# **MCF 3MI: 2017-2018 Unit 8 Financial Applications**

Success Criteria:

I can…

* Solve simple interest problems and relate it to a linear relation.
* Connect compound interest to exponential growth.
* Solve compound interest problems for the future value and principal.
* Solve for interest rate in a compound interest question using technology.
* Understand the term annuity and the effects of changing conditions (payment, payment period, interest rate, compounding period).
* Solve for amount, present value and regular payment of an annuity.

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| Day | Date | **Topic** | **Practice** | **Done**  **✓** |
| 1 | Wed May 30 | Getting Started | Pg. 450 – 452  #1 – 9 |  |
| 2 | Thurs May 31 | Simple Interest | p. 459 – 461  #1, 2, 4, 6-9 |  |
| 3 | Fri June 1 | Compound Interest:  Future Value | Pg. 468 – 470  #3, 4, 5, 6, 8, 10, 15 |  |
| 4 | Mon June 4 | Compound Interest:  Present value | p. 476 – 477  #4, 8-12, 14 |  |
| 5 | Tues June 5 | **QUIZ (Days 1 – 4)**  Solving Financial Problems | p. 487 – 488  #2, 3, 4b, 5abdef, 6, 7, 8, 9 |  |
| 6 | Wed June 6 | Regular Annuities:  Future Value | p. 498 – 500  #3-7, 10, 14 | ` |
| 7 | Thurs June 7 | Regular Annuities:  Present Value | p. 506 – 508  #2-7 |  |
|  | Fri June 8 | Kindred Credit Union Guest Speaker | Catch up on any homework from previous days |  |
| 8 | Mon June 11 | Review | Pg. 522 – 523  #1, 3 – 12 |  |
| 9 | Tues June 12 | **TEST** |  |  |