How to Read a Course Description

1 means taught on the St. George campus

Y1 is for full course, worth one credit

(H1 is for half course, worth 0.5 credits)

52L = 52 hours of lectures altogether over 26 weeks of a Y-course = 2 hours per week.

26T = 26 tutorials = one per week

(P = practical hours, such as labs)

CHM is the "course designator," in this case short for "Chemistry;" 225 shows the level of the course (we have 100, 200, 300 and 400-level courses; courses for second-year students are normally numbered at the 200 level).

Exclusions are courses similar enough to this one that you are not allowed to take them as well. In this case you may not take CHM 220H1 or 220H1.

Prerequisites are the courses you need to take before you are qualified to take this one. For CHM 225Y1, you need one course in Chemistry (CHM 138H1+139H1 or 151Y) and one course in Mathematics (MAT 135Y1 or 137Y1 or 157Y1) and one course in Physics (PHY 138Y1 or 140Y1).

CHM225Y1   Introduction to Physical Chemistry   52L, 26T
Directed to students in the Chemistry major and specialist programs.
Topics: introductory thermodynamics, first and second law and applications; chemical equilibrium; electrochemistry, surface chemistry; chemical kinetics; introductory quantum mechanics; spectroscopy, and molecular photophysics.
Exclusion: CHM 220H1, 221H1
Prerequisite: [CHM(138H1, 139H1)/151Y1 with a minimum grade of 65%, or permission of the department], MAT135Y1/137Y1/157Y1, PHY138Y1/140Y1
Co-requisite: MAT235Y1/237Y1

Co-requisites are courses you must take at the same time as this course. For CHM 225Y1, you must take either MAT 235Y1 or MAT 237Y1 at the same time.

/   this oblique slash means "or"

, ; & +   these symbols all mean "and"

( )   parentheses are used to group items together into one unit