DETAILED LEARNING OBJECTIVES

A: INTRODUCTION SOURCE

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

B: RULES OF THE ROAD (INTERNATIONAL) STUDY GUIDE
- TEACH THE STUDENT THE RULES SIMPLIFIED
  AND SHOW MEMORY AIDS 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. COINSTRAINED BY DRAFT
29. PILOT LIGHTS
30. ANCHORED LIGHTS/SHAPES
31. SEAPLANES
32. SOUND/LIGHT SIGNALS
33. EQUIPMENT
34. ACTION/ARMING SIGNALS
35. RESTRICTED VISIBILITY
36. ATTENTION
37. DISTRESS SIGNALS

ANNEXES
LAW ENFORCEMENT/ DOUBLE TRAWLING
BARGES/LEAVING THE DOCK

C: INLAND RULES STUDY GUIDE
-DIFFERENCES ONLY SIMPLIFIED

1. APPLICATION (WHERE)
3. DEFINITIONS
10. NARROW CHANNELS
13. OVERTAKING
15. CROSSING
21. LIGHT DEFINITIONS
22. VISIBILTY OF LIGHTS
24. TOWING AND PUSHING
34. ANCHORED
    MANEUVERING/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

E: TIDES/CURRENTS STUDY GUIDE
   - FAMILIARIZE STUDENT WITH BOTH (WHY? WHEN?)
   - FAMILIARIZE STUDENT WITH TIDE/CURRENT BOOKS
     1. SPRING TIDES
     2. NEAP TIDES
     3. TIDAL RANGE
     4. EBB/FLOOD TIDES
     5. HOW DEFINED
     6. PRACTICE WITH BOOKS

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
- USE OF TOOLS
- 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,
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 STUDY GUIDE
    -  BOAT HANDLING LECTURE
    -  BUOYS WORKBOOK INSERT

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

L:  ADVANCED PILOTING STUDY GUIDE
    -  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
    4.  PASS OUT PRACTICE PLOTS AND SUPERVISE AND TUTOR
    5.  MARK EACH SET

M:  REVIEW RULES RULES DRILL