

ALEKS

A(ssessment) and **LE**(arning) in **K**(nowledge) **S**(paces)

- An on-line tutorial system (www.aleks.com) that is tailored to you.
- Combination of assessment and learning objectives.
- Half of ALEKS grade is based on objectives, and the other half is based on **final** assessment.
- Refer to separate ALEKS document for web site and course code.
- You are responsible for keeping track of deadlines in ALEKS.

ALEKS: Structure

- ALEKS consists of two activities:
 - **Assessment:** A 25-30 question exam to see what skill you possess.
 - **Objectives:** A collection of topics that must be completed by a due date.
- After you complete an objective, you will take an assessment.
- You may complete all of the topics in an objective, but after the assessment ALEKS may take away some of those topics. Do not worry, you receive full credit in the gradebook for completing the objective.
- You should have completed the initial assessment by now.

ALEKS: Student Environment

ALEKS®

HELP | WORKSHEET | GRADEBOOK | INBOX | REPORT | OPTIONS | EXIT

MyPie | Review

ALEKSpedia

Calculator

Data

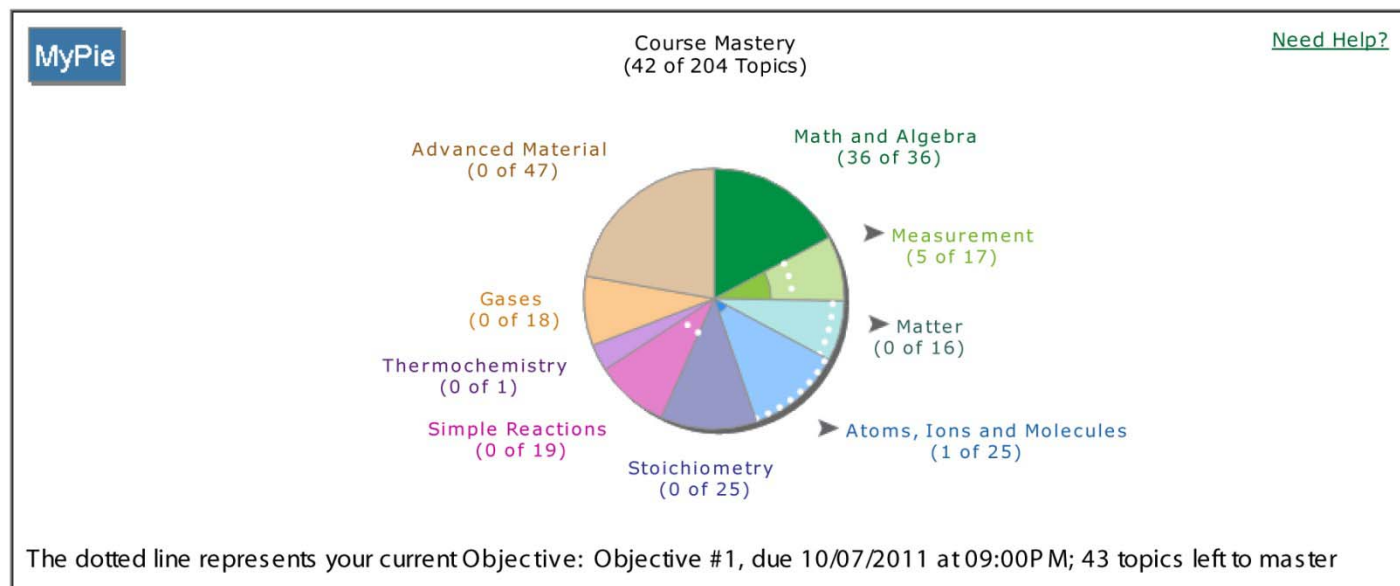
Per. Table

Homework

Calendar

Gen Chem Q1

General Chemistry (First Quarter)



White dots = where you should be when done with the current objective.

ALEKS: Student Environment

You can also see progress using the objective tabs below the pie!

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[MyPie](#) | [Review](#) | [ALEKSpedia](#) | [Calculator](#) | [Data](#) | [Per. Table](#) | [Homework](#) | [Calendar](#) | Gen Chem Q1

(0 of 19)

Stoichiometry
(0 of 25)

(1 of 25)

The dotted line represents your current Objective: Objective #1, due 10/07/2011 at 09:00PM; 43 topics left to master

[Objective #1 \(10/07\)](#) | [Objective #2 \(10/14\)](#) | [Objective #3 \(10/21\)](#) >>

[close](#)

Your current Objective: Objective #1 is due 10/07/2011 at 09:00PM.

6 goal topics are available in your pie now.

- Distinguishing elements and compounds
- Distinguishing solid, liquid and gas phases of a pure substance
- Names and symbols of important elements
- Understanding periods and groups of the Periodic Table
- Identifying the parts of an atom
- Understanding the prefixes used in naming binary compounds

34 goal topics will become available when you are ready.

- Estimating the volume in liters of a square prism object
- Finding the side length of a cube from its volume in liters
- Estimating the volume in liters of a spherical object
- Estimating the volume in liters of a cylindrical object
- Calculating volume by combining the volume of simple shapes
- Distinguishing compounds and mixtures

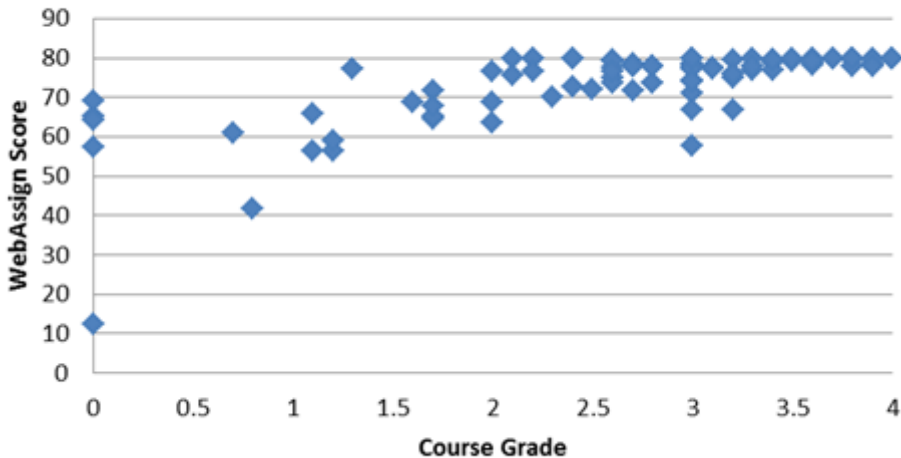
ALEKS: Details

- You're responsible for keeping track of objective due dates (dates are provided in ALEKS).
- You need to pace yourself. Don't work way ahead just to get it done. Also, don't wait until the night before to try and finish an objective.
- Perform assessments to the best of your ability. Not trying on an assessment will require you to do more work!
- Half of your grade will be based on how you do on objectives. Other half depends on your **final** assessment.

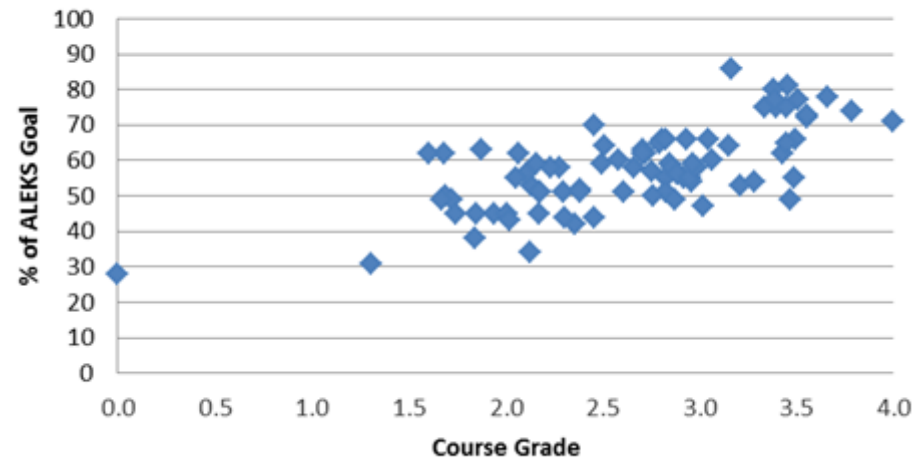
CHEM 152: Su09 vs. Su10

- WebAssign used Summer 2009, ALEKS used Summer 2010

Su09 152: WebAssign Score vs. Course Grade



Su10 152: % of ALEKS Goal vs. Course Grade



Student Comments on ALEKS

- “I liked the fact that it focused on material that you didn’t know, instead of wasting time going over stuff you already have learned.”
- Simple and to the point.
- Explained how to do problems (the “explain tool”).
- The pie chart...ability to see progress.