Example – with major points to be covered

_____ / 31 Total (- _____ % late = _____ /31)

__ /4 1. Gauges: Data Tables

__ /2 2. Gauge Pressure Error Graphs
   __ Three graphs – one per gas

__ /2 3. Capacitance Manometer Operation
   __ Principles

__ /4 4. TC Gauge Operation
   __ Physical property of the gas
   __ Quote actual numbers w/sources
   __ Explanation - does one gas make the filament run “hotter” at the same pressure?

__ /3 5. Atomic and Molecular Mass Concepts
   __ Mass concepts, molecular, isotopes

__ /2 6. Quadrupole Mass Spec Principles

__ /2 7. Background RGA Trace Analysis
   __ Table analyzing each major peak
   __ Specific species including fragments, not just element name (O⁺ or O₂, not “oxygen”)
   __ All peaks over 0.1% composition must be mentioned

__ /6 8. Air RGA Trace Analysis
   __ Similar to above analysis (i.e. ALL major peaks over 0.1%)
   __ Partial pressure ratio for air gases, comparison to known
   __ LEAK vs. OUTGASSING, references

__ /4 9. Neon RGA Trace Analysis
   __ Similar to above analysis (i.e. ALL major peaks)
   __ Table showing each major peak from neon and background
   __ Partial pressure ratio isotopes, comparison to known

__ /2 10. Carbon-Dioxide RGA Trace Analysis
   __ Similar to above analysis (i.e. ALL major peaks)
   __ Table showing each major peak and fragment from CO₂ and background

__ / -2 if References incomplete or footnotes missing

__ / -1 if COVER PAGE or folder missing