ENGINEERING SCHOOL
PRODUCTION ENGINEERING DEPARTMENT
ACADEMIC PROGRAM

COURSE : WORKSHOP
CODE   : IP0231
TIME INTENSITY : 4 hours/module
PRE-REQUIREMENTS : Technical Drawing
CO- REQUIREMENTS : None
CREDITS  : 1

1. GENERAL OBJECTIVE:

Recognize the machines and tools for project development manuals, develop the ability to interpret, synthesize and apply knowledge acquired in the workshop practice, in order to function in any situation involving different areas of manufacturing.

2. CONTENTS:

- Welding
- Woods
- Machine tools

3. EVALUATION:

- Wood: The student will manufacture and deliver various works such as jewelry, picture frame, clipboard and pencil.
- Metalworking: Students produce and deliver a die incorporating all the metalworking operations
- Welding: the student will manufacture and deliver various jobs such as chandeliers and decorations picture frame door

4. BIBLIOGRAPHY:

- Krar y Check, Tecnología de las maquinas y herramientas, Editorial Alfaomega.
- Metrología, Editorial Mg Hill.
- Horwitz, Soldadura aplicaciones y practica, Editorial Alfaomega.
- Hecho en casa en madera, Editorial Sena