<table>
<thead>
<tr>
<th>Unit Name</th>
<th>Main Ideas</th>
<th>Duration (weeks)</th>
<th>Assessment Item</th>
<th>Due Date</th>
</tr>
</thead>
</table>
| **Topic 1**                                | Methods of fixing position which may include bearing fix, dead reckoning, running for GPS  
Calculate speed and distances: - with reference to latitude  
- using nautical miles and knots  
- Plot courses and determine location by:  
- using maps, charts, compasses, dividers and parallel rulers or their equivalent.  
- a variety of methods of fixing position which may include bearing fix, dead reckoning, running fix, GPS | 5 weeks          | Draft                                                                            | Friday 10/08/18 |
| **Maps & Compasses – Navigation**           |                                                                                                                                                                                                          |                  | Assignment EMT                                                                 | Friday 17/08/18 |
| **Topic 2**                                | Simple interest, and compound interest for various compounding periods; effective and nominal rates  
Consumer credit including personal loans, credit cards, debit cards, housing loans (including fees and charges)  
Investments such as savings accounts, term deposits, real estate and stock market  
Simple algebraic manipulation of financial formulae | 5 weeks          | KAPS & MAPS Exam  
70 minutes (Managing Money & Navigation)                                         | KAPS Thursday   |
| **Managing Money**                          |                                                                                                                                                                                                          |                  |                                                                                | 13/09/18        |
| **Topic 3**                                | Identify and reflect upon the effect of critical steps in project networks  
Identify and reflect upon the impact of slack time in a project network  
Investigate single and multiple-server queue situations with constant arrival and service times using a variety of representations  
Investigate the effects on a queuing system of random arrival and service times | 4 weeks          | KAPS & MAPS Exam  
90 minutes (Networks & Queuing, Exploring & Understanding Data)                 | MAPS Friday     |
| **Operations Research – Networks & Queuing**|                                                                                                                                                                                                          |                  |                                                                                | 14/09/18        |
| **Topic 4**                                | Interpretation in context of row and column percentages for a contingency table (two-way table of frequencies)  
Misuse of probabilities, including misinterpretation of row and column percentages in contingency tables |                  | KAPS & MAPS Exam  
90 minutes (Networks & Queuing, Exploring & Understanding Data)                 | Exam Block Wk 5&6 |
| **Exploring & Understanding Data**          |                                                                                                                                                                                                          |                  |                                                                                |                 |