Line 851, Column 19:* The first occurrence of ID bottom was here.

```
<div id="bottom">
```



28. **X** *Line 855, Column 241:* Duplicate ID grid.

```
...ooter"><div id="bottom"><div id="grid"><!-- *begin footer* --> <div id="footer..."
```



29. **!** *Line 156, Column 18:* The first occurrence of ID grid was here.

```
<div id="grid">
```



30. **X** *Line 855, Column 308:* Discarding unrecognized token sitemap from value of attribute role. Browsers ignore any token that is not a defined ARIA non-abstract role.

```
... id="footer" role="navigation sitemap"><div id="foot-c1" class="grid_2 alpha">...
```





31. *Line 34, Column 60:* The itemprop attribute was specified, but the element is not a property of any item.

```
<meta content="Electronic Materials" itemprop="about" />
```



32. *Line 35, Column 51:* The itemprop attribute was specified, but the element is not a property of any item.

```
<meta content="Electronics" itemprop="about" />
```



33. *Line 37, Column 29:* The itemprop attribute was specified, but the element is not a property of any item.

```
        itemprop="about" />
```



Of course, all of these HTML5 syntax errors should be updated to comply with more modern standards of W3C. With this list, it just takes time to implement those changes. And, of course I do not have access to the coding within MITOpenCourseWare. So, all I can do is to describe these needed changes and submit a detailed trouble report to them for consideration, and to hope that they have the time and budget, and priority to perform them.



When testing with the W3 CSS checker, below are the 50 errors that were generated:

## W3C CSS Validator results for <http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-772-compound-semiconductor-devices-spring-2003/> (CSS level 3)

**Sorry! We found the following errors (50)**

**URI : <http://ocw.mit.edu/styles/grid.css>**

359 .clearfix, #grid Property zoom doesn't exist : 1

**URI : <http://ocw.mit.edu/styles/base.css>**

269 table.search

Value Error : margin

Unknown dimension

11px\9

279

Feature -webkit-min-device-pixel-ratio  
doesn't exist for media  
screen ) { table.search {  
margin: 6px 0 0 11px; } }

296 table.social td.black, table.search td.black

Property cellpadding  
doesn't exist : 0

297 table.social td.black, table.search td.black

Property cellspacing  
doesn't exist : 0

372 #mega

Value Error : height  
Unknown dimension  
45px\9

377 #search

Value Error : height  
Unknown dimension  
45px\9

392

Feature -webkit-min-device-pixel-ratio  
doesn't exist for media  
screen ) { #mega {  
height: 45px; } #search {  
height: 45px; } }

619 .courseList

Property cellpadding  
doesn't exist : 0

620 .courseList

Property cellspacing  
doesn't exist : 0

1015 .messaging a:hover	Parse Error [,]
1029 div#google_ads_div_HOME_SLOT_A span	Value Error : padding-top -5px negative values are not allowed : -5px
div#google_ads_div_TERMS_SLOT_A span, div#google_ads_div_DHP_SLOT_A span, div#google_ads_div_RSRC_SLOT_A span, div#google_ads_div_DONATE_SLOT_A span, div#google_ads_div_ABOUT_SLOT_A span,	
1078 div#google_ads_div_COURSE_SLOT_A span, div#google_ads_div_HELP_SLOT_A span, div#google_ads_div_CHP_SLOT_A span, div#google_ads_div_CHP_SLOT_A_DL span, div#google_ads_div_RHP_SLOT_A span, div#google_ads_div_RHP_SLOT_A_DL span	Value Error : padding-top -13px negative values are not allowed : -13px

### URI : <http://ocw.mit.edu/styles/menu.css>

32 #menu li	Value Error : margin-top Unknown dimension 4px\9
33 #menu li	Value Error : padding-top Unknown dimension 10px\9
45 ul#menu li#menu_home, ul#menu li#menu_home:hover, ul#menu li#menu_home.selected	Value Error : padding Unknown dimension 19px\9
47 ul#menu li#menu_home, ul#menu li#menu_home:hover, ul#menu li#menu_home.selected	Value Error : margin-top Unknown dimension 4px\9
58 #menu li.selected	Value Error : padding-bottom Unknown dimension 9px\9
68 #menu li a	Value Error : margin-top Unknown dimension 1px\9
112	Feature -webkit-min-device-pixel-ratio doesn't exist for media screen ) { #menu li { float:left; display:block; text-align:center; position:relative; padding: 9px 14px 9px 19px; margin-top: -4px; border-right: 1px solid #000; } ul#menu li#menu_home, ul#menu

```
li#menu_home:hover, ul#menu li#menu_home.selected{  
float:left; display:block; text-align:center; position:relative;  
padding: 9px 14px 5px 19px; margin-top: -4px; border-right: 1px  
solid #000; } #menu li:hover, #menu li.selected { padding-top: 9px;  
background: #b30838; z-layer: 100; } #menu li a { font-family:Arial,  
Helvetica, sans-serif; color: #fff; display:block; outline:0; text-  
decoration:none; } }
```

158

```
Feature -webkit-min-device-pixel-ratio doesn't exist for media  
screen ) { #menu li { float:left; display:block; text-align:center;  
position:relative; padding: 8px 14px 9px 19px; margin-top: -5px;  
border-right: 1px solid #000; } ul#menu li#menu_home, ul#menu  
li#menu_home:hover, ul#menu li#menu_home.selected{  
float:left; display:block; text-align:center; position:relative;  
padding: 8px 14px 5px 19px; margin-top: -5px; border-right: 1px  
solid #000; } #menu li:hover { padding-top: 8px; background:  
#b30838; } #menu li.selected { padding-top: 8px; padding-bottom:  
5px; background: #b30838; } #menu li a { font-family:Arial,  
Helvetica, sans-serif; color: #fff; display:block; outline:0; text-  
decoration:none; } }
```

187

```
Feature -webkit-min-device-pixel-ratio doesn't exist for media  
screen ) { #menu li { float:left; display:block; text-align:center;  
position:relative; padding: 9px 14px 11px 19px; margin-top: -5px;  
border-right: 1px solid #000; } #menu li.selected { padding-top:  
9px; padding-bottom: 8px; background: #b30838; } #menu li:hover  
{ padding-top: 9px; padding-bottom: 8px; background: #b30838; } }
```

#menu li:hover

232 .dropdown\_1column-a, #menu li: hover .dropdown\_5columns-a      Property z-layer doesn't exist : -600

338 #menu ul.nav-bullet li:before      Value Error : top Unknown dimension 1px\9

343 #menu li ul li, #menu li ul li:hover      Value Error : padding none is not a padding value : none

**URI : <http://ocw.mit.edu/styles/jquery.bubblepopup.css>**

30 .jquerybubblepopup- attempt to find a semi-colon before the property name. add it

ie

30 .jquerybubblepopup- Property progid doesn't exist : DXImageTransform  
ie

30 .jquerybubblepopup- Parse Error DXImageTransform.Microsoft.Shadow(color="#666666",  
ie Direction=135, Strength=3);

30 .jquerybubblepopup- Parse Error ;}  
ie

**URI : <http://ocw.mit.edu/styles/courses.css>**

106 .mainContentTopArea Value Error : margin none is not a margin value : none

107 .mainContentTopArea Value Error : padding none is not a padding value : none

**URI : [http://ocw.mit.edu/styles/courses\\_new.css](http://ocw.mit.edu/styles/courses_new.css)**

81 ul.finder3 Value Error : padding-right -16px negative values are not allowed : -16px

82 ul.finder3 Value Error : padding-left -16px negative values are not allowed : -16px

98 ul.finder li a, ul.finder2 li a, ul.finder3 li a Value Error : background-color none is not a background-color value : none

370 .coursePreviewBottom .info Value Error : padding only 0 can be a length. You must put a unit after your number : 1 13px

595 Feature -webkit-min-device-pixel-ratio doesn't exist for media screen ) { #course\_nav ul li a, #course\_nav ul li a:visited, #course\_nav ul li.selected a, #course\_nav ul li.selected a:visited { width: 135px; display: block; padding: 0; } #course\_nav ul li a img { width: 10px; } }

689 #course\_info p.cite Value Error : text-align center\000009 is not a text-align value : center\000009

708 #course\_info p.citeResource Value Error : text-align center\000009 is not a text-align value : center\000009

772 ul#tabs Value Error : margin Unknown dimension 0\9

786 Feature -webkit-min-device-pixel-ratio doesn't exist for media screen ) { ul#tabs { margin: 19px 0 -1px 0; } }

797 ul#tabs li Value Error : margin-bottom Unknown dimension 4px\9

811 Feature -webkit-min-device-pixel-ratio doesn't exist for media screen ) { ul#tabs li { margin-bottom: 3px; } }

817 ul#tabs li a Value Error : padding Unknown dimension 15px\9

830 ul#tabs li a Property behavior doesn't exist :  
url("http://ocw5.mit.edu/styles/pie/PIE.php")

840 Feature -webkit-min-device-pixel-ratio doesn't exist for media screen ) { ul#tabs li a { padding 6px 15px 4px 15px; } }

853 ul#tabs li a.selected Property behavior doesn't exist :  
url("http://ocw5.mit.edu/styles/pie/PIE.php")

1207 .edu\_breakdown th, .edu\_breakdown td Value Error : vertical-align null is not a vertical-align value : center

.anythingSlider, .anythingSlider  
.anythingWindow,  
.anythingSlider  
1598 .anythingControls ul a, 0 is not a transition-duration value : 0  
.anythingSlider .arrow a,  
.anythingSlider .start-stop

**URI :** <http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-772-compound-semiconductor-devices-spring-2003/>

855 Value Error : width only 0 can be a length. You must put a unit after your number : 195

855 Value Error : height only 0 can be a length. You must put a unit after your number : 44

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## Warnings (38)

### URI : <http://ocw.mit.edu/styles/menu.css>

- 213 Property -moz-border-radius is an unknown vendor extension
- 214 Property -webkit-border-radius is an unknown vendor extension
- 218 Property -webkit-box-shadow is an unknown vendor extension
- 287 Property -moz-border-radius is an unknown vendor extension
- 288 Property -webkit-border-radius is an unknown vendor extension

### URI : [http://ocw.mit.edu/styles/courses\\_new.css](http://ocw.mit.edu/styles/courses_new.css)

- 15 Property \_position is an unknown vendor extension
- 24 Property -moz-box-shadow is an unknown vendor extension
- 25 Property -webkit-box-shadow is an unknown vendor extension
- 322 Property -webkit-border-radius is an unknown vendor extension
- 324 Property -webkit-box-shadow is an unknown vendor extension
- 342 Property -webkit-border-radius is an unknown vendor extension
- 344 Property -webkit-box-shadow is an unknown vendor extension

- 823           Property -webkit-gradient(linear,left top,left bottom,from(#ffffff),to(#f3efeb)) is an unknown vendor extension
- 824           Property -webkit-linear-gradient(top,#ffffff,#f3efeb) is an unknown vendor extension
- 825           Property -moz-linear-gradient(top,#ffffff,#f3efeb) is an unknown vendor extension
- 826           Property -ms-linear-gradient(#FFFFFF,#F3EFEB) is an unknown vendor extension
- 827           Property -o-linear-gradient(top,#ffffff,#f3efeb) is an unknown vendor extension
- 829           Property -pie-background is an unknown vendor extension
- 850 ul#tabs li  
a.selected     Same color for background-color and border-bottom-color
- 852           Property -pie-background is an unknown vendor extension
- 1349           Property -moz-border-radius is an unknown vendor extension
- 1350           Property -webkit-border-radius is an unknown vendor extension
- 1599           Property -o-transition-duration is an unknown vendor extension
- 1600           Property -moz-transition-duration is an unknown vendor extension
- 1601           Property -webkit-transition-duration is an unknown vendor extension

**URI : <http://ocw.mit.edu/styles/base.css>**

- 242 Property -webkit-border-radius is an unknown vendor extension
- 244 Property -moz-background-clip is an unknown vendor extension
- 245 Property -webkit-background-clip is an unknown vendor extension
- 247 Property -webkit-box-shadow is an unknown vendor extension
- 752 Property \_margin is an unknown vendor extension

**URI : <http://ocw.mit.edu/styles/courses.css>**

196 Property \_margin-bottom is an unknown vendor extension  
822 Property \_margin-bottom is an unknown vendor extension  
855 Property \_padding-top is an unknown vendor extension  
944 Property \_margin is an unknown vendor extension  
947 Property \_height is an unknown vendor extension  
949 Property \_width is an unknown vendor extension

Family names containing whitespace should be quoted. If quoting is omitted, any whitespace  
1058 characters before and after the name are ignored and any sequence of whitespace characters  
inside the name is converted to a single space.

Family names containing whitespace should be quoted. If quoting is omitted, any whitespace  
1058 characters before and after the name are ignored and any sequence of whitespace characters  
inside the name is converted to a single space.

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## Valid CSS information

```
@charset "utf-8";  
  
body {  
    min-width : 960px;  
}  
  
#grid {  
    margin-left : auto;  
    margin-right : auto;  
    width : 960px;  
}  
  
.grid_1, .grid_2, .grid_3, .grid_4, .grid_5, .grid_6, .grid_7, .grid_8, .grid_9, .grid_10, .grid_11, .grid_12 {
```

```
display : inline;  
float : left;  
margin-left : 10px;  
margin-right : 10px;  
margin-bottom : 0;  
}  
  
.push_1, .pull_1, .push_2, .pull_2, .push_3, .pull_3, .push_4, .pull_4, .push_5, .pull_5, .push_6, .pull_6,  
.push_7, .pull_7, .push_8, .pull_8, .push_9, .pull_9, .push_10, .pull_10, .push_11, .pull_11 {  
position : relative;  
}  
  
.alpha {  
margin-left : 0;  
}  
  
.omega {  
margin-right : 0;  
}  
  
#grid .grid_1 {  
width : 60px;  
}  
  
#grid .grid_2 {  

```

```
width : 300px;
```

```
}
```

```
#grid .grid_5 {
```

```
width : 380px;
```

```
}
```

```
#grid .grid_6 {
```

```
width : 460px;
```

```
}
```

```
#grid .grid_7 {
```

```
width : 540px;
```

```
}
```

```
#grid .grid_8 {
```

```
width : 620px;
```

```
}
```

```
#grid .grid_9 {
```

```
width : 700px;
```

```
}
```

```
#grid .grid_10 {
```

```
width : 780px;
```

```
}
```

```
#grid .grid_11 {
```

```
width : 860px;
```

```
}
```

```
#grid .grid_12 {
```

```
width : 940px;
```

```
}

#grid .prefix_1 {
padding-left : 80px;
}

#grid .prefix_2 {
padding-left : 160px;
}

#grid .prefix_3 {
padding-left : 240px;
}

#grid .prefix_4 {
padding-left : 320px;
}

#grid .prefix_5 {
padding-left : 400px;
}

#grid .prefix_6 {
padding-left : 480px;
}

#grid .prefix_7 {
padding-left : 560px;
}

#grid .prefix_8 {
padding-left : 640px;
}
```

```
#grid .prefix_9 {  
padding-left : 720px;  
}  
  
#grid .prefix_10 {  
padding-left : 800px;  
}  
  
#grid .prefix_11 {  
padding-left : 880px;  
}  
  
#grid .suffix_1 {  
padding-right : 80px;  
}  
  
#grid .suffix_2 {  
padding-right : 160px;  
}  
  
#grid .suffix_3 {  
padding-right : 240px;  
}  
  
#grid .suffix_4 {  
padding-right : 320px;  
}  
  
#grid .suffix_5 {  
padding-right : 400px;  
}  
  
#grid .suffix_6 {
```

```
padding-right : 480px;  
}  
  
#grid .suffix_7 {  
padding-right : 560px;  
}  
  
#grid .suffix_8 {  
padding-right : 640px;  
}  
  
#grid .suffix_9 {  
padding-right : 720px;  
}  
  
#grid .suffix_10 {  
padding-right : 800px;  
}  
  
#grid .suffix_11 {  
padding-right : 880px;  
}  
  
#grid .push_1 {  
left : 80px;  
}  
  
#grid .push_2 {  
left : 160px;  
}  
  
#grid .push_3 {  
left : 240px;
```

```
}

#grid .push_4 {
    left : 320px;
}

#grid .push_5 {
    left : 400px;
}

#grid .push_6 {
    left : 480px;
}

#grid .push_7 {
    left : 560px;
}

#grid .push_8 {
    left : 640px;
}

#grid .push_9 {
    left : 720px;
}

#grid .push_10 {
    left : 800px;
}

#grid .push_11 {
    left : 880px;
}
```

```
#grid .pull_1 {  
    left : -80px;  
}  
  
#grid .pull_2 {  
    left : -160px;  
}  
  
#grid .pull_3 {  
    left : -240px;  
}  
  
#grid .pull_4 {  
    left : -320px;  
}  
  
#grid .pull_5 {  
    left : -400px;  
}  
  
#grid .pull_6 {  
    left : -480px;  
}  
  
#grid .pull_7 {  
    left : -560px;  
}  
  
#grid .pull_8 {  
    left : -640px;  
}  
  
#grid .pull_9 {
```

```
left : -720px;  
}  
  
#grid .pull_10 {  
left : -800px;  
}  
  
#grid .pull_11 {  
left : -880px;  
}  
  
.clear {  
clear : both;  
display : block;  
overflow : hidden;  
visibility : hidden;  
width : 0;  
height : 0;  
margin : 0;  
padding : 0;  
}  
  
.clearfix:before, .clearfix:after, #grid:before, #grid:after {  
content : '.';  
display : block;  
overflow : hidden;  
visibility : hidden;  
font-size : 0;  
line-height : 0;
```

```
width : 0;  
height : 0;  
}  
  
.clearfix:after, #grid:after {  
clear : both;  
}  
  
* {  
margin : 0;  
padding : 0;  
border : 0;  
}  
  
html {  
font-size : 62.5%;  
font-family : arial, helvetica, sans-serif;  
}  
  
body {  
min-height : 100%;  
min-width : 960px;  
margin : 0 auto;  
font-size : 1.2em;  
}  
  
@font-face {  
{  
font-family : TitilliumText22LLight;  
src : url(..../webfonts/TitilliumText22L002-webfont.eot);
```

```
src : url(..../webfonts/TitilliumText22L002-webfont.eot?#iefix) format("embedded-opentype"),
url(..../webfonts/TitilliumText22L002-webfont.woff) format("woff"), url(..../webfonts/TitilliumText22L002-
webfont.ttf) format("truetype"), url(..../webfonts/TitilliumText22L002-webfont.svg#TitilliumText22LLight)
format("svg");

font-weight : normal;

font-style : normal;

}

}

@font-face {

font-family : TitilliumText22LRegular;

src : url(..../webfonts/TitilliumText22L003-webfont.eot);

src : url(..../webfonts/TitilliumText22L003-webfont.eot?#iefix) format("embedded-opentype"),
url(..../webfonts/TitilliumText22L003-webfont.woff) format("woff"), url(..../webfonts/TitilliumText22L003-
webfont.ttf) format("truetype"), url(..../webfonts/TitilliumText22L003-
webfont.svg#TitilliumText22LRegular) format("svg");

font-weight : normal;

font-style : normal;

}

}

@font-face {

font-family : TitilliumText22LBold;

src : url(..../webfonts/TitilliumText22L005-webfont.eot);

src : url(..../webfonts/TitilliumText22L005-webfont.eot?#iefix) format("embedded-opentype"),
url(..../webfonts/TitilliumText22L005-webfont.woff) format("woff"), url(..../webfonts/TitilliumText22L005-
webfont.ttf) format("truetype"), url(..../webfonts/TitilliumText22L005-webfont.svg#TitilliumText22LBold)
format("svg");

font-weight : normal;
```

```
font-style : normal;  
}  
}  
.clear {  
clear : both;  
height : 0;  
line-height : 0;  
}  
  
a img {  
border : 0;  
}  
  
p {  
margin-bottom : 10px;  
color : #333;  
}  
  
p.zero {  
margin-bottom : 0;  
}  
  
a, a:visited {  
color : #b30838;  
text-decoration : none;  
}  
  
a:active, a:hover {  
color : #ff9000;  
text-decoration : underline;
```

```
}

#global_inner a, #course_inner_section a, #course_inner_media_gallery p a, #global_inner li a,
#course_inner_section li a, #global_inner li a, #course_inner_section li a, #download_inner_main a,
.caption a, #course_info a, #course_wrapper ul.bullet p a, #course_tabs a, #course_tabs li a,
#media_tabs a, #media_tabs li a {

text-decoration : underline;

}

#global_inner table.courseList a {

text-decoration : none;

}

#global_inner ul, #course_inner_section ul {

margin-bottom : 1em;

}

#course_inner_section li ul, #course_inner_section li ol {

margin-bottom : 10px;

}

ul.chevron {

margin-top : 3px;

margin-left : 8px;

}

ul.chevron li {

font-size : 1em;

margin-left : 2px;

margin-bottom : 0;

line-height : 1.2em;

list-style-type : none;

text-indent : -0.9em;
```

```
}

ul.chevron li:before {

content : '»';

display : inline;

color : #b30838;

margin-right : 4px;

margin-left : 30px;

top : -2px;

position : relative;

}

ul.chevron li a, ul.chevron li a:visited {

text-decoration : none;

color : #b30838;

}

ul.chevron li a:active, ul.chevron li a:hover {

text-decoration : underline;

color : #b30838;

}

#top {

width : 100%;

background-image : url(..../images/bg_top.png);

background-repeat : repeat-x;

background-position : top left;

}

#center_home {
```

```
background-image : url(..../images/bg_center.png);  
background-repeat : repeat-y;  
background-position : top center;  
}  
  
#center_chp, #center_media {  
background-image : url(..../images/bg_center2.png);  
background-repeat : repeat-y;  
background-position : top center;  
}  
  
#center_global {  
background-image : url(..../images/bg_center3.png);  
background-repeat : repeat-y;  
background-position : top center;  
}  
  
#bottom {  
background-image : url(..../images/bg_bottom.png);  
background-repeat : repeat-x;  
background-position : top left;  
}  
  
.logo {  
margin : 25px 0;  
}  
  
#banner {  
min-height : 98px;  
}
```

```
#subscribe {  
height : 98px;  
min-width : 472px;  
}  
  
#subscribe .module {  
height : 39px;  
width : 430px;  
float : right;  
border-top : 3px solid #000;  
background-color : #332F2D;  
background-image : url(..../images/bg_social2.png);  
background-repeat : repeat;  
background-position : top left;  
border-radius : 0 0 14px 14px;  
background-clip : padding-box;  
box-shadow : 2px 2px 0 0 #000;  
}  
  
table.social, table.search {  
padding : 0;  
color : #fff;  
font-size : 0.9em;  
font-family : Arial, Helvetica, sans-serif;  
border-collapse : collapse;  
}  
  
table.social {
```

```
height : 39px;  
margin : 0;  
}  
  
table.search {  
float : right;  
height : 30px;  
margin : 5px 0 0 11px;  
margin : 6px 0 0;  
}  
  
table.social td.text {  
padding-right : 5px;  
}  
  
table.search td.text2 {  
text-align : right;  
padding-left : 6px;  
}  
  
table.social td.black, table.search td.black {  
background-color : #000;  
margin : 0;  
padding : 0;  
}  
  
table.social td.socialbutton {  
background-image : url(..../images/news-subscibe_bg.png);  
background-repeat : no-repeat;  
background-position : left;
```

```
width : 247px;  
}  
  
table.social td.socialbutton a {  
font-family : TitilliumText22LBold, Verdana;  
font-size : 1.2em;  
color : #fff;  
}  
  
table.social td.socialbutton img {  
height : 20px;  
width : 30px;  
vertical-align : middle;  
margin : 0 10px 0 8px;  
}  
  
.greytext {  
color : #fff;  
background-color : #000;  
margin-left : 5px;  
font-family : Arial, Helvetica, sans-serif;  
font-size : 1.1em;  
}  
  
.emailField {  
width : 161px;  
}  
  
.searchField {  
width : 155px;
```

```
}

.sub_button, .but {
margin-left : -2px;
margin-right : 2px;
display : block;
}

p.helplinks {
float : right;
margin : 6px 12px 0 0;
color : #fff;
font-size : 1.0em;
}

p.helplinks a, p.helplinks a:visited, table.search a, table.search a:visited {
color : #fff;
text-decoration : underline;
}

p.helplinks a:active, p.helplinks a:hover, table.search a:active, table.search a:hover {
text-decoration : underline;
}

select.transLang {
width : 185px;
margin-top : 6px;
border : #333 solid 1px;
}

#mega {
```

```
height : 44px;  
}  
  
#search {  
  
height : 44px;  
  
min-width : 315px;  
}  
  
#footer #foot-c1, #footer #foot-c2, #footer #foot-c3, #footer #foot-c4, #footer #foot-c5 {  
  
min-height : 255px;  
  
margin-top : 35px;  
}  
  
#foot-c5 p.accent {  
  
color : #999;  
  
font-size : 1.0em;  
  
width : 300px;  
  
margin-top : 10px;  
  
line-height : 2.0em;  
}  
  
ul.foot-bullet {  
  
margin-top : 3px;  
  
margin-left : 8px;  
}  
  
ul.foot-bullet li {  
  
font-size : 0.9em;  
  
margin-left : 2px;  
  
margin-bottom : 0;
```

```
line-height : 1.6em;  
list-style-type : none;  
text-indent : -0.9em;  
}  
  
ul.foot-bullet li:before {  
content : '»';  
display : inline;  
color : #b30838;  
margin-right : 4px;  
top : -2px;  
position : relative;  
}  
  
ul.foot-bullet li a, ul.foot-bullet li a:visited {  
text-decoration : none;  
color : #b30838;  
}  
  
ul.foot-bullet li a:active, ul.foot-bullet li a:hover {  
text-decoration : underline;  
color : #b30838;  
}  
  
#footer #foot-copy, #footer #foot-support {  
min-height : 140px;  
}  
  
#footer #foot-c5, #footer #foot-support {  
margin-left : 2px;
```

```
border-left : thin solid #d5c9ba;  
padding-left : 20px;  
}  
  
h2.global {  
font-family : TitilliumText22LBold, Verdana;  
color : #b30838;  
text-transform : uppercase;  
font-size : 1.4em;  
font-weight : 200;  
letter-spacing : 0.5px;  
}  
  
h2.subhead {  
font-size : 1.2em;  
font-family : arial, helvetica, sans-serif;  
color : #000;  
font-weight : bold;  
margin-bottom : 5px;  
}  
  
h3.subsubhead {  
font-size : 1.1em;  
font-weight : normal;  
font-family : arial, helvetica, sans-serif;  
color : #000;  
font-style : italic;  
margin-bottom : 5px;
```

```
}

h4.footer, h4.dept_link {
    font-family : TitilliumText22LBold, Verdana;
    color : #363636;
    text-transform : uppercase;
    font-size : 1.1em;
    font-weight : 200;
    letter-spacing : 0.5px;
}

p.callout {
    color : #b30838;
    font-size : 1.2em;
    font-weight : bold;
    line-height : 1.5em;
}

.pullquote {
    float : left;
    width : 132px;
    border-right : 1px solid #d5c9ba;
    padding-right : 12px;
    padding-bottom : 12px;
    margin : 3px 12px 10px 0;
    line-height : 1.6em;
}

.pullquote p {
```

```
font-size : 1.2em;  
color : #aaa;  
margin : 0;  
}  
  
.pullquote p.quote {  
text-indent : 2.2em;  
padding-top : 4px;  
background-image : url(..../images/quote_open.png);  
background-repeat : no-repeat;  
background-position : top left;  
}  
  
.pullquote p.sig {  
font-family : TitilliumText22LRegular, Verdana;  
font-weight : 500;  
font-size : 1.0em;  
color : #777;  
text-align : right;  
text-transform : uppercase;  
padding-top : 30px;  
margin-top : -12px;  
margin-bottom : 0;  
background-image : url(..../images/quote_close.png);  
background-repeat : no-repeat;  
background-position : top right;  
}
```

```
.pullquote p.stat {  
    font-size : 5em;  
    letter-spacing : 1px;  
    color : #b30838;  
    font-family : TitilliumText22LBold, Verdana;  
    font-weight : normal;  
    margin : 0 0 -15px 0;  
}  
  
.pullquote p.sig2 {  
    font-family : TitilliumText22LRegular, Verdana;  
    font-weight : 500;  
    font-size : 1.0em;  
    color : #777;  
    text-align : right;  
    text-transform : uppercase;  
    margin-bottom : 0;  
    background-repeat : no-repeat;  
    background-position : top right;  
}  
  
p.red, p.red a, p.red a:visited {  
    color : #b30838;  
    font-size : 1.0em;  
    text-decoration : none;  
}  
  
p.red a:active, p.red a:hover {
```

```
color : #ff9000;  
text-decoration : underline;  
}  
  
p.red span.bullet {  
font-size : 1.2em;  
}  
  
p.shift1 {  
position : relative;  
top : -19px;  
left : 506px;  
width : 150px;  
margin-bottom : 0;  
}  
  
#foot-copy {  
border-top : thin solid #d5c9ba;  
padding-top : 15px;  
width : 550px;  
}  
  
#foot-copy a img {  
margin-right : 34px;  
margin-bottom : -10px;  
}  
  
p.copyright {  
color : #7b706b;  
font-size : 0.9em;
```

```
}

h3.deptTitle {
    font-size : 1.2em;
    margin-top : 25px;
    border-bottom : 1px solid #E4E5E0;
    min-width : 50px;
}

.courseList {
    background-color : #fff;
    margin : 0 0 15px 0;
    padding : 0 30px 0 0;
    border : none;
    border-collapse : collapse;
    width : 690px;
    max-width : 690px;
}

.courseList th {
    background-color : #fff;
    font-size : 1.1em;
    padding : 6px;
    text-align : left;
    padding-left : 7px;
}

th.MCNcol {
    min-width : 80px;
```

```
width : 80px;  
}  
  
th.CTcol {  
  
min-width : 480px;  
  
width : 480px;  
}  
  
th.CTcol2 {  
  
min-width : 430px;  
  
max-width : 520px;  
}  
  
th.LVcol {  
  
min-width : 120px;  
  
width : 120px;  
}  
  
p.top {  
  
margin-top : -11px;  
  
margin-left : 6px;  
  
font-size : 0.9em;  
}  
  
img.top {  
  
border : #000 solid 1px;  
  
margin-bottom : -1px;  
}  
  
td.topLink {  
  
border-bottom : 1px solid #E4E5E0;
```

```
}

.courseList td {
    padding : 5px 8px;
}

.courseList tr.odd {
    background-color : #f3f0eb;
}

.courseList tr.even {
    background-color : #fff;
}

.courseList tr.preview {
    background-color : #ffcc66;
}

.courseList td a, .courseList td a:visited {
    color : #b30838;
}

.courseList td a:hover, .courseList td a:active {
    color : #ff9000;
}

.mO {
    color : #000;
    font-weight : normal;
    padding-left : 0;
    background : url(..../images/bg_plus.gif) 0 5px no-repeat transparent;
    margin : 5px 0;
}
```

```
}

.mC {
color : #000;
font-weight : normal;
padding-left : 0;
background : url(..../images/bg_minus.gif) 0 5px no-repeat transparent;
margin : 5px 0;
}

.tlp_links a {
font-size : 0.74em;
position : relative;
right : -11px;
padding : 2px 0;
color : #000;
text-decoration : none;
margin-bottom : -2px;
}

.tlp_links .expandCollapseTrans, .nav_links .expandCollapseTrans {
position : absolute;
left : -12px;
top : 3px;
}

.tlp_links ul {
display : none;
margin-bottom : 5px;
```

```
list-style : none;  
padding : 0;  
}  
  
.tlp_links li {  
color : #000;  
font-size : 0.7em;  
font-weight : normal;  
padding-left : 10px;  
margin-left : 6px;  
}  
  
#course_nav .tlp_links ul li a:link, #course_nav .tlp_links ul li a:visited {  
display : block;  
color : #666666;  
text-decoration : none;  
width : 130px;  

```

```
.tlp_links ul.selected {  
    position : static;  
    left : 0;  
    display : block;  
    background : transparent;  
}  
  
.btn_close {  
    position : relative;  
    left : 440px;  
    top : 30px;  
}  
  
.citeHome {  
    background-color : #E5E0DB;  
    height : auto;  
    margin : 0;  
    padding : 0;  
    text-align : left;  
}  
  
.citeHome .citelInner {  
    background-color : #E5E0DB;  
    float : left;  
    margin : 10px;  
    width : 510px;  
}  
  
.citeHome .citelInner p {
```

```
float : left;  
  
margin : 10px;  
  
padding : 10px;  
  
background-color : #fff;  
  
}  
  
.maintabletemplate {  
  
margin-bottom : 10px;  
  
}  
  
.maintabletemplate table {  
  
border-collapse : collapse;  
  
border-spacing : 0;  
  
border : #999 solid 1px;  
  
empty-cells : show;  
  
width : 100%;  
  
margin-top : 11px;  
  
font-size : 0.92em;  
  
}  
  
table.tablewidth1, table.tablewidth100, .maintabletemplate table.tablewidth1, .maintabletemplate  
table.tablewidth100 {  
  
width : 100%;  
  
}  
  
table.tablewidth2, table.tablewidth75, .maintabletemplate table.tablewidth2, .maintabletemplate  
table.tablewidth75 {  
  
width : 75%;  
  
}  
  
table.tablewidth3, table.tablewidth50, .maintabletemplate table.tablewidth3, .maintabletemplate  
table.tablewidth50 {
```

```
width : 50%;  
}  
  
table.tablewidth4, table.tablewidth25, .maintabletemplate table.tablewidth4, .maintabletemplate  
table.tablewidth25 {  
  
width : 25%;  
}  
  
.maintabletemplate th {  
  
border : #49423F solid 1px;  
  
font-size : 1em;  
  
font-family : verdana, arial, helvetica, sans-serif;  
  
font-weight : bold;  
  
background-color : #7F6E6A;  
  
color : #fff;  
  
text-transform : uppercase;  
  
padding : 8px;  
  
text-align : left;  
}  
  
.maintabletemplate table tr td, .maintabletemplate table tr.row td, .maintabletemplate table tr.alt-row  
td, .maintabletemplate table tr.gray-row td, .maintabletemplate table tr.white-row td {  
  
border : #49423F solid 1px;  
  
padding : 8px;  
  
font-family : verdana, arial, helvetica, sans-serif;  
  
color : #333333;  
}  
  
.maintabletemplate table tr td.alt-row, .maintabletemplate table tr td.white-row {  
  
background-color : #fff;
```

```
}

.maintabletemplate table tr.row td, .maintabletemplate table tr.gray-row td {
background-color : #E5E0DB;
}

.maintabletemplate, .maintabletemplate p {
margin-top : 0.5em;
margin-bottom : 1em;
}

.maintabletemplate ul li, .maintabletemplate ol li {
margin : 0 5px 0 15px;
padding : 0;
}

.maintabletemplate ul.nobullet {
list-style-type : none;
}

ul, ol {
margin : 10px 0 10px 25px;
}

li {
font-size : 1em;
margin-bottom : 4px;
color : #333;
}

ul ul, ol ol, ul ol, ol ul {
margin-left : 25px;
```

```
}

.module {
margin : 0 0 17px;
overflow : hidden;
width : 180px;
}

.champ_ext {
border : #b41f24 solid 2px;
width : 175px;
clear : both;
margin-bottom : 0;
}

.champ_int {
border : #fff solid 1px;
background-color : #4a4c45;
font-family : Verdana;
color : #fff;
padding : 4px;
}

.champ_int p.cp1 {
font-weight : bold;
color : #fff;
padding-top : 5px;
padding-bottom : 17px;
margin-left : 14px;
```

```
}

.champ_int p.cp3 {
    font-size : 0.8em;
    margin-bottom : 0;
    padding-top : 5px;
    padding-bottom : 10px;
    margin-left : 14px;
}

div#right .module .champ_int a:link, div#right .module .champ_int a:visited, div#right .module .champ_int a:hover {
    color : #fff !important ;
    text-decoration : underline;
}

.champ_int p.cp2, .champ_int p.cp2 a:link, .champ_int p.cp2 a:visited, .champ_int p.cp2 a:hover {
    font-weight : bold;
    padding-bottom : 14px;
    margin-left : 8px;
    color : #FFF !important ;
}

.champ_int p.cp3, .champ_int p.cp3 a:link, .champ_int p.cp3 a:visited, .champ_int p.cp3 a:hover {
    font-weight : normal;
    padding-bottom : 14px;
    margin-left : 8px;
    color : #FFF !important ;
}

div#google_ads {
```

```
clear : both;  
}  
  
.messaging, .messaging a, .messaging a:hover, .messaging a:visited {  
color : #333;  
padding-top : 8px;  
padding-bottom : 4px;  
text-align : center;  
text-transform : uppercase;  
}  
  
.messaging {  
font-size : 0.78em;  
}  
  
.messaging a, .messaging a:hover, .messaging a:visited {  
font-size : 1em;  
}  
  
.messaging a:hover {  
text-decoration : underline;  
}  
  
div#google_ads_div_HOME_SLOT_A span {  
font-size : 0.6em;  
padding-left : 110px;  
width : 300px;  
color : #000;  
line-height : 2.5em;  
margin-top : -5px;
```

```
}

div#google_ads_div_HOME_SLOT_A .paddingContent {

font-size : 0.92em;

margin-left : 25px;

}

div#google_ads_div_HOME_SLOT_B .messaging a:link, div#google_ads_div_HOME_SLOT_B .messaging a:visited, div#google_ads_div_HOME_SLOT_B .messaging a:hover {

color : #666;

text-decoration : none;

}

div#google_ads_div_HOME_SLOT_B a img {

padding-left : 26px;

}

div#google_ads_div_TERMS_SLOT_A a img, div#google_ads_div_DHP_SLOT_A a img,
div#google_ads_div_RSRC_SLOT_A a img, div#google_ads_div_DONATE_SLOT_A a img,
div#google_ads_div_ABOUT_SLOT_A a img, div#google_ads_div_COURSE_SLOT_A a img,
div#google_ads_div_HELP_SLOT_A a img, div#google_ads_div_CHP_SLOT_A a img,
div#google_ads_div_CHP_SLOT_A_DL a img, div#google_ads_div_RHP_SLOT_A a img,
div#google_ads_div_RHP_SLOT_A_DL a img {

padding-bottom : 5px;

}

div#google_ads_div_TERMS_SLOT_A span, div#google_ads_div_DHP_SLOT_A span,
div#google_ads_div_RSRC_SLOT_A span, div#google_ads_div_DONATE_SLOT_A span,
div#google_ads_div_ABOUT_SLOT_A span, div#google_ads_div_COURSE_SLOT_A span,
div#google_ads_div_HELP_SLOT_A span, div#google_ads_div_CHP_SLOT_A span,
div#google_ads_div_CHP_SLOT_A_DL span, div#google_ads_div_RHP_SLOT_A span,
div#google_ads_div_RHP_SLOT_A_DL span {

font-size : 0.5em;

width : 180px;

color : #000;
```

```
margin-top : -13px;  
}  
  
div#google_ads_div_CHP_SLOT_A, div#google_ads_div_CHP_SLOT_A_DL,  
div#google_ads_div_RHP_SLOT_A, div#google_ads_div_RHP_SLOT_A_DL {  
  
padding-bottom : 6px;  
  
margin-bottom : 6px;  
}  
  
div#google_ads_div_RHP_SLOT_A {  
  
margin-top : 20px;  
}  
  
div#google_ads_div_TERMS_SLOT_A span a, div#google_ads_div_DHP_SLOT_A span a,  
div#google_ads_div_RSRC_SLOT_A span a, div#google_ads_div_DONATE_SLOT_A span a,  
div#google_ads_div_ABOUT_SLOT_A span a, div#google_ads_div_COURSE_SLOT_A span a,  
div#google_ads_div_HELP_SLOT_A span a, div#google_ads_div_CHP_SLOT_A span a,  
div#google_ads_div_CHP_SLOT_A_DL span a, div#google_ads_div_RHP_SLOT_A span a,  
div#google_ads_div_RHP_SLOT_A_DL span a {  
  
color : #680a12;  
  
text-decoration : underline;  
}  
  
div#google_ads_div_DHP_SLOT_C a img, div#google_ads_div_COURSE_SLOT_C a img,  
div#google_ads_div_ABOUT_SLOT_C a img, div#google_ads_div_RSRC_SLOT_C a img,  
div#google_ads_div_RSRC_SLOT_C_DL a img {  
  
margin-left : 10px;  
}  
  
.MITxadsContainer {  
  
position : relative;  
  
left : 775px;  
  
top : -20px;  
  
width : 200px;
```

```
}

.MITxads {
    width : 180px;
    height : 160px;
}

.courseNotification {
    background-color : #AFD0EB;
    padding : 5px;
    text-align : center;
}

.nobr {
    white-space : nowrap;
}

.edunotice {
    border-bottom : 1px solid #e4e5e0;
    padding : 10px 20px;
    margin : 10px 0;
    background-color : #f3f3f3;
}

.edunotice h2.subhead {
    border-bottom : none;
}

.pullquote.right {
    float : right;
    border-right : 0;
```

```
border-left : 1px solid #d5c9ba;  
padding-right : 0;  
padding-left : 12px;  
margin : 3px 0 10px 12px;  
}
```

```
.pullquote.rightvideo {  
float : right;  
border-right : 0;  
border-left : 1px solid #d5c9ba;  
padding-right : 0;  
padding-left : 12px;  
margin : -350px 0 10px 12px;  
width : 220px;
```

```
}
```

```
img.mitpress {  
width : 86px;  
height : 12px;  
border : 0;  
vertical-align : middle;
```

```
}
```

```
.sponsors_google_ads_even {  
float : left;  
clear : none;  
margin-bottom : 15px;  
margin-top : 15px;
```

```
}

.sponsors_google_ads_odd {

float : right;

clear : none;

margin-bottom : 15px;

margin-top : 15px;

}

#menu {

list-style : none;

width : 670px;

margin : 0;

height : 36px;

margin : -1px 0 3px 0;

padding : 6px 0 0 0;

border-left : 1px solid #000;

display : block;

position : relative;

z-index : 500;

}

#menu li {

float : left;

display : block;

text-align : center;

position : relative;

padding : 9px 14px 10px 19px;
```

```
margin-top : -5px;  
border-right : 1px solid #000;  
}  
  
ul#menu li#menu_home, ul#menu li#menu_home:hover, ul#menu li#menu_home.selected {  
float : left;  
display : block;  
text-align : center;  
position : relative;  
padding : 10px 14px 5px 19px;  
padding : 7px 14px 7px;  
margin-top : -5px;  
border-right : 1px solid #000;  
}  
  
#menu li:hover, #menu li.selected {  
background : #b30838;  
}  
  
#menu li a {  
font-family : Arial, Helvetica, sans-serif;  
font-size : 1.52em;  
color : #fff;  
display : block;  
outline : 0;  
text-decoration : none;  
}  
  
#menu li:hover a {
```

```
color : #fff;  
}  
  
#menu li .drop {  
  
padding-right : 40px;  
  
background : url("../images/nav_arrow.png") right 7px no-repeat;  
}  
  
#menu li:hover .drop {  
  
background : url("../images/nav_arrow.png") right 7px no-repeat;  
}  
  
.dropdown_1column-a, .dropdown_5columns-a {  
  
margin : 13px auto;  
  
position : absolute;  
  
left : -999em;  
  
text-align : left;  
  
padding : 10px 5px 0 5px;  
  
border : none;  
  
border-top : none;  
  
background : #fff;  
  
border-radius : 0 5px 5px 5px;  
  
box-shadow : 2px 2px 5px 0 #000;  
}  
  
.dropdown_1column {  
  
width : 140px;  
}  
  
.dropdown_1column-a {
```

```
width : 245px;
}

.dropdown_5columns {
width : 700px;
}

.dropdown_5columns-a {
width : 640px;
}

#menu li:hover .dropdown_1column-a, #menu li:hover .dropdown_5columns-a {
left : 0;
top : 26px;
border-top : 1px solid #000;
}

.col_1, .col_5a {
display : inline;
float : left;
position : relative;
}

.col_1a, .col_1b {
display : inline;
position : relative;
float : left;
margin-left : 5px;
margin-right : 5px;
}
```

```
.col_1b {  
margin-top : 4px;  
}  
  
.col_1 {  
width : 235px;  
}  
  
.col_1a {  
width : 420px;  
margin-left : 15px;  
}  
  
.col_1b {  
width : 190px;  
}  
  
.col_5 {  
width : 640px;  
}  
  
.quart {  
float : left;  
margin : 5px 10px 5px 10px;  
width : 170px;  
}  
  
.row_1a, .row_1b {  
margin : 0 0 5px 0;  
padding : 0;  
float : left;
```

```
}

.row_1a {
    border-bottom : 1px solid #999;
}

.row_1b {
    margin-top : 6px;
}

#menu .menu_right {
    float : right;
    margin-right : 0;
}

#menu li .align_right {
    border-radius : 5px 0 5px 5px;
}

#menu li:hover .align_right {
    left : auto;
    right : -1px;
    top : auto;
}

#menu li:hover div a {
    font-size : 1.0em;
    color : #b30838;
}

#menu li:hover div a:hover {
    color : #ff9000;
}
```

```
text-decoration : underline;
```

```
}
```

```
#menu li ul {
```

```
list-style : none;
```

```
padding : 0;
```

```
margin : 0 0 12px 0;
```

```
}
```

```
#menu li ul li {
```

```
font-size : 1.1em;
```

```
line-height : 0.2em;
```

```
position : relative;
```

```
margin : 0;
```

```
float : none;
```

```
text-align : left;
```

```
border : none;
```

```
}
```

```
#menu li ul li:hover {
```

```
background : none;
```

```
}
```

```
#menu ul.nav-bullet {
```

```
padding : 0 5px;
```

```
margin : 2px auto;
```

```
}
```

```
#menu ul.nav-bullet li:before {
```

```
content : '»';
```

```
display : inline;  
color : #b30838;  
left : -12px;  
top : 0;  
position : relative;  
}  
  
#menu li ul li, #menu li ul li:hover {  
margin : 2px 0 5px 0;  
font-size : 1em;  
}  
  
#menu h2.nav {  
font-family : TitilliumText22LBold, Verdana;  
color : #333;  
text-transform : none;  
font-size : 1.3em;  
font-weight : 200;  
letter-spacing : 0.5px;  
margin : 0.5em 0 0;  
padding : 0 0 5px;  
}  
  
.mega-courses {  
background-image : url(..../images/bg_mega-courses.png);  
background-repeat : repeat-y;  
background-position : top left;  
}
```

```
#menu .mega-courses ul.nav-bullet li {  
margin-left : -20px;  
}  
  
.mega-courses .quart h2, #menu .mega-courses .col_1b h2 {  
margin-left : -10px;  
}  
  
.mega-div-bottom {  
border-bottom : 1px solid #a49786;  
}  
  
.mega-div-top {  
border-top : 1px solid #a49786;  
}  
  
img.home_icon {  
width : 30px;  
height : 24px;  
border : none;  
margin : 1px 0 -3px -4px;  
}  
  
#menu ul.nav-bullet.find_by li {  
font-size : 1.2em;  
font-weight : bold;  
}  
  
.jquerybubblepopup {  
width : auto;  
height : auto;
```

```
margin : 0;  
padding : 0;  
position : absolute;  
border : 0;  
z-index : 100;  
text-align : center;  
background-color : transparent;  
width : 330px;  
}  
  
.jquerybubblepopup table {  
width : auto;  
height : auto;  
margin : 0;  
padding : 0;  
display : table;  
border-collapse : collapse;  
border-spacing : 0;  
border : 0;  
empty-cells : show;  
background-color : transparent;  
width : 330px;  
}  
  
.jquerybubblepopup tbody {  
display : table-row-group;  
vertical-align : top;
```

```
border : 0;  
  
background-color : transparent;  
}  
  
.jquerybubblepopup td {  
  
margin : 0;  
  
padding : 0;  
  
background-color : transparent;  
}  
  
.jquerybubblepopup-top-left, .jquerybubblepopup-top-right, .jquerybubblepopup-bottom-left,  
.jquerybubblepopup-bottom-right {  
  
width : 21px;  
  
height : 21px;  
  
overflow : hidden;  
  
background-repeat : no-repeat;  
}  
  
.jquerybubblepopup-top-middle, .jquerybubblepopup-bottom-middle {  
  
overflow : hidden;  
  
background-repeat : repeat-x;  
  
text-align : center;  
}  
  
.jquerybubblepopup-middle-left, .jquerybubblepopup-middle-right {  
  
overflow : hidden;  
  
background-repeat : repeat-y;  
  
text-align : center;  
  
vertical-align : top;  
}
```

```
.jquerybubblepopup-tail {  
border : 0;  
margin : 0;  
padding : 0;  
display : inline;  
vertical-align : top;  
}  
  
.jquerybubblepopup-azure .jquerybubblepopup-innerHtml, .jquerybubblepopup-black  
.jquerybubblepopup-innerHtml, .jquerybubblepopup-blue .jquerybubblepopup-innerHtml,  
.jquerybubblepopup-green .jquerybubblepopup-innerHtml, .jquerybubblepopup-grey  
.jquerybubblepopup-innerHtml, .jquerybubblepopup-orange .jquerybubblepopup-innerHtml,  
.jquerybubblepopup-violet .jquerybubblepopup-innerHtml, .jquerybubblepopup-yellow  
.jquerybubblepopup-innerHtml {  
  
font-family : 'Trebuchet MS', Arial;  
  
font-size : 11px;  
  
font-weight : normal;  
  
color : #000000;  
  
background-color : #FFFFFF;  
}  
  
.jquerybubblepopup-all-azure .jquerybubblepopup-innerHtml, .jquerybubblepopup-all-black  
.jquerybubblepopup-innerHtml, .jquerybubblepopup-all-blue .jquerybubblepopup-innerHtml,  
.jquerybubblepopup-all-green .jquerybubblepopup-innerHtml, .jquerybubblepopup-all-grey  
.jquerybubblepopup-innerHtml, .jquerybubblepopup-all-orange .jquerybubblepopup-innerHtml,  
.jquerybubblepopup-all-violet .jquerybubblepopup-innerHtml, .jquerybubblepopup-all-yellow  
.jquerybubblepopup-innerHtml {  
  
font-family : 'Trebuchet MS', Arial;  
  
font-size : 11px;  
  
font-weight : normal;  
  
color : #FFFFFF;
```

```
}

.jquerybubblepopup-all-azure .jquerybubblepopup-innerHtml {
background-color : #0099FF;

}

.jquerybubblepopup-all-black .jquerybubblepopup-innerHtml {
background-color : #000000;

}

.jquerybubblepopup-all-blue .jquerybubblepopup-innerHtml {
background-color : #0066CC;

}

.jquerybubblepopup-all-green .jquerybubblepopup-innerHtml {
background-color : #66FF00;

}

.jquerybubblepopup-all-grey .jquerybubblepopup-innerHtml {
background-color : #666666;

}

.jquerybubblepopup-all-orange .jquerybubblepopup-innerHtml {
background-color : #FF9933;

}

.jquerybubblepopup-all-violet .jquerybubblepopup-innerHtml {
background-color : #FF33FF;

}

.jquerybubblepopup-all-yellow .jquerybubblepopup-innerHtml {
background-color : #FFCC00;

}
```

```
a img {  
border : 0;  
}  
  
blockquote {  
margin-left : 2em;  
}  
  
.maincontent {  
padding-left : 0;  
clear : both;  
}  
  
.maincontent a:link {  
text-decoration : underline;  
color : #680a12;  
}  
  
.maincontent a:visited {  
text-decoration : underline;  
color : #ab4347;  
}  
  
.maincontent a:hover {  
text-decoration : underline;  
color : #5151a6;  
}  
  
.right a:link {  
text-decoration : underline;  
color : #000000;
```

```
}

.right a:visited {

text-decoration : underline;

color : #8e8e6f;

}

.maincontent h1 {

margin : 0;

padding : 5px 0 1em 0;

color : #990000;

font-size : 1.0em;

border-bottom : 1px dashed #999;

position : relative;

margin-bottom : 7px;

}

.global-spacing {

font-size : 1em;

padding-bottom : 5.4em;

}

.twocol {

width : 100%;

clear : both;

}

ul.list-left {

float : left;

width : 45%;
```

```
}

ul.list-right {
    float : right;
    width : 45%;

}

.mod8 {
    padding : 0 2px 2em 2px;
}

.mod8 hr {
    border-top : 1px solid #777;
}

.course1 {
    padding : 1em 0.5em;
}

.mainContentBottomArea {
    width : auto;
    height : auto;
    margin-top : 10px;
    margin-bottom : 0;
    clear : both;
}

.mainContentTopArea {
    width : auto;
    height : auto;
}
```

```
.mainContentTopLeftArea {  
    width : 328px;  
    float : left;  
    padding-bottom : 12px;  
}  
  
.mainContentTopLeftArea .image-caption {  
    font-size : 0.6em;  
    color : #666;  
    padding-right : 8px;  
    margin : 0.5em 0 0;  
}  
  
.mainContentTopLeftArea .image-caption p {  
    font-size : 1em;  
    color : #666;  
    margin : 0.5em 0 0;  
}  
  
.mainContentTopRightArea {  
    width : 187px;  
    float : right;  
    margin : 0;  
    padding : 0 0 0 3px;  
}  
  
.chpCourseDetailLinks {  
    margin-bottom : 10px;  
    text-decoration : none;
```

```
}

.chpCourseDetailLinks p {

font-size : 0.75em;

margin-bottom : 5px;

margin-top : 0;

}

.mainContentTopRightArea p a.class1:hover, .chpCourseDetailLinks a.class1:hover {

color : #5151A6;

text-decoration : underline;

}

.mainContentTopRightArea p a.class1:link, .chpCourseDetailLinks a.class1:link {

color : #AB4347;

text-decoration : none;

}

.mainContentTopRightArea p a.class1:visited, .chpCourseDetailLinks a.class1:visited {

text-decoration : none;

color : #AB4347;

}

.dottedLine {

background : url(..../images/horizontal_dots_red.gif) bottom left repeat-x transparent;

overflow : hidden;

padding-bottom : 10px;

margin-bottom : 10px;

}

.mainContentTopRightArea h3, .RHPMainContentTopRight h3 {
```

```
font-size : 0.8em;  
padding-bottom : 2px;  
}  
  
.chpcourselevel {  
padding-top : 3px;  
font-size : 0.75em;  
}  
  
.RHPMainContent {  
height : auto;  
width : auto;  
}  
  
.RHPMainContentTopLeft {  
width : 320px;  
float : left;  
padding-right : 8px;  
margin : 0;  
}  
  
.RHPMainContentTopRight {  
width : 187px;  
float : right;  
margin : 0;  
padding : 0 0 10px 3px;  
}  
  
.RHPMainContentTopRight p {  
margin-top : 0;
```

```
}

.image-caption {
    font-size : 0.6em;
    color : #666;
    margin : 0.5em 0 2em;
}

.image-caption p {
    font-size : 1em;
    color : #666;
    margin : 0.5em 0 2em;
}

h2 {
    margin : 0.5em 0 0;
    padding : 0 0 5px;
}

.course2 {
    font-size : 0.7em;
    border : #8E8E6F solid 1px;
    background-color : #EBEBEB;
    margin : 2.2em 1.5em 0.5em 0.8em;
    padding : 0.5em;
}

.course2 h3 {
    font-size : 1em;
    margin : 0 0 0.75em;
}
```

```
padding : 5px 0 0;  
}  
  
.course2 p {  
  
margin : 0 0 0.75em;  
  
padding : 0;  
}  
  
.helper {  
  
color : #c00;  
}  
  
.helper a:link, .helper a:visited {  
  
font-weight : bold;  
  
font-style : italic;  
}  
  
div.coursedescription {  
  
padding-top : 5px;  
  
margin-bottom : 12px;  
}  
  
div.maincontent div.bodycopy span {  
  
display : block;  
  
margin-top : 12px;  
}  
  
div.maincontent div.bodycopy span.tablecopy {  
  
display : inline;  
  
margin : 0;  
}
```

```
div.maincontent div.bodycopy p span {  
    display : inline;  
}  
  
.mod2 .globalfloat .floatright {  
    padding : 0 1.5em 0 1em;  
}  
  
.mod2 .globalfloat .float-left {  
    padding : 0 1em 0 0;  
}  
  
div.bodycopy table.datatable, table + table caption {  
    margin-top : 10px;  
}  
  
ol.nobullet {  
    list-style-type : none;  
}  
  
ul.nobullet {  
    list-style-type : none;  
}  
  
ul.nobullet-tab {  
    list-style-type : none;  
    margin : 0;  
    padding : 0;  
}  
  
ul.nobullet-tab-space {  
    list-style-type : none;
```

```
margin : 0;  
padding : 0;  
}  
  
ul.nobullet-tab-space li {  
padding-bottom : 10px;  
}  
  
ul.nobullet-tab li {  
margin : 0;  
padding : 0;  
}  
  
ul.li-space li {  
padding-bottom : 10px;  
}  
  
ul.displayinline li {  
display : inline;  
list-style-type : none;  
margin : 0;  
padding : 0;  
margin-right : 5px;  
}  
  
ul#li-space li {  
padding-bottom : 10px;  
}  
  
ol.third {  
list-style-type : decimal;
```

```
}

ol.fifth {
    list-style-type : decimal;
}

ol.fourth {
    list-style-type : lower-alpha;
}

ol.sixth {
    list-style-type : lower-alpha;
}

ol.second {
    list-style-type : upper-alpha;
}

ol.seventh {
    list-style-type : lower-roman;
}

ol.first {
    list-style-type : upper-roman;
}

ol.li-space li {
    padding-bottom : 10px;
}

ol#li-space li {
    padding-bottom : 10px;
}
```

```
ul.disc {  
list-style-type : disc;  
list-style-image : none;  
}  
  
ul.circle {  
list-style-type : circle;  
list-style-image : none;  
}  
  
ul.square {  
list-style-type : square;  
list-style-image : none;  
}  
  
caption.subhead {  
font-family : arial, helvetica, sans-serif;  
font-size : 1.3em;  
font-weight : bold;  
color : #000;  
text-align : left;  
padding-bottom : 10px;  
}  
  
caption.subsubhead {  
font-family : verdana, arial, helvetica, sans-serif;  
font-size : 0.75em;  
font-style : italic;  
color : #000;
```

```
text-align : left;  
padding-bottom : 10px;  
}  
  
caption.bodycopy {  
font-family : verdana, arial, helvetica, sans-serif;  
font-size : 0.75em;  
color : #000;  
text-align : left;  
padding-bottom : 10px;  
}  
  
caption.invisible {  
display : none;  
}  
  
table.datatable ul li {  
font-family : verdana, arial, helvetica, sans-serif;  
font-size : 0.69em;  
color : #000;  
}  
  
th.nowrap {  
white-space : nowrap;  
}  
  
tr#nowrap {  
white-space : nowrap;  
}  
  
td.nowrap {
```

```
white-space : nowrap;  
}  
  
table.datatable#nowrap {  
white-space : nowrap;  
}  
  
table.datatable {  
border-collapse : collapse;  
border-spacing : 0;  
border : #999 solid 1px;  
empty-cells : show;  
width : 100%;  
}  
  
table.datatable td {  
padding : 8px;  
border : #999 solid 1px;  
font-family : verdana, arial, helvetica, sans-serif;  
background-color : #fff;  
font-size : 0.69em;  
}  
  
table.datatable th {  
padding : 8px;  
border : #999 solid 1px;  
}  
  
table.datatable tr.gray-row td {  
padding : 8px;
```

```
border : #999 solid 1px;  
font-family : verdana, arial, helvetica, sans-serif;  
background-color : #e2e1d4;  
font-size : 0.69em;  
}  
  
.datatable {  
border-collapse : collapse;  
}  
  
div.bodycopy table.tbloutline table.datatable {  
margin-top : 0;  
}  
  
.tbloutline {  
background-color : #727266;  
}  
  
.tbloutline {  
border-bottom : 15px solid white;  
}  
  
.tbloutline th {  
background-color : #727266;  
color : #fff;  
font-size : 0.9em;  
text-transform : uppercase;  
}  
  
.tbloutline th.columndiv {  
width : 1px;
```

```
}

.tbloutline {
background-color : #b4b1a2;
}

#mainlayouttable {
border-collapse : collapse;
border-spacing : 0;
border-width : 0;
empty-cells : hide;
width : 780px;
background-color : #fff;
}

#standardlayouttable {
border-collapse : collapse;
border-spacing : 0;
border-width : 0;
width : 100%;
}

#homepageheaderimage {
vertical-align : top;
margin-right : auto;
width : 200px;
}

#layoutaligntopleft {
vertical-align : top;
```

```
margin-right : auto;  
}  
  
#mainsitenavtable {  
border-collapse : collapse;  
border-spacing : 0;  
border-width : 0;  
margin-left : auto;  
}  
  
#mainsitenavtable td {  
margin-right : auto;  
}  
  
#mainsitenavtable td a img {  
border-width : 0;  
}  
  
.headercolors {  
background-color : #cac3b5;  
color : #333;  
}  
  
.subhead {  
font-family : verdana, arial, helvetica, sans-serif;  
font-size : 0.92em;  
font-weight : bold;  
color : #000;  
padding-top : 10px;  
padding-bottom : 10px;
```

```
}

table + h2.subhead {
    padding-top : 10px;
}

table + br + h2.subhead {
    padding-top : 5px;
}

table + br + br + h2.subhead {
    padding-top : 10px;
}

p.bodycopy {
    font-family : verdana, arial, helvetica, sans-serif;
    font-weight : normal;
    font-size : 0.75em;
    color : #000;
}

p.caption {
    font-family : verdana, arial, helvetica, sans-serif;
    font-size : 0.69em;
    color : #666;
}

.instruction {
    font-family : verdana, arial, helvetica, sans-serif;
    font-size : 0.9em;
    color : #666;
```

```
margin-top : 6px;  
}  
  
#Instructions {  
font-family : verdana, arial, helvetica, sans-serif;  
font-size : 0.69em;  
color : #666;  
}  
  
.bodycopy p.instruction {  
font-family : verdana, arial, helvetica, sans-serif;  
font-size : 0.69em;  
color : #666;  
}  
  
p.underline {  
text-decoration : underline;  
}  
  
div#BodyCopy1 p {  
margin-top : 10px;  
margin-bottom : 10px;  
}  
  
div#Htmlplaceholder2 p {  
margin-top : 0;  
margin-bottom : 0;  
padding-top : 4px;  
padding-bottom : 4px;  
}
```

```
div#Htmlplaceholder3 p {  
margin-top : 10px;  
margin-bottom : 10px;  
}  
  
div#description h2 {  
margin-bottom : 0;  
padding-bottom : 0;  
}  
  
div#description h2.subhead, div#description h4.custom {  
font-weight : bold;  
font-size : 1.2em;  
margin-bottom : 0;  
padding-bottom : 0;  
color : #000;  
}  
  
div#description h2.subhead p {  
margin-bottom : 0;  
}  
  
div#Highlights {  
margin-top : 5px;  
margin-bottom : 12px;  
}  
  
div#Highlights p {  
margin-top : 10px;  
margin-bottom : 10px;
```

```
}

.underline {
    text-decoration : underline;
}

a.red:link, a.red:visited {
    font-family : verdana, arial, helvetica, sans-serif;
    color : #8a0a0a;
    text-decoration : none;
}

a.red:hover, a.red:active {
    font-family : verdana, arial, helvetica, sans-serif;
    color : #8a0a0a;
    text-decoration : underline;
}

.red {
    font-family : verdana, arial, helvetica, sans-serif;
    color : #8a0a0a;
}

.active {
    background-color : #cccc99;
}

.bodycopy-small {
    font-family : verdana, arial, helvetica, sans-serif;
    font-weight : normal;
    font-size : 0.69em;
```

```
color : #000000;  
}  
.forty {  
margin-bottom : 40px;  
}  
.floatright {  
float : right;  
}  
.floatleft {  
float : left;  
}  
.floatrightpad5 {  
float : right;  
padding : 2% 2% 2% 2%;  
}  
.floatleftpad5 {  
float : left;  
padding : 2% 2% 2% 2%;  
}  
.spothead {  
font-family : verdana, arial, helvetica, sans-serif;  
font-weight : bold;  
font-size : 0.88em;  
color : #990000;  
}
```

```
.ten {  
margin-left : 10px;  
}  
  
.tenten {  
margin-left : 10px;  
margin-bottom : 10px;  
}  
  
.myth {  
font-family : verdana, arial, helvetica, sans-serif;  
font-weight : bold;  
font-size : 0.69em;  
background-color : black;  
color : #fff;  
}  
  
.presheadcolor {  
background-color : #217793;  
}  
  
.presbodycolor {  
background-color : #f5f4e8;  
}  
  
.ocwhome {  
background-color : #fff;  
}  
  
.whitebackground {  
background-color : #fff;
```

```
}

.dotted-line {
background-image : url("http://ocw.mit.edu/OcwWeb/images/dottedline_small.gif");
}

.headline {
font-family : verdana, arial, helvetica, sans-serif;
font-weight : bold;
font-size : 0.88em;
color : #000;
margin-bottom : 5px;
}

div.bodycopy {
font-family : verdana, arial, helvetica, sans-serif;
font-weight : normal;
font-size : 0.75em;
color : #000;
}

.ocwhome {
background-color : #97a2a8;
}

.infobdr {
background-color : #8e8e6f;
}

.addInfo {
background-color : #ebebeb;
```

```
}

.fieldlabel {

font-family : verdana, arial, helvetica, sans-serif;

font-weight : bold;

font-size : 0.69em;

color : #000;

}

.searchborder {

background-color : #666;

}

.searchinfo {

background-color : #aeae8a;

}

.mod8 a:link {

color : #680a12;

}

.mod8 a:visited {

color : #ab4347;

}

.mod8 a:hover {

color : #5151a6;

}

.mod2 h2 {

font-weight : bold;

font-size : 0.75em;
```

```
padding-bottom : 10px;  
color : #000;  
padding-top : 10px;  
}  
  
div#highlights {  
margin-top : 8px;  
margin-bottom : 10px;  
}  
  
#highlights {  
font-size : 0.75em;  
}  
  
div.bodycopy span.tablecopy {  
display : inline;  
margin : 0;  
}  
  
div.bodycopy p span {  
display : inline;  
}  
  
.columndiv {  
background-color : #999;  
}  
  
caption.invisible {  
display : none;  
}  
  
.tablecopy a:link {
```

```
color : #680a12;  
text-decoration : underline;  
}  
  
.tablecopy a:visited {  
color : #ab4347;  
text-decoration : underline;  
}  
  
.tablecopy a:hover {  
color : #5151a6;  
text-decoration : underline;  
}  
  
.mod4 p {  
margin-left : 15px;  
}  
  
div#Description p, div#description p, div#highlights p {  
margin-top : 10px;  
margin-bottom : 10px;  
}  
  
#callout .module h3 {  
margin-bottom : 3px;  
font-size : 0.8em;  
}  
  
#callout .module p {  
margin-top : 5px;  
margin-bottom : 5px;
```

```
}

.bodycopy ol, .bodycopy ul, .mod8 .bodycopy ol, .mod8 .bodycopy ul, .mod8 ul, .mod8 ol {

margin-left : 30px;

}

html > body .bodycopy ol, html > body .bodycopy ul {

margin-left : inherit;

}

#main_content {

margin : 0;

}

#main_content_course {

margin : 0;

}

#courses_inner {

margin : 0 0 0 2px;

padding : 0;

}

#courses_inner h1 {

margin : 0 0 5px;

padding : 0;

}

#courses h1 {

margin-left : 3px;

}

.mainContentBottomArea h4 {
```

```
font-size : 0.8em;  
margin-bottom : 0;  
}  
  
.module .chpmeetingtimes p, .module .chpstaff p, #callout .module span, .module .chpmeetingtimes,  
.module .chpstaff, #callout .module h3 span, #callout .module span, #callout .module li, .course1 p,  
.bodycopy p, .course1 li, .bodycopy li {  
  
font-size : 0.75em;  
}  
  
.dbutton1 {  
  
margin-bottom : 20px;  
margin-right : 10px;  
margin-left : 110px;  
}  
  
#download_main_content {  
  
width : 724px;  
height : auto;  
overflow : hidden;  

```

```
}

#download_rsi {
    width : 300px;
    float : right;
}

.btnDownloadNow {
    background : url(..../images/btn_downloadNow.gif) left top no-repeat #5985B2;
    width : 211px;
    margin : 25px 0 0 25px;
    padding : 50px 0 10px;
}

.btnDownloadNow span {
    display : block;
    margin-left : 60px;
    margin-right : 25px;
    margin-top : 3px;
    padding-top : 2px;
    text-align : center;
    color : #fefcf6;
    font-weight : lighter;
    font-size : 0.65em;
    text-decoration : none;
}

.downloadNowButton {
    background : url(..../images/btn_downloadNow.gif) left top no-repeat #5985B2;
```

```
height : 200px;  
padding : 60px 0 0 210px;  
margin : 100px 0 0 25px;  
}  
  
.downloadSizeStyle {  
position : relative;  
top : -18px;  
left : 120px;  
width : 200px;  
color : #fefcf6;  
font-weight : lighter;  
font-size : 0.65em;  
text-decoration : none;  
cursor : pointer;  
}  
  
.downloadLink {  
margin-top : 80px;  
}  
  
.downloadLink a:link, .downloadLink a:visited, .downloadLink a:hover {  
text-decoration : none;  
color : #fefcf6;  
}  
  
#Description.coursedescription ol, #Description.coursedescription ul {  
margin-left : 25px;  
}
```

```
.mainContentBottomArea p.instruction {  
margin-top : 0;  
margin-bottom : 0;  
padding-top : 0;  
padding-bottom : 0;  
}  
  
.tablecopy {  
padding-left : 0;  
}  
  
a:link .tablecopy {  
color : #680a12;  
}  
  
a:visited .tablecopy {  
color : #ab4347;  
}  
  
a:hover .tablecopy {  
color : #5151ab;  
}  
  
table.datatable td, table.datatable th {  
padding : 8px;  
}  
  
div.bodycopy table {  
border : #999 solid 1px;  
}  
  
.coursedescription h2 {
```

```
font-size : 1.1em;  
color : #000;  
line-height : 1.6em;  
font-weight : bold;  
}  
  
#callout .module .normaltext {  
font-size : 0.75em;  
}  
  
#courses h3.term {  
font-size : 1.2em;  
font-weight : normal;  
color : #A33033;  
margin : 0 0 10px 3px;  
}  
  
#courses h3.chpTermInfo {  
font-size : 0.8em;  
font-weight : normal;  
color : #A33033;  
margin : 0 0 10px 3px;  
}  
  
.specialfeatures {  
list-style-type : none;  
overflow : hidden;  
width : 550px;  
margin : 10px 0 12px;
```

```
}

.specialfeatures li {
    padding-left : 7px;
    display : block;
    background : url(..../images/black-arrow.gif) 0 5px no-repeat transparent;
    float : left;
    width : 220px;
    margin : 0 0 0.3em;
}

.specialfeatures a:link, .specialfeatures a:visited {
    text-decoration : none;
}

.specialfeatures a:hover {
    text-decoration : underline;
}

div.labwarning {
    border : #333 dotted 1px;
    margin-top : 20px;
    margin-bottom : 20px;
    padding : 5px 5px 0 8px;
}

div.labwarning p {
    font-size : 0.9em;
}

div.labwarning p.title {
```

```
font-size : 1em;  
color : #b30838;  
font-weight : bold;  
}  
  
span.lgtxt, p.lgtxt, ol.lgtxt li, ul.lgtxt li, div.maintabletemplate table.lgtxt tr td {  
font-size : 1.5em;  
line-height : 1.2em;  
}  
  
ol.lgtxt li p, ul.lgtxt li p {  
font-size : 1em;  
line-height : 1.2em;  
}  
  
.addfac_ext {  
margin : 3px 10px 2px 0;  
}  
  
.addfac_int {  
float : left;  
font-size : 1em;  
padding-right : 20px;  
width : 225px;  
}  
  
a:link.addfac, a:hover.addfac, a:visited.addfac {  
text-decoration : none;  
color : #ab4347;  
}
```

```
.gallery {  
padding : 10px 10px 10px 10px;  
margin : 0;  
}  
  
#galleryframe {  
border : #ccc solid 1px;  
padding : 10px;  
position : relative;  
}  
  
ul.thumbnail img {  
border : none;  
display : block;  
padding-bottom : 20px;  
}  
  
ul.thumbnail {  
list-style : none;  
margin : 0;  
padding : 0;  
}  
  
ul.thumbnail li {  
display : block;  
float : left;  
width : 24.5%;  
height : 190px;  
overflow : auto;
```

```
}

ul.thumnail li.newrow {
    clear : both;
}

ul.thumbnail li a {
    display : block;
    width : 75%;

    color : #666;
    text-decoration : none;
    font-family : verdana, arial, helvetica, sans-serif;
    font-size : 11px;
}

ul.thumbnail li a:link {
    color : #680a12;
    text-decoration : none;
    font-family : verdana, arial, helvetica, sans-serif;
    font-size : 11px;
}

ul.thumbnail li a:visited {
    color : #ab4347;
    text-decoration : none;
    font-family : verdana, arial, helvetica, sans-serif;
    font-size : 11px;
}

ul.thumbnail li a:hover {
```

```
color : #5151ab;  
text-decoration : none;  
font-family : verdana, arial, helvetica, sans-serif;  
font-size : 11px;  
}  
  
.clearer {  
clear : both;  
height : 0;  
line-height : 0;  
}  
  
div.gallery + h2.subhead {  
clear : both;  
height : 0;  
line-height : 0;  
}  
  
div.gallery + h3.subsubhead {  
clear : both;  
height : 0;  
line-height : 0;  
}  
  
div.gallery + p {  
clear : both;  
height : 0;  
line-height : 0;  
}
```

```
.gallerybody {  
margin-left : auto;  
margin-right : auto;  
text-align : center;  
margin-top : 80px;  
}  
  
#gallerynav {  
display : inline;  
}  
  
a.gallerynav {  
display : inherit;  
}  
  
img.gallerybody {  
padding-top : 20px;  
}  
  
.gallerycaption {  
margin-left : 30%;  
margin-right : 30%;  
margin-top : 1%;  
text-align : left;  
font-family : verdana, arial, helvetica, sans-serif;  
font-size : 11px;  
color : #666666;  
}  
  
.music_symbol {
```

```
font-family : Arial Unicode MS, Lucida Sans Unicode;  
}  
  
#cite_popup_box {  
display : none;  
position : fixed;  
background : #E5E0DB;  
border-radius : 10px 10px 10px 10px;  
left : 30%;  
top : 30%;  
z-index : 1000;  
margin-left : 15px;  
padding : 15px;  
box-shadow : 0 0 5px #000000;  
}  
  
#citeOverlay {  
position : fixed;  
width : 100%;  
height : 100%;  
top : 0;  
left : 0;  
background-color : rgba(0, 0, 0, 0.3);  
display : none;  
z-index : 900;  
}  
  
#closeCitation {
```

```
font-size : 12px;  
line-height : 10px;  
right : 5px;  
top : -20px;  
position : absolute;  
color : #000000;  
font-weight : 500;  
left : 95px;  
}  
  
ul.finder {  
margin : -15px 0 20px 0;  
list-style-type : none;  
float : left;  
border-bottom : 1px solid #e4e5e0;  
padding : 8px 9px 9px 0;  
}  
  
ul.finder2 {  
margin : -15px 0 20px 0;  
list-style-type : none;  
float : left;  
border-bottom : 1px solid #e4e5e0;  
padding : 8px 0 9px 0;  
}  
  
ul.finder3 {  
margin : 0;
```

```
list-style-type : none;  
float : left;  
border-bottom : 1px solid #e4e5e0;  
padding : 8px 0 9px 0;  
width : 690px;  
}  
  
ul.finder li, ul.finder2 li, ul.finder3 li {  
display : inline;  
}  
  
ul.finder li a, ul.finder2 li a, ul.finder3 li a {  
font-family : Arial, Helvetica, sans-serif;  
font-size : 1.2em;  
font-weight : bold;  
color : #999;  
text-decoration : none;  
position : relative;  
}  
  
.finderTopic {  
margin-right : 16px;  
padding : 6px 94px;  
}  
  
.finderTopic2 {  
margin-right : 16px;  
padding : 6px 92px;  
}
```

```
.finderTopic3 {  
margin-right : 6px;  
padding : 6px 86px;  
}  
  
.finderMCN {  
padding : 6px 43px;  
margin-right : 16px;  
}  
  
.finderMCN2 {  
padding : 6px 43px;  
margin-right : 16px;  
}  
  
.finderDept {  
padding : 6px 72px;  
margin : 0 5px 0 0;  
}  
  
.finderDept2 {  
padding : 6px 70px;  
margin-right : 0;  
}  
  
ul.finder li a:hover, ul.finder li a.selected:hover, ul.finder2 li a:hover, ul.finder2 li a.selected:hover,  
ul.finder3 li a:hover, ul.finder3 li a.selected:hover {  
background-color : #ad0e2d;  
color : #fff;  
border-radius : 8px;  
}
```

```
ul.finder li a.selected, ul.finder2 li a.selected, ul.finder3 li a.selected {  
background-color : #ad0e2d;  
color : #fff;  
border-radius : 8px;  
}  
  
ul.finder li a.selected:after, ul.finder2 li a.selected:after, ul.finder3 li a.selected:after {  
content : ' ';  
height : 0;  
position : absolute;  
width : 0;  
border : transparent solid 8px;  
border-top-color : #ad0e2d;  
top : 100%;  
left : 50%;  
margin-left : -6px;  
}  
  
ul.deptList {  
list-style-type : none;  
}  
  
ul.deptList li {  
margin-bottom : 10px;  
text-indent : 2em;  
}  
  
ul.deptList li:before {  
content : '»';
```

```
display : inline;  
color : #000;  
margin-right : 4px;  
top : -2px;  
position : relative;  
}  
  
.deptLinks {  
margin-bottom : 30px;  
}  
  
.deptLinks a, .deptLinks a:hover, .deptlinks a:active {  
text-decoration : underline;  
}  
  
#browser {  
position : relative;  
height : 210px;  
overflow : hidden;  
width : 720px;  
}  
  
#br1, #br2, #br3 {  
float : left;  
position : relative;  
width : 225px;  
border : #ccc solid 1px;  
}  
  
#br1, #br2 {
```

```
margin-right : 18px;  
}  
  
.browserPane {  
font-size : 1.1em;  
height : 170px;  
margin : 0;  
overflow-x : auto;  
overflow-y : visible;  
}  
  
h3.finderTitle {  
font-family : TitilliumText22LRegular, Verdana;  
font-size : 1.2em;  
text-transform : uppercase;  
color : #000;  
padding : 3px 3px 3px 7px;  
border-bottom : 1px solid #ccc;  
}  
  
.scroller p {  
line-height : 1.2em;  
padding : 5px;  
margin : 0;  
}  
  
.scroller p.odd {  
background-color : #f3efeb;  
}
```

```
.scroller p.even {  
background-color : #fff;  
}  
  
.scroller p.none {  
font-style : italic;  
line-height : 1.4em;  
}  
  
.scroller p.selected {  
background-color : #ff9000;  
color : #000;  
}  
  
.finderColumns {  
position : relative;  
}  
  
.filters {  
float : left;  
margin : 5px 14px 15px 5px;  
min-width : 225px;  
position : relative;  
}  
  
.lastCol {  
margin-right : 0;  
}  
  
.filters input {  
margin-bottom : 10px;
```

```
}

.results {
    width : 718px;
    border-bottom : 1px solid #333;
    margin-bottom : 15px;
}

.results p.title {
    margin : 0 310px -11px 310px;
    padding : 0 14px;
    font-family : TitilliumText22LBold, Verdana;
    font-size : 1.5em;
    text-transform : uppercase;
    color : #000;
    background-color : #fff;
}

#coursePreview {
    display : none;
    position : fixed;
    left : 25%;
    top : 25%;
    z-index : 1;
}

.nodisplay {
    display : none;
}
```

```
.coursePreviewTop {  
    min-width : 440px;  
    width : 440px;  
    background-color : #b30838;  
    padding : 1px 13px;  
    margin : 0;  
    border-radius : 10px 10px 0 0;  
    box-shadow : 2px 2px 5px 0 #000;  
}  
  
.coursePreviewTop h3 {  
    color : #fff;  
    font-size : 1.2em;  
    padding : 7px 25px 7px 0;  
}  
  
.coursePreviewBottom {  
    z-index : 1;  
    min-width : 440px;  
    width : 440px;  
    position : absolute;  
    background-color : #f3efeb;  
    color : #333;  
    padding : 13px;  
    border-radius : 0 0 10px 10px;  
    box-shadow : 2px 2px 5px 0 #000;  
}
```

```
.coursePreviewBottom .images {  
    float : left;  
    padding : 0 13px 0 0;  
}  
  
.coursePreviewBottom img {  
    padding-bottom : 15px;  
}  
  
.coursePreviewBottom .info {  
    float : left;  
    position : relative;  
    width : 281px;  
    margin : 0;  
    border-bottom : 1px dotted #333;  
    padding-bottom : 5px;  
}  
  
.coursePreviewBottom p {  
    font-size : 0.9em;  
    padding : 6px 0;  
    margin : 0;  
}  
  
.coursePreviewTable {  
    border-collapse : collapse;  
    margin-top : -8px;  
}  
  
.coursePreviewTable tr {
```

```
border-bottom : 1px solid #d5c9ba;  
}  
  
.coursePreviewTable td {  
vertical-align : top;  
}  
  
.coursePreviewTable td.first {  
width : 100px;  
min-width : 100px;  
}  
  
.coursePreviewTable tr.last {  
border-bottom : none;  
}  
  
#courseThumb {  
width : 120px;  
height : 90px;  
}  
  

```

```
}

#course_wrapper ul.bullet li, .column ul li {
margin-left : 20px;
}

#course_wrapper ul.bullet li:before, .column ul li:before {
content : '»';
display : inline;
color : #000;
font-size : 1.2em;
margin-right : 4px;
top : -1px;
position : relative;
}

#course_wrapper ul.bullet li {
color : #333;
font-size : 0.9em;
}

#course_wrapper ul.bullet li, #course_wrapper ul.bullet li.first {
list-style-type : none;
}

#left {
float : left;
width : 720px;
margin-right : 28px;
}
```

```
#breadcrumb {  
    min-width : 955px;  
    margin-right : 30px;  
    margin-top : 15px;  
    float : left;  
}  
  
#breadcrumb_chp, #breadcrumb_media {  
    width : 720px;  
    margin-top : 15px;  
    float : left;  
}  
  
#breadcrumb p, #breadcrumb_chp p, #breadcrumb_media p, #breadcrumb_global p {  
    font-size : 0.9em;  
    float : right;  
    color : #333;  
}  
  
#breadcrumb p a, #breadcrumb p a:visited, #breadcrumb_chp p a, #breadcrumb_chp p a:visited,  
#breadcrumb_media p a, #breadcrumb_media p a:visited, #breadcrumb_global p a,  
#breadcrumb_global p a:visited {  
    color : #b30838;  
    text-decoration : none;  
}  
  
#breadcrumb p a:hover, #breadcrumb p a:active, #breadcrumb_chp p a:hover, #breadcrumb_chp p  
a:active, #breadcrumb_media p a:hover, #breadcrumb_media p a:active, #breadcrumb_global p  
a:hover, #breadcrumb_global p a:active {  
    color : #b30838;  
    text-decoration : underline;
```

```
}

#course_title, #media_title {
    width : 720px;
    border-bottom : 1px solid #e4e5e0;
    float : left;
}

h1.title {
    font-family : TitilliumText22LBold, Verdana;
    color : #000;
    text-decoration : none;
    font-size : 2.6em;
    font-weight : 200;
    letter-spacing : 0.5px;
    line-height : 1.0em;
    padding-bottom : 5px;
}

#course_wrapper {
    float : left;
    min-width : 720px;
    margin-top : 15px;
}

#course_nav {
    width : 155px;
    float : left;
    margin-right : 20px;
```

```
margin-bottom : 50px;  
}  
  
#course_nav ul {  
list-style-type : none;  
margin : 0;  
}  
  
#course_nav li {  
padding : 15px 15px 15px 0;  
border-bottom : 1px solid #e4e5e0;  
margin : 0;  
width : 100%;  
}  
  
#course_nav li a, #course_nav li a:visited {  
font-family : TitilliumText22LBold, Verdana;  
color : #666;  
font-size : 1.2em;  
text-decoration : none;  
text-transform : uppercase;  
margin : inherit;  
padding : inherit;  
width : 125px;  
}  
  
#course_nav li a:hover, #course_nav li a:active, #course_nav li.selected a, #course_nav li.selected  
a:visited #course_nav .tlp_links ul li.selected a {  
color : #b30838;  
}
```

```
.tlp_links {  
    max-width : 125px;  
}  
  
.course_nav li.selected {  
    background-image : url("../images/bg_course-nav_current.png");  
    background-repeat : no-repeat;  
    background-position : center left;  
}  
  
.course_nav ul .tlp_links .expandCollapseTrans {  
    position : absolute;  
    left : -12px;  
    top : 3px;  
}  
  
.course_inner_chp {  
    width : 545px;  
    float : left;  
    min-height : 350px;  
}  
  
.chplImage {  
    min-width : 340px;  
    float : left;  
}  
  
.chplImage .image {  
    min-width : 320px;  
    margin-right : 20px;
```

```
margin-bottom : 10px;  
float : left;  
}  
  
#chplImage .caption {  
width : 320px;  
margin-right : 20px;  
}  
  
#chplImage .caption p, p.caption {  
color : #666;  
font-size : 0.9em;  
margin-top : 5px;  
}  
  
#course_info {  
float : right;  
min-width : 203px;  
width : 203px;  
}  
  
#course_info h3 {  
color : #333;  
font-size : 1.2em;  
font-weight : bold;  
}  
  
#course_info h3.divide {  
padding-top : 1px;  
}
```

```
#course_info h3.divide2 {  
padding-top : 1px;  
margin-top : 50px;  
}  
  
#course_info p {  
color : #333;  
font-size : 1.0em;  
font-weight : normal;  
margin-bottom : 14px;  
}  
  
#course_info p.ins {  
margin-bottom : 8px;  
}  
  
#course_info p.cite {  
background-color : #b30838;  
border : #333 solid 1px;  
color : #fff;  
font-size : 0.8em;  
text-transform : uppercase;  
padding : 2px 5px;  
margin-top : 2px;  
display : flex;  
justify-content : center;  
width : 98px;  
text-align : center;
```

```
}

#course_info p.cite a, #course_info p.cite a:visited {

color : #fff;

text-decoration : none;

}

#course_info p.citeResource {

background-color : #b30838;

border : #333 solid 1px;

color : #fff;

font-size : 0.8em;

text-transform : uppercase;

padding : 2px 5px;

margin-top : 2px;

display : flex;

justify-content : center;

width : 120px;

text-align : center;

}

#course_info p.citeResource a, #course_info p.citeResource a:visited {

color : #fff;

text-decoration : none;

}

a.mac {

padding : 3px 5px 2px;

}
```

```
.social-icons {  
list-style-type : none;  
margin : 7px -6px 30px 0;  
min-width : 543px;  
padding : 10px 0;  
position : relative;  
}  
  
.social-icons li {  
float : left;  
margin-right : -2px;  
position : relative;  
}  
  
.social-icons li.tweet-like {  
position : relative;  
left : 18px;  
}  
  
.social-icons li.googleplus-like {  
position : relative;  
left : -10px;  
}  
  
.social-icons li.linkedin {  
position : relative;  
left : -24px;  
}  
  
.social-icons li.stumbleupon {
```

```
position : relative;  
left : -13px;  
}  
  
.social-icons li.reddit {  
position : relative;  
right : 1px;  
margin : 0;  
}  
  
#course_tabs {  
min-height : 300px;  
width : 547px;  
margin-bottom : 30px;  
}  

```

```
font-weight : 100;  
width : 136.5px;  
height : 39px;  
margin-bottom : 5px;  
margin-right : -3px;  
text-align : center;  
border-top : 1px solid #c9c3ba;  
}  
  
ul#tabs li a {  
color : #a09b95;  
padding : 6px 15px 7px 15px;  
padding : 6px 15px 5px;  
text-decoration : none;  
display : block;  
border-bottom : 1px solid #c9c3ba;  
border-right : 1px solid #c9c3ba;  
background : linear-gradient(to bottom, #ffffff, #f3efeb);  
}  
  
ul#tabs li a:hover {  
color : #b30838;  
}  
  
ul#tabs li a.selected {  
color : #b30838;  
border-bottom : 1px solid #fff;  
background-color : #fff;
```

```
background : none;  
}  
  
ul#tabs li.first a {  
border-left : 1px solid #c9c3ba;  
}  
  
ul#tabs li.last a {  
border-right : 1px solid #c9c3ba;  
}  
  
div.tabContent {  
border : #c9c3ba solid 1px;  
padding : 15px;  
margin-top : 2px;  
background-color : #fff;  
height : 250px;  
max-width : 514px;  
overflow-x : hidden;  
overflow-y : auto;  
}  
  
div.tabContent.hide {  
display : none;  
}  
  
.tabContent ul li {  
margin-left : 30px;  
}  
  
#right {
```

```
float : left;  
width : 182px;  
margin-left : 30px;  
margin-bottom : 15px;  
}  
  
img.donate {  
margin : 15px 0;  
}  
  
img.ad {  
margin-bottom : 15px;  
}  
  
h3.ad_notice {  
padding-bottom : 10px;  
}  
  
h3.ad_notice a, h3.ad_notice a:visited {  
font-family : TitilliumText22LBold, Verdana;  
color : #a49786;  
text-transform : uppercase;  
text-decoration : none;  
font-size : 1.0em;  
font-weight : 200;  
letter-spacing : 0.5px;  
}  
  
h3.ad_notice a:active, h3.ad_notice a:hover {  
color : #b30838;
```

```
text-decoration : underline;  
}  
  
#left_section {  
float : left;  
width : 955px;  
}  
  
#section_title {  
width : 955px;  
margin-right : 30px;  
border-bottom : 1px solid #e4e5e0;  
float : left;  
}  
  
#course_wrapper_section {  
float : left;  
min-width : 955px;  
margin-top : 15px;  
}  
  
#course_inner_section {  
width : 785px;  
float : left;  
padding-bottom : 25px;  
}  
  
#google_ads_div_ZIP_SLOT_ad_container {  
position : relative;  
right : 120px;
```

```
top : 32px;  
}  
  
#google_ads_div_SCHOLAR_DL_ad_container {  
position : relative;  
right : 120px;  
top : 135px;  
}  
  
#video_popup_fade {  
background : none 0 0 repeat scroll #000000;  
display : none;  
height : 100%;  
left : 0;  
opacity : 0.800000011920928955078125;  
position : fixed;  
top : 0;  
width : 100%;  
z-index : 9999;  
}  
  
.popup_block {  
background : none 0 0 repeat scroll #FFFFFF;  
border : #DDDDDD solid 0;  
border-radius : 10px 10px 10px 10px;  
box-shadow : 0 0 20px #000000;  
display : none;  
float : left;
```

```
font-size : 1.2em;  
left : 50%;  
padding : 30px 25px 25px 30px;  
position : fixed;  
top : 50%;  
width : 540px;  
z-index : 99999;  
}  
  
img.video_popup_btn_close {  
float : right;  
height : 20px;  
margin : -22px -19px 0 0;  
width : 20px;  
left : 0;  
top : 3px;  
}  
  
p.pop_margin_link {  
margin : 0;  
padding-left : 10px;  
}  
  
.pop_margin_title, .maintabletemplate p.pop_margin_title {  
font-size : 0.6em;  
margin-bottom : 3px;  
margin-top : -15px;  
}
```

```
a.poplink {  
    font-size : 0.75em;  
    text-decoration : none;  
}  
  
a.poplink:hover, a.poplink:active {  
    text-decoration : underline;  
}  
  
div.toggle1, div.toggle2, div.toggle3, div.toggle4, div.toggle5, div.toggle6, div.toggle7, div.toggle8,  
div.toggle9, div.toggle10 {  
    margin-left : 35px;  
    width : 490px;  
}  
  
div.reveal1, div.reveal2, div.reveal3, div.reveal4, div.reveal5, div.reveal6, div.reveal7, div.reveal8,  
div.reveal9, div.reveal10 {  
    margin-left : 35px;  
}  
  
span.reveal_link {  
    color : #680a12;  
    text-decoration : underline;  
    font-style : italic;  
    cursor : pointer;  
}  
  
pre.matlab {  
    font-family : Courier, monospace;  
    margin-left : 3em;  
}
```

```
code.matlab {  
    font-family : Courier, monospace;  
    font-size : 1.1em;  
}  
  
.keystroke {  
    padding-right : 0.2em;  
    padding-left : 0.1em;  
    background-color : #CCCCCC;  
    border : #999999 outset 0.2em;  
    font-family : Arial, Helvetica, sans-serif;  
}  
  
pre {  
    font-size : 1.2em;  
    margin-bottom : 10px;  
}  
  
code {  
    font-size : 1.2em;  
}  
  
.edu_grid {  
    margin-left : auto;  
    margin-right : auto;  
    width : 780px;  
}  
  
.edu_grid div {  
    margin-bottom : 6px;
```

```
}

.edu_breakdown_key div {

margin-bottom : 10px;

}

.edu_grid h2.title {

background-color : #931101;

color : #fff;

font-family : TitilliumText22LLight, Verdana;

font-size : 1.1em;

padding : 6px 3px 5px 8px;

margin-bottom : 11px;

margin-top : 0;

text-transform : uppercase;

line-height : 17px;

}

.edu_grid div.quick {

background-color : #f3f3f3;

color : #555;

font-family : TitilliumText22LRegular, Verdana;

text-transform : uppercase;

}

.edu_grid div.quick ul {

margin : 11px 20px 20px 20px;

padding-left : 0;

}
```

```
.edu_grid div.quick ul li {  
list-style-type : none;  
margin : 5px 0;  
}  
  
.edu_grid div.quick ul li a, .edu_grid div.quick ul li a:visited {  
color : #555;  
margin : 6px 8px;  
font-size : 1.1em;  
}  
  
.edu_grid div.quick ul li a:active, .edu_grid div.quick ul li a:hover {  
color : #b30838;  
font-size : 1.1em;  
}  
  
img.question {  
width : 15px;  
height : 15px;  
vertical-align : text-bottom;  
}  
  
.edu_grid div.edu_hours_left {  
float : left;  
vertical-align : top;  
text-align : center;  
width : 100px;  
margin-top : 10px;  
}
```

```
.edu_grid div.edu_hours_right {  
    float : right;  
    vertical-align : top;  
    width : 275px;  
    margin-bottom : -15px;  
}  
  
.edu_hours_left p, .side_stat p {  
    font-family : TitilliumText22LBold, Verdana;  
    font-size : 1.1em;  
}  
  
.side_stat {  
    float : left;  
    vertical-align : top;  
    text-align : center;  
    width : 105px;  
}  
  
.remainder {  
    float : right;  
    vertical-align : top;  
    width : 660px;  
}  
  
.edu_grid h2.subhead {  
    border-bottom : thin solid #000000;  
    padding-bottom : 2px;  
}
```

```
.onethird, .onehalf, .twothirds, .full {  
    display : inline;  
    float : left;  
    position : relative;  
    margin-left : 10px;  
    margin-right : 10px;  
    margin-top : 0;  
}  
  
.alpha {  
    margin-left : 0;  
}  
  
.omega {  
    margin-right : 0;  
}  
  
.edu_grid .onethird {  
    width : 245px;  
}  
  
.edu_grid .onehalf {  
    width : 380px;  
}  
  
.edu_grid .twothirds {  
    width : 515px;  
}  
  
.edu_grid .full {  
    width : 780px;
```

```
}

.edu_grid div.aboutbox {

border : #333 solid 1px;

background-color : #f3f3f3;

padding : 10px;

padding-bottom : 0;

margin-top : 14px;

margin-bottom : 14px;

width : 758px;

}

.edu_breakdown {

border : none;

border-collapse : collapse;

margin-top : 14px;

}

.edu_breakdown th, .edu_breakdown td {

text-align : center;

font-weight : bold;

border-right : 1px solid #ccc;

margin : 0;

padding : 0;

}

.edu_breakdown th.week_col {

width : 108px;

}
```

```
.edu_breakdown tbody th {  
background-color : #eee;  
margin : 2px 0;  
border-bottom : 1px solid #fff;  
}  
  
.edu_breakdown th.day_col, .edu_breakdown td {  
width : 40px;  
max-height : 24px;  
padding : 2px 7px;  
}  
  
.edu_breakdown td img {  
vertical-align : middle;  
}  
  
.edu_breakdown_key {  
margin-top : 15px;  
}  
  
.edu_breakdown_key img {  
margin-right : 7px;  
float : left;  
margin-top : -3px;  
}  
  
.edu_breakdown_key div {  
font-size : 8pt;  
width : 175px;  
vertical-align : middle;
```

```
}

.edu_pullquote {

float : right;

margin : -4px 0 auto 20px;

padding-left : 20px;

width : 150px;

border-right : none;

border-left : 1px solid #D5C9BA;

}

div.toggle1, div.toggle2, div.toggle3, div.toggle4, div.toggle5, div.toggle6, div.toggle7, div.toggle8, div.toggle9, div.toggle10 {

margin-left : 0;

width : inherit;

display : none;

}

div.reveal1, div.reveal2, div.reveal3, div.reveal4, div.reveal5, div.reveal6, div.reveal7, div.reveal8, div.reveal9, div.reveal10 {

margin-left : 0;

}

@media print {

div.toggle1, div.toggle2, div.toggle3, div.toggle4, div.toggle5, div.toggle6, div.toggle7, div.toggle8, div.toggle9, div.toggle10 {

display : block !important ;

visibility : visible;

}

div.reveal1, div.reveal2, div.reveal3, div.reveal4, div.reveal5, div.reveal6, div.reveal7, div.reveal8, div.reveal9, div.reveal10 {
```

```
display : none;  
}  
}  
  
.edu_grid .classroom {  
  
background-color : #f3f3f3;  
  
margin-top : -11px;  
  
padding : 12px;  
  
width : 490px;  
  
height : 183px;  
}  
  
.edu_grid .classroom p.nav {  
  
text-align : center;  
  
padding : 10px 17px 10px 315px;  
}  
  
.edu_grid .classroom p {  
  
padding-left : 20px;  
}  
  
.edu_grid .classroom img.photo {  
  
float : left;  
  
margin : 0 15px 2px 0;  
  
border : #000 solid 1px;  
}  
  
.edu_grid .classroom img {  
  
border : none;  
  
vertical-align : text-bottom;
```

```
}

.textSlide {
    width : 490px;
}

#slider {
    width : 490px;
    height : 183px;
    list-style : none;
    margin : 0;
    padding : 0;
    overflow-y : hidden;
    overflow-x : hidden;
    margin-bottom : 0 !important ;
}

.anythingSlider-default .anythingWindow {
    border : none;
}

.anythingSlider-default .anythingControls a {
    background : url(..../images/default.png) center -288px repeat-x #777;
    color : #000;
    border-radius : 0 0 5px 5px;
}

.anythingSlider-default .anythingControls a span {
    visibility : visible;
}
```

```
.anythingSlider-default .anythingControls a.cur {  
background : #888;  
color : #000;  
}  
  
.anythingSlider-default .anythingControls a.start-stop {  
background-color : #040;  
color : #ddd;  
}  
  
.anythingSlider-default .anythingControls a.start-stop.playing {  
background-color : #800;  
}  
  
.anythingSlider-default .anythingControls a.start-stop:hover, .anythingSlider-default .anythingControls a.start-stop.hover, .anythingSlider-default .anythingControls a.start-stop .anythingControls ul a:hover {  
background-image : none;  
color : #ddd;  
}  
  
.anythingSlider-default.activeSlider .anythingWindow {  
border-color : #7C9127;  
}  
  
.anythingSlider-default.activeSlider .anythingControls a {  
background-color : #7C9127;  
}  
  
.anythingSlider-default.activeSlider .anythingControls a.cur, .anythingSlider-default.activeSlider .anythingControls a:hover {  
background : #7C9127;  
}
```

```
.anythingSlider-default.activeSlider .anythingControls a.start-stop {  
background-color : #080;  
color : #fff;  
}  
  
.anythingSlider-default.activeSlider .anythingControls a.start-stop.playing {  
background-color : #d00;  
color : #fff;  
}  
  
.anythingSlider-default.activeSlider .start-stop:hover, .anythingSlider-default.activeSlider .start-stop.hover {  
color : #fff;  
}  
  
.anythingSlider-default .arrow {  
top : 0;  
position : absolute;  
display : block;  
left : 317px;  
}  
  
.anythingSlider-default .forward {  
left : 426px;  
}  
  
.anythingSlider-default .forward a {  
background-position : right top;  
}  
  
.anythingSlider-default .forward a:hover, .anythingSlider-default .forward a.hover {  
background-position : right -140px;
```

```
}

.anythingSlider-default .anythingControls {
outline : 0;
display : none;
}

.anythingSlider-default .anythingControls ul {
margin : 0;
padding : 0;
float : left;
}

.anythingSlider-default .anythingControls ul li {
display : inline;
}

.anythingSlider-default .anythingControls ul a {
font : 11px/18px Georgia, Serif;
display : inline-block;
text-decoration : none;
padding : 2px 8px;
height : 18px;
margin : 0 5px 0 0;
text-align : center;
outline : 0;
}

.anythingSlider-default .anythingControls .anythingNavWindow {
overflow : hidden;
```

```
float : left;  
}  
  
.anythingSlider-default .anythingControls .start-stop {  
  
padding : 2px 5px;  
  
width : 40px;  
  
text-align : center;  
  
text-decoration : none;  
  
float : right;  
  
z-index : 100;  
  
outline : 0;  
}  
  
.as-oldie .anythingSlider-default .arrow {  
  
top : 30%;  
}  
  
.as-oldie .anythingSlider-default .arrow a {  
  
margin : 0;  
}  
  
.as-oldie .anythingSlider-default .anythingControls li {  
  
margin-left : 3px;  
}  
  
.as-oldie .anythingSlider-default .anythingControls a {  
  
margin : 0;  
}  
  
.as-oldie .anythingSlider-default .anythingNavWindow {  
  
margin : 0 2px;
```

```
}

.as-oldie .anythingSlider-default .anythingNavWindow li {

padding : 3px 0 0 0;

}

.anythingSlider {

display : block;

overflow : visible !important ;

position : relative;

}

.anythingSlider .anythingWindow {

overflow : hidden;

position : relative;

width : 490px;

height : 100%;

}

.anythingSlider .anythingBase {

background : transparent;

list-style : none;

position : absolute;

overflow : visible !important ;

top : 0;

left : 0;

margin : 0;

padding : 0;

}
```

```
.anythingSlider .arrow span {  
    display : block;  
    visibility : hidden;  
}  
  
.anythingSlider .arrow.disabled {  
    display : none;  
}  
  
.anythingSlider .panel {  
    background : transparent;  
    display : block;  
    overflow : hidden;  
    float : left;  
    padding : 0;  
    width : 490px;  
}  
  
.anythingSlider .vertical .panel {  
    float : none;  
}  
  
.anythingSlider .fade .panel {  
    float : none;  
    position : absolute;  
    top : 0;  
    left : 0;  
    z-index : 0;  
}
```

```

.anythingSlider .fade .activePage {
z-index : 1;
}

.anythingSlider.rtl .anythingWindow {
direction : ltr;
unicode-bidi : bidi-override;
}

.anythingSlider.rtl .anythingControls ul {
float : left;
}

.anythingSlider.rtl .anythingControls ul a {
float : right;
}

```



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Clifton Fonstad Jr.. 6.772 *Compound Semiconductor Devices*, Spring 2003. (Massachusetts Institute of Technology: MIT OpenCourseWare), <http://ocw.mit.edu> (Accessed 8 Feb, 2015). License: [Creative Commons BY-NC-SA](#), accessed on February 8, 2015.