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## NC Shipping & Maritime Operations –STRUCTURE

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| To attain the qualification candidates must complete 12 credits in total. This comprises:* 8 mandatory credits
* 4 optional credits
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| **4 code** | **2 code** | **Unit title** | **SQA****credit** | **SCQF****credit****points** | **SCQF****level** |
| Mandatory Units |
| F1K8 | 11 | Computing: Office and Personal Productivity Applications | 1 | 6 | 5 |
| F3GB | 12 | Communication | 1 | 6 | 6 |
| F7HB | 12 | Shipboard Operations, an Introduction | 1 | 6 | 6 |
| F7HH | 12 | Maritime Industry, and introduction | 1 | 6 | 6 |
| J5D9  | 46 | Transverse Stability of Ships: An Introduction | 1 | 6 | 6 |
| J5DA | 46 | Naval Architecture: An introduction | 1 | 6 | 6 |
| Essential Optional Units (learners must complete 1) |
| J5DK  | 45 | Mathematics for the Maritime Industry – Engineering Officer | 2 | 12 | 5 |
| J5DJ | 45 | Mathematics for the Maritime Industry – Deck Officer | 2 | 12 | 5 |
| Optional Units (learners must complete 4 credits) |
| F7HD | 12 | Nautical Science, An Introduction | 1 | 6 | 6 |
| J5DC  | 46 | Chartwork and Tides, an introduction | 1 | 6 | 6 |
| J5DB  | 46 | Bridge Operations, an introduction | 2 | 12 | 6 |
| J5DH | 46 | Monitor the loading and unloading of cargo from a vessel within a Port environment  | 1 | 6 | 6 |
| J5DG | 46 | Safety and security of a vessel whilst in a port environment: An Introduction | 1 | 6 | 6 |
| J5DF | 46 | Marine Electro-technology: An Introduction | 1 | 6 | 6 |
| J5DE | 46 | Marine Thermodynamics: An Introduction | 1 | 6 | 6 |
| J5DD  | 46 | Marine Mechanics: An Introduction | 1 | 6 | 6 |
| F9K6 | 12 | Marine Engineering Practice, an Introduction | 1 | 6 | 6 |
| F5HL | 12 | Electrical Principles | 1 | 6 | 6 |
| F9K7 | 12 | Merchant Navy Officer Operation and Maintenance: Work Based Learning | 2 | 12 | 6 |
| F9K8 | 12 | Merchant Navy Officer Safety and Management: Work Based Learning | 2 | 12 | 6 |