

iPrep

GEN

CHEM

FALL 2021

PREP

INTENSIVE



WHO

Anyone taking CHEM 1000 or CHEM 2031.
Anyone taking the General Chemistry Assessment Test (GCAT)
Anyone wanting to learn or practice how to use a scientific calculator



WHAT

PART 1:

Significant Figures
SI Units
Dimensional Analysis
Chemical Formulas
Atomic Number vs Mass
Study Tips

PART 2:

Naming Chemical Compounds
Molar Mass
Avogadro's Number
Interconverting between Grams, Moles, Molecules & Atoms
Percent Mass
Balancing Chemical Equations
Stoichiometry
Limiting Reagent

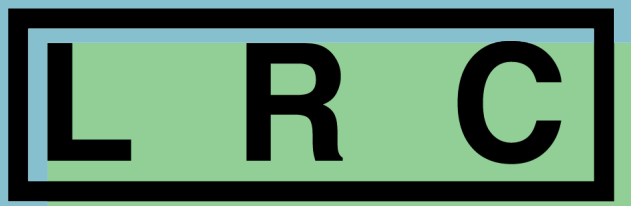


WHEN

PART 1 :
8/11 -- 11:30am - 3pm
8/20 -- 9:30am - 1pm
8/21 -- 9:30am - 1pm

PART 2:
8/11 -- 4pm - 8pm
8/20 -- 2pm - 6pm
8/21 -- 2pm - 6pm





FALL 2021

iPrep

MATH

PREP

INTENSIVE



WHO



WHAT



WHEN

Anyone taking a 1000 or 2000 level mathematics or statistics course.

Anyone wanting to learn or practice how to use a scientific calculator

PART 1:
Basic Algebraic Skills (fractions, decimals, percents, scientific notation)
Rules of Exponents, Reducing Radicals, Common Denominators, Expanding Binomials

PART 2:
Solving and Graphing Basic Equations
Linear Equations (slope, different equations of lines, perpendicular, parallel)

PART 3: Factoring and Quadratic Equations (solving, quadratic formula)

PART 1:
8/15 - 9am-12pm
8/19 - 10am-1pm
8/25 - 5pm-8pm

PART 2:
8/15 - 1pm-4pm
8/19 - 2pm-5pm
8/26 - 5pm-8pm

PART 3:
8/16 - 9pm-12pm
8/19 - 6pm-9pm
8/27 - 5pm-8pm



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FALL 2021

PBHL

PREP

3001

INTENSIVE



WHO

Anyone taking PBHL 3001
Anyone wanting to learn or practice how to use a scientific calculator



WHAT

PART 1:
2x2 Tables and Fraction Multiplication

PART 2:
Scientific Methods and Study Design
Word Problems Practice
Study Tips



WHEN

PART 1:
08/27 -- 12:30-3:30pm

PART 2:
8/27 -- 4-7pm



iPrep

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CHEM

FALL 2021

PREP

INTENSIVE



WHO

Anyone taking CHEM 3411.
Anyone taking the General Chemistry Assessment Test (GCAT)
Anyone wanting to learn or practice how to use a scientific calculator



WHAT

PART 1:
Electronegativity
Acid/Base Chemistry
Lewis dot structures
Molecular geometry
VSPER theory
MO theory

PART 2:
Electron Orbitals
Hybridization
Line Drawings
Functional Groups
Study Tips for Ochem Success!

PART 3:
Nomenclature
Mechanism
Drawing
Components of a Mechanism



WHEN

PART 1 :
8/12 -- 8am-10am
8/21 -- 9:30am-11:30am

PART 2:
8/13 -- 8am-10am
8/21 -- 12pm-2pm

PART 3:
8/14 -- 8am-10am
8/21 -- 2:30pm-4:30pm

