

## Liverpool John Moores University

Title: Bridge Management  
Status: Definitive  
Code: **5551BFC** (121562)  
Version Start Date: 01-08-2020

Owning School/Faculty: Engineering  
Teaching School/Faculty: Blackpool & Fylde College

Team	Leader
Barbara Kelly	Y

**Academic Level:** FHEQ5      **Credit Value:** 20      **Total Delivered Hours:** 80  
**Total Learning Hours:** 200      **Private Study:** 120

### Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	74
Tutorial	6

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Passage Planning (2500 words)	60	
Essay	AS2	BRM, SAR, ER (1500 words)	40	

### Aims

*To identify the roles and responsibilities of the various members of the bridge team in operational and emergency situations.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Appraise, plan and evaluate a passage plan.
- 2 Justify the selection and implementation of contingency plans for given emergency scenarios.
- 3 Evaluate the appropriacy of Search and Rescue techniques within a given context.
- 4 Apply Bridge Resource Management theories and practices in order to effectively manage a watchkeeping team.

## Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Passage Planning	1		
BRM, SAR, ER	2	3	4

## Outline Syllabus

*General passage planning theory*

*Passage Planning – Appraisals (content, processes and purpose)*

*Passage Planning – Plans (content, processes and purpose)*

*Passage Planning – Execution (content, processes and purpose)*

*Passage Planning – Monitoring and Evaluation (content, processes and purpose)*

*The role of contingency planning within a passage plan*

*Examples of contingency plans for a range of scenarios*

*Examples of search and rescue techniques*

*Roles and responsibilities within search and rescue scenarios*

*Roles and responsibilities on the bridge*

*The impact of team behavior on operations at sea*

*Following Standard Operational Procedures*

*Responding to Emergency Procedures*

## Learning Activities

Consider contingency plans and their purpose

Select a contingency plan for a given scenario and justify the decision

Apply Standard Operational Procedures and Emergency Procedures to a range of theoretical scenarios

Discuss the roles and responsibilities of the members of the bridge team

Evaluate search and rescue practices based on given situations

Evaluate passage plans and identify their strengths and weaknesses

## Notes

This module will contribute to the underpinning knowledge required for progression to an Officer of the Watch professional qualification. Further information can be found within the STCW syllabus.

