



DETAILED LEARNING OBJECTIVES

A: INTRODUCTION

SOURCE

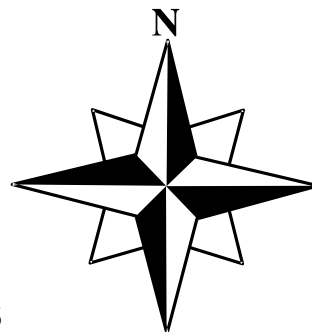
1. STATE THE OBJECTIVE OF THE COURSE
2. SHOW SCHEDULE FORMS
3. REQUIREMENTS FOR 6 PAK
4. FILL OUT PAPERWORK
5. CLASSROOM RULES
6. ATTENDANCE REQUIREMENTS

STUDY GUIDE
SAMPLE

**B: RULES OF THE ROAD (INTERNATIONAL)
- TEACH THE STUDENT THE RULES
AND SHOW MEMORY AIDS**

STUDY GUIDE
SIMPLIFIED
RULES

1. WHERE APPLY
2. RESPONSIBILITY
3. DEFINITIONS
4. NO RULE
5. LOOK-OUT
6. SAFE SPEED
7. RISK OF COLLISION
8. ACT TO AVOID
9. NARROW CHANNELS
10. TRAFFIC SEARATION SCHEMES
11. CONDUCT IN SIGHT
12. SAILBOATS
13. OVERTAKING
14. HEAD ON
15. CROSSING
16. GIVE WAY
17. STAND ON
18. RESPONSIBILITIES





- 19. RESTRICTED VISIBILITY
- 20. LIGHTS AND SHAPES
- 21. LIGHT DEFINITIONS
- 22. LIGHT VISIBILITY
- 23. LIGHTS UNDERWAY.
- 24. TOWING
- 25. SAILBOATS/ROWBOATS
- 26. FISH/TRAWLING LIGHTS
- 27. RAM LIGHTS/SHAPES
- 28. CONSTRAINED BY DRAFT
- 29. PILOT LIGHTS
- 30. ANCHORED LIGHTS/SHAPES
- 31. SEAPLANES
- 32. SOUND/LIGHT SIGNALS
- 33. EQUIPMENT
- 34. ACTION//WARNING SIGNALS
- 35. RESTRICTED VISIBILITY
- 36. ATTENTION
- 37. DISTRESS SIGNALS
- ANNEXES
- LAW ENFORCEMENT/ DOUBLE TRAWLING
- BARGES/LEAVING THE DOCK

C: INLAND RULES

-DIFFERENCES ONLY

STUDY GUIDE

SIMPLIFIED

- 1. APPLICATION (WHERE)
- 3. DEFINITIONS
- 10. NARROW CHANNELS
- 13. OVERTAKING
- 15. CROSSING
- 21. LIGHT DEFINITIONS
- 22. VISIBILITY OF LIGHTS



- 24. TOWING AND PUSHING
- 34. ANCHORED
MANUEVERING/WARNING SIGNALS
- ANNEXES
LEAVING THE DOCK
DREDGE PIPELINES
FINES

D: NAUTICAL CHARTS

- GET STUDENT FAMILIAR WITH NAUTICAL CHARTS AND PUBLICATIONS CHART #12221

- LATITUDE
- LONGITUDE
- VARIATION
- DEVIATION
- COMPASS CORRECTIONS
- SURFACE FEATURES

- NAUTICAL BOOKS
- COAST PILOT
- LIGHT LIST

E: TIDES/CURRENTS

- FAMILIARIZE STUDENT WITH BOTH (WHY? WHEN?)
- FAMILIRIZE STUDENT WITH TIDE/CUYRRENT BOOKS

1. SPRING TIDES
2. NEAP TIDES
3. TIDAL RANGE
4. EBB/FLOOD TIDES
5. HOW DEFINED
6. PRACTICE WITH BOOKS

- STUDY GUIDE
- NAUTICAL PUBLICATIONS
- TIDES BOOK
- CURRENT BOOK

F: WEATHER

STUDY GUIDE



- FAMILIARIZE WITH DANGEROUS WEATHER PATTERNS

1. WEATHER PATTERNS
2. HIGHS AND LOWS
3. BUYS-BALLOT LAW
4. CLOUDS
5. FRONTS
6. RELATIVE HUMIDITY
7. FOG
8. WINDS

G: INTRODUCTION TO PILOTING STUDY GUIDE

- INTRODUCE METHODS OF PILOTING - DIVIDERS
- USE OF TOOLS - RULERS
- TIME SPEED AND DISTANCE
- PRACTICE DRILLS IN WORKBOOK ON SUPPLIED CHARTLETS



PURPOSE IS TO GET STUDENT VERY EXACT AND GET FAMILIAR WITH TOOLS

“HANDS ON” PILOTING

CHARTS
SAMPLE PROBLEMS

- AT FIRST WORK AS TEAMS
- POST ANSWERS ON BOARD
- WHEN COMFORTABLE GIVE INDIVIDUAL SETS MARK ANSWERS WHEN COMPLETED
- ASSIGN HOMEWORK DRILL
-

H: MARLINSPIKE STUDY GUIDE

- TO TEACH, DEMONSTRATE KNOTS,

3B's Captains School
185 Slate Dr
Westminster, MD 21158
Voice: (800) 286-6499 ~ (888) 598-9598
Email: Captain@CaptainsSchool.com



BENDS AND SPLICES

1. LECTURE AND DEMONSTRATE
 - BOWLINE 4' SECTION OF 3/8"
 - SQUARE KNOT
 - ROLLING HITCH
 - BECKET BEND
 - LARK'S HEAD
 - CLOVE HITCH
 - EYE SPLICE
2. HAVE STUDENT DEMONSTRATE ABILITY AND INITIAL EACH SHEET

I: FIREFIGHTING STUDY GUIDE

- SHOW TYPES OF FIRE AND HOW TO EXTINGUISH

1. ABC'S OF FIREFIGHTING
2. TYPES OF FIRES
3. TYPES OF EXTINGUISHERS
 - WATER
 - CO2
 - FOAM
 - CHEMICAL
4. TERMINOLGY
5. USE OF FIRE EXTINGUISHERS

J. NAUTICAL PUBLICATIONS NAUTICAL WORKBOOK

- DEMONSTRATE PROPER USE OF NAUTICAL PUBLICATIONS
1. LIGHT LIST
 2. COAST PILOT
 3. CFR'S



- K: SAFETY
- BOAT HANDLING
 - BUOYS

STUDY GUIDE
LECTURE
WORKBOOK INSERT

- SHOW
- PADDLE WHEEL EFFECT
 - TWIN SCREW
 - ANCHORING
 - SEA ANCHORS
 - BOAT REGISTRATION
 - DOCUMENTATION/ INSPECTION



- L: ADVANCED PILOTING
- REVIEW ALL PREVIOUS PILOTING
 - MARK HOME WORK
 - 1. START RUNNING FIX
 - 2. DOUBLE THE ANGLE ON THE BOW
 - 3. CREATING DEVIATION TABLES
 - DO DRILLS FOR EACH AND MARK

STUDY GUIDE

- 4. PASS OUT PRACTICE PLOTS AND SUPERVISE AND TUTOR
- 5. MARK EACH SET

- M: REVIEW RULES

RULES DRILL