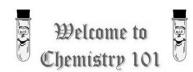
Chemistry 101-Instructor's Media





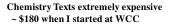


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My Blackboard Site

Now > 4400 hours development time



So.

My Blackboard site was designed to be independent of texts Everything needed for an A grade was put on the site Typically ~ 90% students using "my stuff" get an A or B

When WCC demanded intellectual property rights to everything, I removed "my stuff" from Blackboard.

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As of Fall semester, 2015

Documents authored by the instructor have been removed from Blackboard to protect instructor's intellectual property rights

Their location in Blackboard Site Guide has been preserved (to assist in knowing what is available)

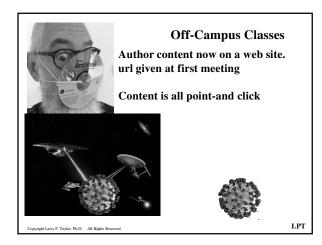
Registered students will have access to instructor authored materials Media access available during first class meeting



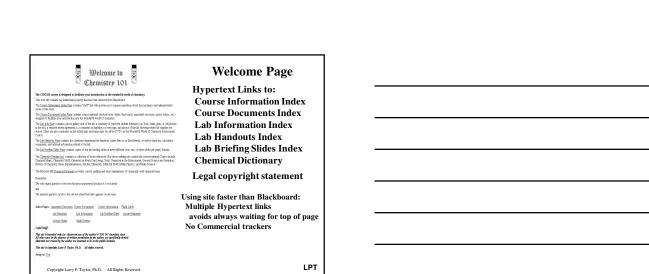
THANK YOU
FOR NOTICING THIS
NEW NOTICE
YOUR NOTICING IT
HAS BEEN NOTED



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Instructor's Web Site: Entry Point Welcome to Chemistry 101 Click on Start Here to enter the site Click on Start Here to launch the site





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Course Information - 1

Hypertext Links to: Site Guides **Blackboard Site Guide** FunChemistry Web Site Comments on Cell Phone Concerns No Cells Slide Set (~ 129 slides) Firstenberg on health concerns **Cell Phone Addiction Stats** Facebook & Academic Performance **British Economic Council Study** Social Media & Academics **Texting & Academics** Texting & Multitasking

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| Course | Administration | Procedures | |
|--------|----------------|------------|--|

Why I Do Not Take Breaks

Class Topics

Grade Postine Schedule

Need 2 Print

Chemistry 101 Is Different

Why Thought Que

Course Information - 2

Hypertext Links to: Course Administration **Lecture Procedures** Why I Don't Take Breaks Lecture Topics (From Syllabus) **Grade Book Item Percentages Grade Posting Schedules** Need 2 Print? **Document Formats** Why CEM 101 is different Follow Directions Fun Quiz Why Thought Questions



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Course Information - 3

Course Administration (Continued) No Email Response Notice of Removal Material Why Blackboard Stuff Removed Why Instructor Media

Hypertext Links to:

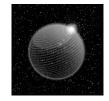


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Course Information - 4

Hypertext Links to: Stuff For Enlightenment Follow Directions Quiz Internet Credibility Sites My Standards Tall Poppy Syndrome



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Annotated Outcomes Course Documents Flash Cards Lab Handouts Lab Inform
Lab Briefing Slides Lecture Materials Lecture Slides Math Reciency

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Course Information - 5

Hypertext Links to: Instructor Information $Background \, / \, Credentials$ **Home Office Photos** Why I Wear A Mask **Letters of Recommendation**

Legal Stuff





Course



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Course Documents - 1

Hypertext Links to: Math Review **Lecture Materials** Lecture Slides **Annotated Outcomes**



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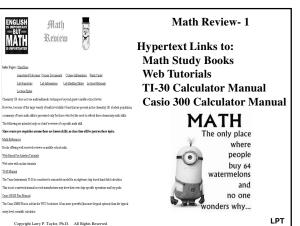
4

These are two sets of flash cards to assist in learning stuff that needs to be memorized Chemistry Reading List A collection of twice effective. (For those resting and wasted the convert natural) Topic rachide Chemical Maye, Chemically shall, Chemically all large (Tourist, Thirds Chemical) at the Entertransia, Closed Statuse and Inventor, Heldery of Chemicaly, Marie Experimentation, Kirchen Chemicaly, Links Statuse. Hyppertext Links to: Flash Cards and Marie Experimentation, Kirchen Chemicaly, Links Statuse. Flash Cards Introductory Chemistry This an open owere introductory chemistry test in pdf format. It is not required for class; it is provided as an additional study resource Index Pages: Start Here Annotated Outcomes Course Information Plash Cards Lab Handouts Lab Information Lab Briefing States Lecture Materials This site is copyright Larry P. Taylor, Ph.D. All rights reserved. Jump to: Top

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Course Documents - 2 Chemistry Reading List Introductory Chemistry text

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Math Review- 2 **Hypertext Links to: Exponent Operations** Rounding Logarithms **Rearranging Equations Fractions Decimals Fraction Conversions** Percent Graphing **WARNING** This site is intended only for classorous use of the author's CEM 101 chemistry class. All other uses, in the obsence of writing personalised by the surface, are specifically denied Materiells not enemal by the author use assessed to be in the public denieds. 3 OUT OF 2 PEOPLE HAVE TROUBLE WITH FRACTIONS LPT

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Lecture Materials-1



Lecture



w for the unit enum), lockure notes (synched to lockure slides), and option and optional material such as charts sensit states and assess on related

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Units 0: First Day Hypertext links: Lecture Notes synched to slides Stuff to memorize ACS Chemistry Promo Diet Coke-Menthos Experiment

Unit 1: Matter /Energy Hypertext links: **Expected Learning Outcomes** Notes synched to lecture slides Matter classification scheme Extra practice quiz (and answers)

LPT

Lecture Materials-2

Required instroklelys for Unit Test 1

Exposerts Lactus Notes

Extra Practice Problems

Number Symbols Comment on the origin of our modern 1-3 symbols for counting numbers

Unit 13 - Significant Figures and Rounding Descrip-

Density Lecture Finter

All and Silvert Rule

Determining Muscles Of Sig Figs

Hern The Back To Board Mode Takes on Signaforest Figures and Receiving (2-53) Mode Video on Significant Figures

Esta Pactice Poblem

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Hypertext links: Expected Learning Outcomes Notes synched to lecture slides

Extra practice quiz (and answers) Comments on Numbers Fantastic journey slide show

Unit 3: Rounding & Sig Figs Hypertext links: Expected Learning Outcomes
Notes synched to lecture slides
Extra practice quiz (and answers)
Music videos on sig figs & rounding

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Unit 4: Atoms & Periodic Table Hypertext links: **Expected Learning Outcomes**

Notes synched to lecture slides Extra practice quiz (and Answers) Videos on atomic related topics Words and music to the Element Song

Unit 5: Nomenclature Hypertext links:
Expected Learning Outcomes
Notes synched to lecture slides
Naming Flow chart Extra practice quiz (and Answers) Extra Credit Naming Exercise

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Lecture Materials-3

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| | ure Materials-4 | |
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| Mora Molas Lactum Rotas Empirical Formula Lactum Rotas | Unit 6: More Moles | WENTER IV |
| Toloncias Seactions Lecture Motor | Hypertext links: | |
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| <u>Chemical Reactions</u> When on chemical reaction types (5.12) | 140tes synched to lecture sindes | |
| <u>Extra Practice Problems</u> For three wanting extra practice not collected or graded discress Fax Extra Practice | Extra practice quiz (and answers | |
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| Agreem To Practice Least | Unit 7: Stoichiometry | |
| Unit 67 – Stolchismetry and Yields | Hypertext links: | |
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| Unit #8 - Garer | | |
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| Assessed To Fractise Intest Limit ICL and Lots of Frac Poss Balk Video demonstrating power of expending good (4:36) | Practice Insert (and answers) | |
| | Video on liquid nitrogen expansion | |
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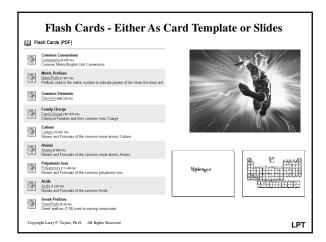
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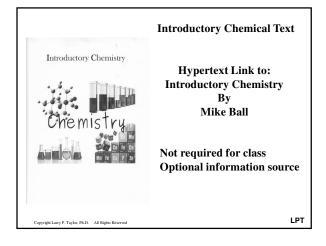
Handout Slide Formats: Color One, Two or Three Slides per page for different printing needs Dark Background: $Best\ for\ human\ perception\ /\ learning$ Minimizes eye fatigue **Handout Slide Format: Black & White** Primarily for taking notes 3 Slides per page Color reversal: minimizes black ink use lower printing costs But, Microsoft Clip Art: Cannot be exported in B&W Will print in color Unless Printer is only black ink Copyright Larry P. Taylor, Ph.D. All Rights Reserved LPT **Learning Outcomes (Annotated)** Chemistry Department Unit Educational Objectives (Stuff on the test) Annotated with lecture slide material illustrating the specific objective: Define the following relating to changes and properties: Physical Property Observed without forming new substance Described by senses Color, shape, odor, taste Measurable mp, bp, density **Physical Change** New form of same substance No new substance (chemical entity) formed

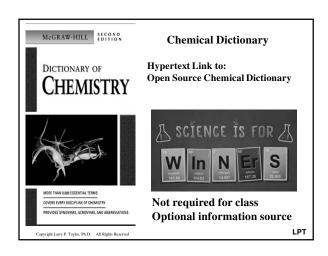
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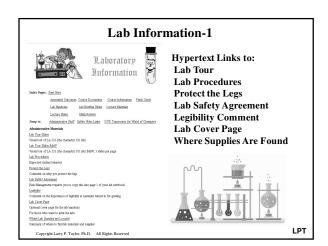
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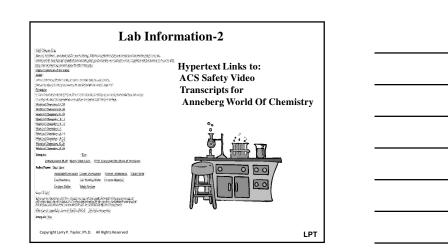


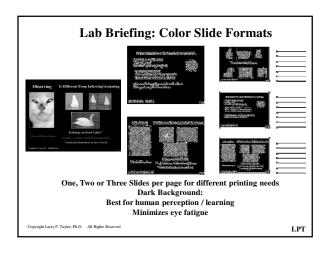


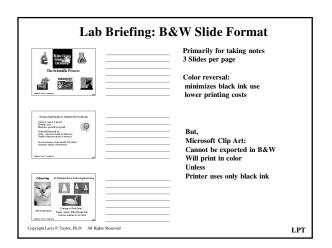




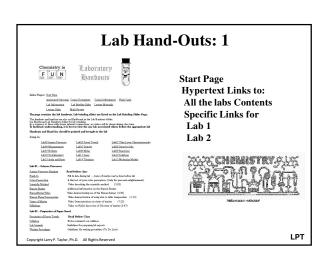




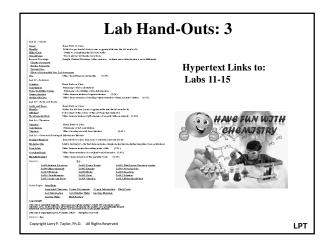


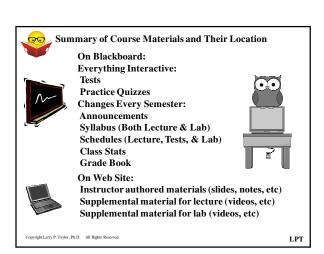


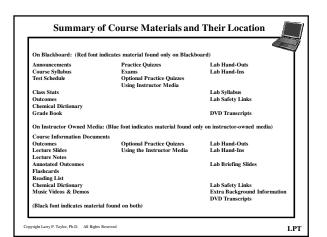
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| | Lab Hand | d-Outs: 2 |
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| Lab #3 – Thin Layer Chose Decembersole | mategraphy Real Before Class | |
| Theory Of Colon | Buckground information on onlor formation (Only for personal enlightenment) | |
| TEC | Video azimation analogy of this layer chromotography (1:40) | |
| TLC Theory | Video animation of TLC theory (4.28) | |
| Lab 94 - Measurements | | Hypertext Links to: |
| Measurements | Read Before Class | • • |
| Meanuscents Mictory | Video substation of the history of measurements (3:03) | Labs 3 - 10 |
| Lab 85 - Dennity | | Lubs 5 10 |
| Denite Calculations | Read Refere Class Summer of his calculations | |
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| Density Torons | Who description on holding a town of 9 different colored liquid: (1:24) | |
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| Evolution Drinks | Video on regar content of popular habitation deals (6-48) | 450.00 |
| | Cooper (ID Sulfate Pentukedrate | (7) |
| Evolutor | Read Before Class | |
| Calculations | Summary of lab calculations | |
| Thornal Decomposition | Video demonstration of loss, then gain of water from copper militie (1:35) | AT VALLET AND TO |
| Lab 88 - Meler | | CHEMISTRY |
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| Calculations | Summary of lab calculations | - WOLL THE |
| Lab 89 - Chemical Beaction | | PUN |
| Chemical Reactions Handle | Head Before class Table for completing data and chemical reactions (sures copying table into the lab notabook). | |
| Chemical Seartiers | Video demonstration of major exection types (5.09) | |
| Lab 28 - Strickingster | 9,000 | |
| Stoichiometry | Read Sefere Class | |
| Calculations | Summary of Salt calculations | |
| SodiumCabonata | Video demonstration of the reaction between HagOUs and HCI (1.08) | |
| Commission Committee | Taylor, Ph.D. All Rights Reserved | |
| | | LF |







Using the Instructor's Stuff: Express lane on the road to success $% \left\{ 1,2,...,2,...\right\}$





Any problems / Issues: Contact Instructor lptaylor@wccnet.edu use CEM 101 in Subject Line

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