

COURSE OUTLINE

Goal of the Program: Participants who successfully complete this course shall be able to demonstrate their knowledge of the principles and practices of Bridge Resource Management.

Subject Areas	Overall Objectives	Lesson Hours	Practical Hours
1. INTRODUCTION AND ORIENTATION	Identify academic surroundings; follow safety procedures; familiarize with Instructors and fellow participants; describe the course requirements, and discuss individual expectations.	1.00	-
2. INTRODUCTION TO BRM Principal cause of marine casualties. Human error. Factors contributing to Human Error. Bridge Resource Management (BRM). Aims, objectives and core principles of BRM. Obstacles to BRM. A System and the human element.	Identify: the principal causes of navigational casualties; describe the various types of human errors and contributing factors; explain the principles, aims and objectives of BRM.	3.00	-
Subject Areas	Overall Objectives	Lesson Hours	Practical Hours
3. AN OVERVIEW OF REGULATIONS AND GUIDANCE Regulations. Standards and guidance regarding Watchkeeping. Other laws and available guidance.	Identify, review and summarize the major regulations and guidance relating to BRM, and appreciate the importance of their effective application.	1.50	-
4. LEADERSHIP AND TEAMWORK Overview of Leadership. Teamwork. Culture & diversity.	Describe and appreciate the characteristics and value of an effective bridge team, the core leadership qualities required, and the impact of cultural diversity within the team.	1.50	-
5. BRIDGE RESOURCE MANAGEMENT BEHAVIOR Communication. Situational awareness. Mental models. Deck officer conference. Error detection. Risk Assessment. Decision making. Situation assessment.	Identify the concepts, skills, and behavior of effective BRM; describe their requirements; and to subsequently demonstrate appreciation of those behaviors through a series of practical simulation and other exercises.	3.00	-
6. MASTER – PILOT RELATIONSHIP	Appreciate: the duties and obligations of the OOW as required by Sec A VIII/2 of STCW when a pilot is aboard; and the elements of a Master-Pilot exchange of information and its' practical application.	1.00	-
Subject Areas	Overall Objectives	Lesson Hours	Practical Hours
7. REVIEW OF PASSAGE APPRAISAL & PLANNING	Review and appreciate the procedures and techniques for making an effective passage plan	1.00	-