Presentation Grading

On the Fly....as students present

5-Minute Presentation

In order to apply all the advice you received and further refine your skills, we will do a second round of the 5-minute presentation of your specific aims this semester under the same guidelines at during the fall semester. To sign up for a presentation slot, go to this Doodle Poll ₁₂, and select one option.

http://www.doodle.com/mm89vkzi332vxze3 🛃

Please submit a pdf version of your slides at the latest just before your presentation.

Bioengineering 6061: Presentations

Mechanics of Writing

Mechanics of Writing

Mechanics of Writing

1

🖋 Edit





Word Rage

Remember "Death by Powerpoint"?

Word does too much and it does it without asking you!

> Like moving figures around, or creating lists you did not want.



Sometimes moving one thing can mess up your whole document!

> It always feels like I have to trick Word into doing what I want.

James Hayton

Bioengineering 6061: Presentations

http://3monththesis.com/writing-a-thesis-word-or-latex/ Mechanics of Writing



Mechanics of Writing

http://www.lamport.org/





Grupo																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
IA	IIA	IIIB	IVB	VB	VIB	VIIB		VIIIB		IB	IIB	IIIA	IVA	VA	VIA	VIIA	VIIIA
1 H 1,01																	He 4,00
3 Li 6,94	4 Be 9,01	$\begin{array}{cccc} {}^5 & {}^6 & {}^7 \\ {}^{\mathbf{B}} & {}^{\mathbf{C}} & {}^{\mathbf{C}} \\ {}^{12,01} & {}^{12,01} & {}^{14,01} \end{array}$								7 N 14,01	8 0 16,00	9 F 19,00	10 Ne 20,18				
11 Na 22,99	12 Mg 24,31							13 Al 26,98	14 Si 28,09	15 P 30,97	16 S 32,06	17 Cl 35,45	18 Ar 39,95				
19 K 39,10	20 Ca 40,08	${\overset{21}{{ m Sc}}}_{{ m 44,96}}$	${\overset{22}{{f Ti}}}_{47,90}$	23 V 50,94	${\mathop{\mathbf{Cr}}\limits_{{}^{52,00}}^{24}}$	${\mathop{{\rm Mn}}\limits_{{}^{54,94}}}^{{}^{25}}$	${\overset{26}{{ m Fe}}}_{_{55,85}}$	$\overset{27}{\text{Co}}_{58,93}$	$\sum_{58,71}^{28}$	$\overset{29}{\underset{63,55}{\overset{29}{}}}$	${\overset{30}{{ m Zn}}}_{_{65,38}}$	69,72	32 Ge 72,59	33 As 74,92	34 Se 78,96	35 Br 79,90	36 Kr 83,80
37 Rb 85,47	38 Sr 87,62	39 Y 88,91	${\overset{40}{\mathbf{Zr}}}_{_{91,22}}$	$\overset{41}{\underset{92,91}{\mathbf{Nb}}}$	$M_{95,94}^{42}$	${{{f Tc}}\atop_{_{(98)}}^{_{43}}}$	${\mathop{\rm Ru}\limits_{}^{44}}$	${\mathop{\bf Rh}\limits_{_{102,91}}^{_{45}}}$	$\mathop{\mathbf{Pd}}\limits_{{106,4}}^{{46}}$	47 Ag 107,87	$\overset{48}{\mathbf{Cd}}_{_{112,40}}$	49 In 114,82	50 Sn 118,69	51 Sb 121,75	52 Te 127,60	53 I 126,90	54 Xe 131,30
55 Cs 132,91	56 Ba 137,34	57 La* 138,91	$\overset{72}{\mathbf{Hf}}_{178,49}$	$\overset{73}{\text{Ta}}_{_{180,95}}$	$\overset{74}{W}_{183,85}$	75 Re 186,21	$\overset{76}{\mathbf{Os}}_{190,2}$	${\overset{77}{{\rm Ir}}}_{_{192,22}}$	$\Pr^{78}_{195,09}$	${\mathop{\rm Au}\limits_{}^{79}}_{196,97}$	${\overset{80}{\text{Hg}}}_{200,59}$	81 Tl 204,37	82 Pb 207,2	83 Bi 208,96	84 Po (209)	85 At (210)	86 Rn (222)
87 Fr (223)	88 Ra 226,03	89 Ac** (227)	${\mathop{\bf Rf}\limits_{(261)}}^{104}$	$(262)^{105}$	106 Sg (263)	$\overset{107}{\mathbf{Bh}}_{(262)}$	$\overset{108}{\mathbf{Hs}}_{(265)}$	${\displaystyle \mathop{\rm Mt}\limits_{_{(266)}}}^{109}$	$(269)^{110}$	111 Uuu (272)	112 Uub (277)	113 Uut (282)					
*Lanta	anídeos	58 Ce 140,11	$\Pr^{59}_{140,91}$	$\overset{60}{\mathbf{Nd}}_{144,24}$	${\mathop{{\bf Pm}}\limits_{_{(145)}}^{_{61}}}$	${\stackrel{62}{{ m Sm}}}_{_{150,36}}$	$\overset{63}{{ m Eu}}_{_{151,96}}$	$\overset{64}{\mathbf{Gd}}_{157,25}$	${\overset{65}{{f Tb}}}_{158,92}$	$\overset{66}{\mathbf{Dy}}_{_{162,50}}$	$\overset{67}{Ho}_{164,93}$	68 Er 167,26	${\overset{69}{{ m Tm}}}_{{ m 168,93}}$	70 Yb 173,04	71 Lu 174,97		
**Actinídeos		${\overset{90}{{f Th}}}_{_{232,04}}$	91 Pa 231,04	$\overset{92}{\mathbf{U}}_{_{238,03}}$	$\overset{93}{\text{Np}}_{_{237,05}}$	${\mathop{\bf Pu}\limits_{^{(244)}}}^{94}$	$\mathop{\rm Am}\limits_{\scriptscriptstyle (243)}^{95}$	$\mathop{\mathbf{Cm}}_{(247)}^{96}$	97 Bk (247)	${\overset{98}{\text{Cf}}}_{^{(251)}}$	99 Es (252)	$\mathop{\mathbf{Fm}}\limits_{^{(257)}}^{100}$	$\mathop{\mathbf{Md}}\limits_{^{(258)}}$	102 No (259)	103 Lr (260)		
Metais				Metalóid	es	M	Metais de transição			Não-metais			Gases nobres				
Igineering 6061: Presentations Mechanics of Writing																	



Bioengineering 6061: Presentations

Mechanics of Writing

Neighborhood News

It is winter. It is cold. And the power is off... again.

Emigration Oaks Property Owners Association, Inc.

Winter 2009

In this issue

- · Your Board Members
- Keep Our Trails Clean
- Emigration Oaks Web Sites
- Trail Mess
- Snow Removal
- Election News
- Road Construction
- Emigration Oaks Directory Oaks Email List on Yahoo
- Winter Cycling
- Power 24/7 • Barking Dogs

Keep Trails Clean

Please help keep our trail clean!

Bioengineering 6061: Presentations

tech and high farce that has many of us sitting in the dark. We've all seen the power poles being replaced along the Emigration Canyon Rd. and heard the promises of better service to come. For the past 30 hours, however, we have all learned what it is like to live without electricity—without warning and without any news of when we will get it back. Thanks Rocky Mountain Power for this great improvement in service! The high tech part is that at our house, we were smart or lucky enough to install a generator and so we are the only house on our street showing any lights. In fact, there is enough power to drive my laptop and the lights in

From the Editor: Winter Wonders!

Each week I try and protect a day from meetings and teaching so I can do some research, write some papers, on a rare week even go skiing. This plan does not always work, but when it does, I have the best day of my week! This week, I figured it was time to write the Neighborhood News.

But this week, I also have a special setting, a strange combination of high

my office, and all my wonderful gadgets. However, the power outage has disconnected my modem, killed our phone line, and shut down the local AT&T cell tower. As a result, I have not felt so disconnected from the larger world since I bought my first cell phone! I don't worry though, because I know I have neighbors around. I am in a

community and when all else fails, it is the people, you people, who matter most. So here it is, the winter 2008/09 newsletter, written from my tiny, isolated island of technology, to all of you, my neighbors and friends. Rob

Trails Wasted on(by) our Dogs

Your Board Members

Quick! Name three members of the EOPOA Board! There have been some changes since last year so read on to learn more. Larry Braby: In only his second year as Board member, Larry Braby: In only his second year as Board member, Larry, like a fine wine, is a rich vintage and has risen to the position of President and Treasurer of the Board. He served 4 years on the Emigration Canyon Community Council, two as Chairman. Larry retired 15 years ago from the JC Penney Company where he was a division controller. Larry and his wife, Eula, enjoy traveling, skiing, and a good tennis game.









the Oaks, and expect to stay for inany years to conce. Jeanniae Bernett: Jeannice is now in her second year of Board membership and is responsible for helping us all fig-ure out the CGR's and find ways to live with them, which is probably the most challenging task on the Board. Jean-nine is an insurance defense atomet, community volunteer, dog trainer, and probably qualifies as the most underage grandma on the Board. gramming on une Dourd. Chris Lehman: Chris is a newcomer to the Board but has assumed one of the most challenging roles in chairing the architectural committee. Chris' skills as a biochemist and his success in the biotech riduxry and as a financial man-ager make him a natural choice for his position; his calm demeanor and level head make him an inspired one for over-seeing the construction in the Oaks.





Kathy Christensen: Kathy is a longstanding Board mem-ber and, aside from her husband, Jack, perhaps the best known face in the community. She focuses her activities on safety and security, especially fire awareness and has writ-ten two successful FEMA grants for fire prevention. Kathy also helped create the Neighborhood Watch program and is active on the security committee.

Steve Bott: Steve is in third year and responsible for road planning, maintenance, and repair. Steve has been a resi-dent of the Oaks since 2005 and an Emigration canyon res-ident since 1996. Steve is an anesthesiologist and avid out-doorsman and hoops to maintain and improve our common areas and our access to adjacent public land and continue to make the Oaks agreent place to live.

11

What You Can Do With LaTeX

Mechanics of Writing

Real-time MRI guided radio frequency ablation for patients with atrial fibrillation

> Robert S. MacLeod^{1,2,3,4} and Nassir Marrouche¹ ¹Comprehensive Arrhytymia Research and MAnagement (CARMA) Center University of Utah Salt Lake City, UT 84112

> > ²Scientific Computing and Imaging Institute University of Utah Salt Lake City, UT 84112

> > > ³Depatment of Bioengineering University of Utah Salt Lake City, UT 84112

⁴Cardiovscular Research and Training Institute University of Utah Salt Lake City, UT 84112

Email: macleod@sci.utah.edu and nassir.marrouche@hsc.utah.edu

Bioengineering 6061: Presentations

Mechanics of Writing

Real-time MRI guided radio frequency ablation for patients with atrial fibrillation

Robert S. MacLeed^{11,12} and Massir Mannach²¹, Camprotensive Arthytyme Research and Managemet (ARRAIA) Conner University of Usin SacLue Gr, UT 1941 (2014) SacLue Gravit (2014)

University of Utah Sat Lake City, UT 94112 indiovscular Research and Training Institute University of Utah Sat Lake City, UT 94112 d@sci.utah.edu and nassir.marrouche@hsc.utah.edu

ELECTROCARDIOGRAPHIC MAPPING AND CHARACTERIZATION OF MYOCARDIAL ISCHEMIA

by

Shibaji Shome

A dissertation submitted to the faculty of The University of Utah in partial fulfillment of the requirements for the degree of

Doctor of Philosophy

Bioengineering 6061: Presentations

Mechanics of Writing

The LaTeX Philosophy

Separate the writing from the document creation

Let the computer keep track of things

Support clean structure

Make shareable document and shareable templates

Extend the language through packages

Visible markup is more powerful than hidden "smart" commands

Bioengineering 6061: Presentations

Mechanics of Writing

The LaTeX Process

\begin{document}

\title{Notes for Lab \#1: Dissection}
\author{2012: Rob, Brian, Brett, and the legacy of great TA's}
\maketitle

\tableofchildlinks

\section{Introduction}

This Lab allows you to identify and compare the size, shape and tissue type of the major anatomic landmarks of the heart and lungs. The goal of the lab is not, however, just to observe anatomy but to associate structure with function. The heart is a pump for blood that comes into the right atrium, goes out through the right ventricle, returns through the left atrium, and leaves again through the left ventrical. Imagine this is all the information you had and imagine you are the first person to be permitted to dissect one. Try and figure out what the various components are, how each works, especially how the shape, composition, and even texture of each part contributes to its function.

\section{Reference material}

\begin{itemize}

\item \htmladdnormallink{www.hometrainingtools.com}
 {http://www.hometrainingtools.com/article.asp?ai=1318&bhcd2=1263563424}
 from the \htmladdnormallink{Home Science Tools}
 {http://www.hometrainingtools.com} web site.
 \item
 \htmladdnormallink{www.gwc.maricopa.edu/class/bio202/heart/anthrt.htm}
 {http://www.gwc.maricopa.edu/class/bio202/heart/anthrt.htm}
 form the
Bioengineering %Mimir@adhdynmallink{Biological Science Science Additional
 {http://www.awc.maricopa.edu/class/bio202/index.htm}

15

The LaTeX Process

Notes for Lab #1: Dissection

2012: Rob, Brian, Brett, and the legacy of great TA's

January 11, 2012

1 Introduction

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2 Reference material

- www.hometrainingtools.com from the Home Science Tools web site.
- \bullet www.gwc.maricopa.edu/class/bio
202/heart/anthrt.htm from the Biological Sciences Home-Page
- Both lung photos faculty.washington.edu/kepeter/119/images/lung_sections.htm and heart photos faculty.washington.edu/kepeter/119/images/heart_sections.htm from Karen Petersen at the University of Washington.
- Even a YouTube video

Bioengineering 6061:

Figure 1 shows a diagram for the cow heart geometry that will be useful during the dissection.

The LaTeX Process							
\begin{document}							
\title{Notes for Lab \#1: Dissection} \author{2012: Rob, Brian, Brett, and the legacy of great IA's} \maketitle							
\tableofchildlinks	Notes for Lab $#1$: Dissection						
\section{Introduction}	2012: Rob, Brian, Brett, and the legacy of great TA's						
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\section{Reference material} \begin{itemize}	through the left vertical. Imagine this sall the information you had and imagine you are the first person to be permitted to dissect one. Try and figure out what the various components are, how each works, especially how the shape, composition, and even texture of each part contributes to it function						
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\end{itemize}. Mechanics	of Writing						







Mechanics of Writing

GOt to Here on FEb 11

Bioengineering 6061: Presentations

Mechanics of Writing

Figures

\begin{figure}[!ht]
 \centering
 \includegraphics[width=100mm]
 {./Figures/NonConformal}
 \caption{\label{fig:Conformal}
 \textbf{A comparison of the replicated
 boundary between two material types
 using conformal, or a boundary fitting
 meshing algorithm, and without conformal
 meshing techniques. } The solid red line
 in this figure represents the original
 boundary between the two materials.
 Figure A shows a meshing algorithm ... }
 \end{figure}



Bioengineering 6061: Presentations

Mechanics of Writing



24



Comparison of the tools

Reference Management Software: a Comparative Analysis of Four Products

7

	CiteULike	Mendeley	RefWorks	Zotero
Import from bibliographic databases	2	3	4	5
Gather metadata from PDFs	N/A	5	N/A	2
Organize citations in RM	4	5	5	5
Annotate citations	4	5	4	4
Share library	4	4	1	3
Exchange data with other RMs	5	5	4	5
Format citations in multiple styles	1	3	5	3
Integrate with word processors	N/A	5	2	5
Sum	20	35	25	32

Table 3: Our ratings of the feature sets of the four RMs on a scale of 1 to 5, with 5 being best.

http://www.istl.org/11-summer/refereed2.html Mechanics of Writing







