1. GENERAL OBJECTIVE:

Identify the method of manufacturing components or parts on the basis of engineering and product quality to obtain parts or machines. Select the industrial manufacturing process more appropriate, based on product design criteria, cost, time, materials and application to a specific case of manufacturing. Identify the metallurgical production chain through a manufacturing project completed along the semester based on the criteria of quality and economy in production to viable product manufacturing.

2. CONTENTS:

MODULE 0: INTRODUCTION TO MANUFACTURING
MODULE 1: WELDED JOINTS
MODULE 2: PROCESS FOR REMOVING CHIP
MODULE 3: PROCESS OF FORMING MASS
MODULE 4: PROCESS OF FORMING OF SHEET
MODULE 5: ADVANCED MANUFACTURING PROCESSES

3. EVALUATION:

<table>
<thead>
<tr>
<th>Type of evaluation</th>
<th>Percent</th>
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<tbody>
<tr>
<td>4 evaluations of multiple topics</td>
<td>10% each</td>
</tr>
<tr>
<td>Group manufacturing project</td>
<td>30%</td>
</tr>
<tr>
<td>Final evaluation (3 exams/10%)</td>
<td>30%</td>
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</tbody>
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4. BIBLIOGRAPHY: