## Concepts to know Exam 3

Chapter F and Chapter 5, and sections 4.3, 4.4

- know terms
- present value
- future value
- proceeds
- discount
- sinking fund
- amortization
- etc...
- simple interest
- regular accounts
- discount loans
- compound interest
- annuities
- amoritization schedule
- effective yield
- discount loan
- compound interest
- equity
- interest earned
- during lifetime of the account
- during a time interval of the account
- Using the finance options on the calculator.
- Solving systems of equations
- Methods from High School
* Substitution
* Subtraction/addition
- Gauss-Jordan Method
- rref
- Matrices
- Different types of answers
* No solution
* Exactly one solution
* Infinite solutions.
- Written in parametric form.
- Placing restriction on the parameter.
- Row reduced form
- Matrix Operations
- Addition
- Subtraction
- Multiplication
- Equality
- Scalar multiplication
- Transpose
- Inverses Matrices
- Translating word problems to systems of equations.
- Any additional topic discussed in class.

