



## ***“Maritime Welding and Pipefitting Program - Years 1-4”***

Textbook: ***NCCER - “Core Curriculum: Introductory Craft Skills, Fifth Edition;” NCCER - “Introduction to the Maritime Industry;” NCCER – “Welding, Level - 1, Fifth Edition;” NCCER – “Welding, Level - 2, Fifth Edition;” along with a variety of online resources.***

| E                                       | E A                 | D E      | B K        | E I     |
|-----------------------------------------|---------------------|----------|------------|---------|
| BA REC A                                |                     |          | EC         |         |
| C                                       | C I E IFE A E I A I |          | C IC       | H       |
| SAFETY AND HAZARD RECOGNITION           |                     | 00101-15 | EC<br>C IC | 4 HRS   |
| ELEVATED WORK AND FALL PROTECTION       |                     | 00101-15 | EC<br>C IC | 4 HRS   |
| STRUCK BY AND CAUGHT-IN-BETWEEN HAZARDS |                     | 00101-15 | EC<br>C IC | 2 HRS   |
| ENERGY RELEASE HAZARDS                  |                     | 00101-15 | EC<br>C IC | 2 HRS   |
| PERSONAL PROTECTIVE EQUIPMENT           |                     | 00101-15 | EC<br>C IC | 4.5 HRS |
| JOB SITE HAZARDS                        |                     | 00101-15 | EC<br>C IC | 4 HRS   |
| ID C I C C I H A                        |                     |          | EC<br>C IC | H       |
| WHOLE NUMBERS                           |                     | 00102-15 | EC<br>C IC | 3 HRS   |
| FRACTIONS                               |                     | 00102-15 | EC<br>C IC | 8 HRS   |
| THE DECIMAL SYSTEM                      |                     | 00102-15 | EC<br>C IC | 8 HRS   |
| MEASURING LENGTH                        |                     | 00102-15 | EC<br>C IC | 8 HRS   |
| METRIC AND IMPERIAL MEASURING SYSTEMS   |                     | 00102-15 | EC<br>C IC | 8 HRS   |
| INTRODUCTION TO GEOMETRY                |                     | 00102-15 | EC<br>C IC | 5 HRS   |
| ID C I H D A                            |                     |          | EC<br>C IC | H       |
| COMMON HAND TOOLS                       |                     | 00103-15 | EC<br>C IC | 2.5 HRS |

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|------------------------------|----------|------|---------|
| MEASUREMENT AND LAYOUT TOOLS | 00103-15 | EC   | 2.5 HRS |
|                              |          | C IC |         |
| CUTTING AND SHAPING TOOLS    | 00103-15 | EC   | 2.5 HRS |
|                              |          | C IC |         |
| OTHER COMMON HAND TOOLS      | 00103-15 | EC   | 2.5 HRS |
|                              |          | C IC |         |

|                                  |          |      |         |
|----------------------------------|----------|------|---------|
| POWER DRILLS                     | 00104-15 | EC   | 2.5 HRS |
|                                  |          | C IC |         |
| POWER SAWS                       | 00104-15 | EC   | 2.5 HRS |
|                                  |          | C IC |         |
| GRINDERS AND GRINDER ATTACHMENTS | 00104-15 | EC   | 2.5 HRS |
|                                  |          | C IC |         |
| MISCELLANEOUS POWER TOOLS        | 00104-15 | EC   | 2.5 HRS |
|                                  |          | C IC |         |

|                                               |          |      |        |
|-----------------------------------------------|----------|------|--------|
| CONSTRUCTION DRAWINGS<br>AND THEIR COMPONENTS | 00105-15 | EC   | 1.5 HR |
|                                               |          | C IC |        |
| SIX TYPES OF CONSTRUCTION DRAWINGS            | 00105-15 | EC   |        |
|                                               |          | C IC |        |

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|---------------------------|-------|----------|--|------|---------|
| BA ICC                    | ICA I | KI       |  | EC   |         |
|                           |       |          |  | C IC | H       |
|                           |       |          |  | EC   |         |
| THE COMMUNICATION PROCESS |       | 00107-15 |  | C IC | 2.5 HRS |
| ACTIVE LC                 |       |          |  |      |         |



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APPRENTICE TRAINING

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1.5 HRS

We encourage all students to come to class prepared, do their homework and participate in all class activities. In an effort to measure students' true knowledge of the course content and their employability skills, assessments, tests, quizzes, attendance, class/shop conduct will all be factored in the grades of all students.

Student's final grades will be broken down as follows:

1. Summative Assessments{ 45%
  2. Formative Assessments: 35%
  3. Employability Skills: 20%
- Total: 100%

Any student who obtains a score of less than 70% in any classroom summative assessment will be qualified to retake the assessment only after he/she completes all necessary preparatory assignments. Tests that are

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We expect all students to adhere to the school's handbook regarding classroom conduct. It is important for student learning and student safety that the learning environment be safe and free from physical and emotional dangers.

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