The following is a partial list of potential Math 90/90+ Common Final topics. It is meant to be a general guide to aid studying and is **not** an exhaustive list of all possible topics.

- solve absolute value equations and inequalities
- solve linear equations and compound inequalities
- perform operations with polynomials (add, subtract, multiply, divide)
    - division includes long division and synthetic division
- simplify complex fractions
- perform operations with radical expressions
- rationalize the denominator
- simplify expressions with rational exponents
- solve rational equations
- solve equations with radicals
- find the equation of a line parallel or perpendicular to a given line
- solve a system of linear equations using elimination, substitution
- solve systems of linear inequalities (graph and shade the solution)
- find the composition of two functions
- factor polynomials
    - difference of squares
    - sum/difference of cubes
    - trinomials
    - grouping
- solve applied problems including but not limited to
    - rate problems
    - simple interest problems
    - mixing problems
    - work problems
    - compound interest problems
    - quadratic problems
    - geometry problems
- solve quadratic equations with real and complex solutions
- find the inverse of a function
- find the equation of a line
- use the properties of logarithms to simplify and expand expressions
- solve logarithmic and exponential equations
- graph functions seen throughout the course
- graph parabolas and circles centered at any point
- operations with complex numbers (add, subtract, multiply, divide)

Note: Any equations required for exponential or logarithmic word problems will be given.