

## PROGRAMME DETAIL SPECIFICATION PREVIEW

<b>Programme Summary</b>	
<b>1 Awarding institution</b>	Liverpool John Moores University
<b>2 Teaching institution university</b>	Liverpool John Moores University Springdale Academy Of Maritime Education (SAMET)
<b>3a Programme accredited by:</b>	Maritime & Coastguard Agency
<b>3b Description of accreditation</b>	Meets industry requirements for Deck Officer underpinning knowledge
<b>4 Final award</b>	Certificate of Higher Education in Nautical Science
<b>5 Programme title</b>	CHE.Nautical Science
<b>6 UCAS code</b>	
<b>7 Subject benchmark statement</b>	STCW (Standards for Training, Certification & Watchkeeping for Seafarers) for Deck OOW (Officer of the Watch)

### 8 Educational aims of the programme

The educational aim of this programme is to provide the underpinning knowledge for a Deck Officer of Watch (OOW) certificate of competence. The programme also aims to develop students as independent learners and prepare them for a career as a Merchant Navy Deck Officer with the knowledge, skills and attitudes which such an undertaking demands.

### 9 Level Learning Outcomes:

#### FHEQ Level 4 Outcomes:

Apply a broad knowledge base, incorporating theoretical concepts and employing a wide range of specialised skills

Evaluate information using it to plan and develop investigative strategies and to determine solutions to a wide range of unpredictable problems

Operate in a range of varied and highly specific contexts

taking responsibility for the nature and quality of outputs

Level 4 aims to provide students with the fundamental knowledge and key skills required to allow progression to OOW within the Merchant Navy training structure. Students will achieve an understanding of basic Navigation, Shipboard Operations and Shipboard Management and solve problems from an operational perspective.

#### 9 Intended learning outcomes - the programme provides opportunities for students to develop and demonstrate knowledge and understanding, skills, qualities and other attributes in the following areas:

Intended Learning Outcomes summary

#### Knowledge and understanding

A1. Gain knowledge of navigation techniques and shipboard operations required at operational level on board ships.

A2. Develop an understanding of the shipping industry and in the areas relating to management, business and law within this sector.

A3. Develop knowledge of the construction of ships and understand the determination of their stability.

#### **Teaching, learning and assessment methods used to enable outcomes to be achieved and demonstrated**

Acquisition of knowledge is achieved mainly through lectures, tutorials and directed student-centred learning.

Understanding is reinforced through practical exercises.

#### **Assessment**

Testing of the knowledge base is through a combination of written examinations and submission of coursework assignment.

#### Skills and other attributes

#### Intellectual Skills

- B1. Develop the ability to apply theoretical knowledge in a variety of marine related situations
- B2. Gather information from a variety of sources.
- B3. Analyse situations and draw appropriate conclusions and recommendations.
- B4. Recognise the implications of professional and ethical responsibilities of the maritime industry

**Teaching, learning and assessment methods used to enable outcomes to be achieved and demonstrated**

Intellectual skills are developed through case studies and coursework assignments.

**Assessment**

Testing of intellectual skills is through a combination of written examinations, oral tests and coursework assignment submissions.

**Professional practical skills**

- C1. Draw together and integrate disparate data from a variety of sources, analyse the information and apply to practical marine operations.
- C2. Demonstrate competence in operational procedures of vessels including coastal and open sea navigational problems, cargo operations.
- C3. Professionally recognised navigation and cargo operation skills.

**Teaching, learning and assessment methods used to enable outcomes to be achieved and demonstrated**

Professional practical skills are developed in a coordinated manner throughout the programme.

**Assessment**

Testing of professional practical skills is through a combination of written examinations, coursework in the form of case-study reports and coursework assignment submissions.

**Transferable / key skills**

- D1. Communicate effectively in written, verbal and visual forms to a variety of audiences and circumstances.
- D2. Manage time and work to deadlines.
- D3. Effectively use Information Technology (IT) for a variety of maritime and business tasks.
- D4. Utilise problem solving skills in a variety of theoretical and practical situations.
- D5. Improve learning skills developed through Personal Development Planning.

**Teaching, learning and assessment methods used to enable outcomes to be achieved and demonstrated**

Transferable/key skills are developed in a coordinated manner throughout the programme.

**Assessment**

Testing of transferable/key skills is through a combination of written examinations, oral tests and coursework assignment submissions.

**10. Route/Pathway/Field requirements, levels, modules, credits and awards**

The programme is designed to provide academic requirements for an STCW Deck Officer OOW certificate in addition to CertHE. It is offered in full time mode (1 academic year of 120 credits), with two possible start dates, July & October. After completion of the CertHE students will proceed to sea for industrial experience and then to second year of DipHE Nautical Science at Liverpool. On completion of the DipHE year they will be eligible to sit the STCW OOW examinations set by the UK MCA.

The CertHE programme is also integrated with applicable short courses to meet professional qualification requirements.

**Award Requirements**

Certificate of Higher Education in Nautical Science

For information about awards, see <http://www.ljmu.ac.uk/Quality/120020.htm>

Level 4	Potential Awards on completion	Certificate of Higher Education
Core	Option	Award Requirements

4510SAM Passage Planning 4511SAM METEOROLOGY 4512SAM Shipboard Operations 4513SAM MARITIME MANAGEMENT & LAW 4514SAM SHIP STABILITY 4515SAM SHIP CONSTRUCTION & MATHEMATICS 4516SAM PRACTICAL NAVIGATION 4517SAM BRIDGE WATCHKEEPING 4518SAM CHARTWORK AND TIDES		120 core credits at level 4 0 option credits at level 4 0 elective credits at level 4
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### 11 Opportunities for work-related learning ( location and nature of activities)

All modules include work related learning with the syllabus dictated by industry. No WBL modules are considered necessary on this programme as the students complete seetime as part of the professional conditions to achieve the Merchant Navy certificate.

### 12 Criteria for admission

#### Overseas qualifications

Students need to have attained a minimum 50 % in aggregate in 10+2 Science or 60 % in aggregate in 10+2 Commerce.

Students are strongly advised to have a Merchant navy medical examination before entry.

Students with alternate equivalent qualifications can be accepted on an individual basis.

English

Students whose first language is not English will be expected to have attained IELTS 5.5 average or equivalent within the previous two years.

### 13 Information about assessment regulations

An additional assessment system will also apply to all modules to meet Maritime & Coastguard requirements for professional Deck Officers. Higher percentage pass marks in module assessment components for students are required to obtain the exemption from subject for the OOW certificate of competence.

All programmes leading to LJMU awards operate within the University's Academic Framework.

Full details are available from <http://www.ljmu.ac.uk/Quality/120020.htm>

### 14 Indicators of quality:

#### PSB reports and outcomes

The programme is approved and periodically audited by the Maritime & Coastguard Agency.

#### Institutional audit outcomes

The University is subject to Institutional Review by the Quality Assurance Agency on a 6 year cycle. A published review report is then available on the QAA web site: [www.qaa.ac.uk](http://www.qaa.ac.uk)

### 15 Support for students and their learning

- Induction for orientation and introduction to University facilities
- Student Handbook and Module Guides
- All students are allocated a personal or level tutor whose role is to assist with personal problems and to advise on pastoral issues
- An open door policy exists for access to teaching staff and Programme Leader
- Access to University counselling and welfare services. Students with a disability will be eligible for appropriate additional support after an assessment.

### 16 Methods for evaluating and improving the quality and standards of teaching and learning

The Role of the External Examiner

External examiners approved by the University are appointed to cover whole programmes or clusters of modules within programmes. The role of the external examiner is to provide informative comment and recommendations upon whether or not:

- the University is maintaining the threshold academic standards set for awards in accordance with the frameworks for higher education qualifications and applicable subject benchmark statements
- the assessment process measures student achievement rigorously and fairly against the intended outcomes of the programme(s) and is conducted in line with the University policies and regulations
- the academic standards are comparable with those in other UK higher education institutions of which external examiners have experience
- the achievement of students are comparable with those in other UK higher education institutions of which the external examiners have experience

and to provide informative comment and recommendations on:

- good practice and innovation relating to learning, teaching and assessment observed by external examiners
- opportunities to enhance the quality of the learning opportunities provided to students.

Subject standards for all taught programmes of study are specified using an outcome based learning model. Attainment is measured against the standard and individual student performance is moderated at assessment boards. This involves both internal moderation (by LJMU staff and/or partner institution staff) and external moderation (by External Examiners). Internal annual programme self-assessment is informed by broad ranging student feedback, external examiners and academic staff who conduct module review. External quality assessment by Professional Statutory Regulatory Bodies and the Quality Assurance Agency for Higher Education confirms that standards are set at the appropriate level and that quality of learning opportunities are subject to continuing improvement. The quality of teaching is assured through staff review and staff development in learning, teaching and assessment. Designated committees have responsibility for the oversight of processes wherein quality and standards are evaluated and improved.

Please note: This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content, teaching, learning and assessment methods of each module can be found in the student module guide and course handbook. The accuracy of the information contained in this document is reviewed by the University and may be checked by the Quality Assurance Agency for Higher Education.

**17 Key sources of information about the course can be found in:**

- Programme documents
- SAMET Web site

Further details may be obtained from a series of handbooks for students that together provide comprehensive information. Detailed programme information is contained in definitive documentation for the programme. The Virtual Learning Environment (Blackboard) is increasingly used to provide module specific information.

**18 Progress Files**

Increasingly, academic guidance is provided within a framework of personal development planning linked to progress review.