New Curriculum Development



IMTARC Labour Market Partnership Project

(Funded by Provincial Contribution to IMTARC through Labour Market Agreement funding of \$550K)

- Develop a new SB&R Pre-Employment Training Program for new entrants to the sector – that provides essential skills, industry orientation and exposure to marine trades – (BCIT, Camosun, VIU, NIC) – also developing on-line training modules
- Develop a Marine Terminology Program for workers from other sectors that are entering SB&R sector
- Develop Industrial Marine Estimating Program for ship repair (public & private) activities
- Develop Industrial Marine Planning & Scheduling Program for ship construction and ship repair activities
- Develop Specialized Leadership Skills Programs (conflict resolution, interpersonal communications, coaching & mentoring) targeted at the SB&R sector

Shipbuilding and Repair ENTRY LEVEL TRAINING



Goal:

- To address an industry need for certified and competent personnel at a basic and general level.
- To provide students, unfamiliar with the marine industry, with a safe and controlled environment from which to learn and develop a detailed understanding of the opportunities which exist in this sector.

Objectives:

Develop clear understandings and attitudes around:

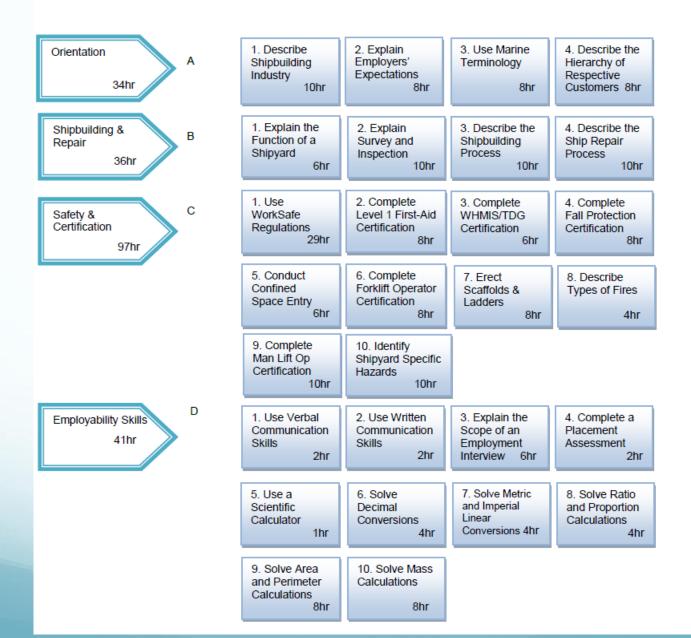
- Work place safety.
- Enhance personnel certifications and qualifications.
- Experience a variety of tasks and occupations within the marine industry.
- Confirm essential skills.
- Understand employer needs and expectations.

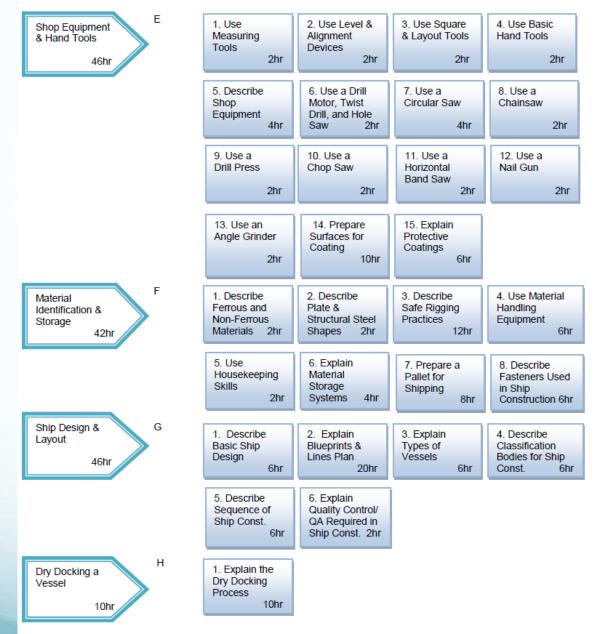
Outcomes:

Successful students will be able to enter the marine industry safely and competently, aware of opportunities to work, advance and progress. The skills and attitudes attained will be beneficial and transferable to other industry occupations.

COURSE PROFILE (DACUM CHART)

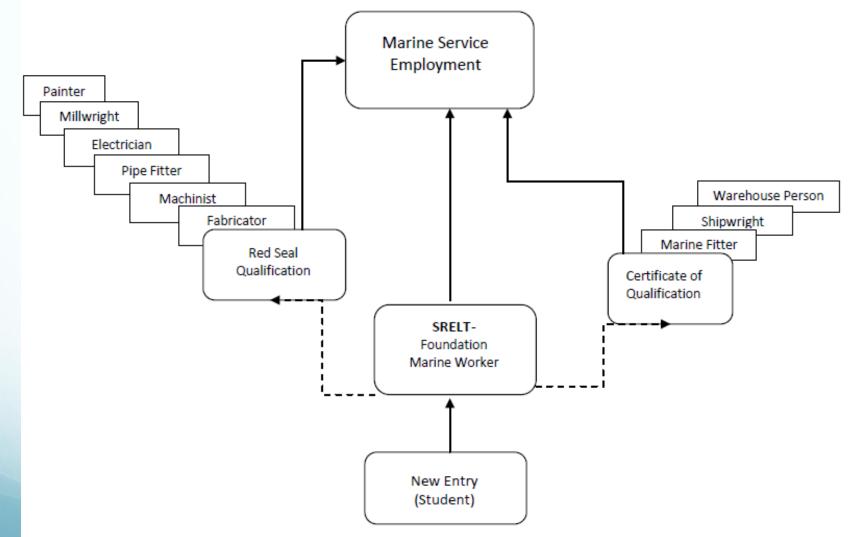
SRELT – Marine Training Profile (Skilled Marine Worker)





* Course Administration and Evaluation not included in time allocation. 352Hrs=11.7Wks

Progression Model



PLANNING AND SCHEDULING COURSE

(Developed by Procept Associates)

- A 4 day course for project managers, planners, engineers, quality managers, material managers, and trades in marine industrial environment (focus on ship construction and ship repair)
- Learning Objectives
 - Creating effective project schedules
 - Implementing project schedule controls
 - Using earned value management
 - Evaluating project metrics and preparing project performance reports
 - Applying best practices in scheduling reports
- 9 Chapters and 2 Case Studies



ESTIMATING COURSE

(Developed by Richard Chappell Consulting)

- A 2 day course for project managers, engineers, quality managers, material managers, and those new to estimating in a marine industrial environment (focus on ship repair in private and public yards)
- Learning Objectives
 - Understanding of roles and responsibilities of an estimator
 - Understanding of estimating procedures and various estimating techniques
 - Understanding mandatory safety regulations and environmental precautions
 - Understanding various pricing solicitations and use of specifications and drawings
 - Estimating requirements for various types of work and ship repair
 - Production hour estimates and rates, material pricing, total estimation roll-ups



MARINE TERMINOLOGY COURSE

(Developed by Canadian Welding Bureau)

- A 2 day course for workers (and specialists/management) entering the shipbuilding and ship repair industry from other economic sectors
- Learning Objectives
 - Understand terms used in constructing and maintaining ships
 - Understand dimensional and structural terms
 - Understand terms relating to commercial and naval platforms
 - Understand and interpret marine technical illustrations
 - Understand terms around ship's fitted systems
 - Understand terms around generic layout and function of a shipyard
 - Understand safety terms and definitions as they apply to shipyard work activities
 - 5 Chapters and supporting illustrations



INTERPERSONAL COMMUNICATIONS COURSE

(Developed by Stonecoast Group)

- Geared to the needs of existing and future leaders, managers and supervisors in the industrial marine environment.
- Participants in this 2 day course will be guided through a series of realworld exercises and strategies that will help them work through challenging situations with the goal of maintaining effective communication among co-workers, subordinates and more senior managers.
- Topics include building rapport, active listening, giving and receiving performance feedback and positive, constructive criticism.
 Acknowledgement, playback and communicating with different personalities will be examined and practiced. The use of communication technology including email and instant messaging is also addressed.



CONFLICT RESOLUTION COURSE

(Developed by Stonecoast Group)

- Geared to the needs of existing and future leaders, managers and supervisors in the industrial marine environment.
- Participants in this 2 day course will be guided through a series of realworld exercises and strategies that will help them work through challenging situations with the goal of successfully resolving conflict among co-workers, subordinates and more senior managers.
- Topics include understanding types of conflict, different conflict styles, the effective use of questions, reframing strategies and dealing with difficult negotiators.



COACHING AND MENTORING COURSE

(Developed by Stonecoast Group)

- Geared to the needs of existing and future leaders, managers and supervisors in the industrial marine environment.
- Participants in this two-day session will be guided through a series of real-world exercises and strategies that will help them work through challenging situations with the goal of identifying and responding appropriately to coachable opportunities.
- Topics include understanding the differences between coaching and mentoring, coaching styles, and the effectiveness of formal and informal coaching and mentoring.



QUESTIONS ?



