



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Gas Compression/Flow Dynamics
Course Number: ARL234

Required Materials

Textbook(s): Introductory Chemistry Online (online text with print options) Class sign up:
https://starkstate.panopen.com/sign_up?course_id=624

Required Readings: None

Additional Materials: You will need to use a scientific calculator of your choice for quizzes and tests. It can be purchased for under \$15. Cell phones will NOT be acceptable for use as a calculator for tests and quizzes.

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
1	Intro to Matter (ch 2 sect 1,2,4,5)
	Intro to Matter (ch 2 sect 1,2,4,5)
2	Intro to Matter (ch 2 sect 1,2,4,5)
	Quantifying Matter (ch 1 sect 3,4,5,6 ch 2 sect 3)
3	Quantifying Matter (ch 1 sect 3,4,5,6 ch 2 sect 3)
	Quantifying Matter (ch 1 sect 3,4,5,6 ch 2 sect 3)
4	Quantifying Matter (ch 1 sect 3,4,5,6 ch 2 sect 3)
	Test 1 review
5	Test #1
	Nomenclature (ch 3 sect 4,5,10,11)
6	Nomenclature (ch 3 sect 4,5,10,11)
	Nomenclature (ch 3 sect 4,5,10,11)
7	Molar Mass and Thermo (ch 4 sect 1,2,3)
	Molar Mass and Thermo (ch 4 sect 1,2,3)
8	Test 2 Review
	Test #2
9	Gases (Ch 9 sect 1,2,3,4,5)
	Gases (Ch 9 sect 1,2,3,4,5)

Week	Chapter/Topic/Lab
10	Gases (Ch 9 sect 1,2,3,4,5)
	Gases (Ch 9 sect 1,2,3,4,5)
11	Gases (Ch 9 sect 1,2,3,4,5)
	Gases (Ch 9 sect 1,2,3,4,5)
12	Test 3 Review
	Test #3
13	Hydrocarbons
	Hydrocarbons
14	Liquids (ch 7 sect 3,4,6)
	Liquids (ch 7 sect 3,4,6)
15	Exam Review
	Exam Review
16	Final Exam: