

CERTIFICATE COURSE IN CARPENTRY



**CHHOTU RAM ARYA COLLEGE,
SONIPAT-131001
2019**

Established in 1951

Course Designed by:

1. Dr. Naresh Rathee, Associate Professor of English
2. Dr. Anu Rathee, Associate Professor of English
3. Mr. Rajroop Singh Chahal, Associate Professor of Commerce

Programme overview

This programme has been developed in collaboration with the **Manoj Wood Works, Near C.R.Z. Sr. Sec. School, Sonipat** and **Chhotu Ram Arya College, Sonipat**. The programme is intended to provide basic knowledge and technical skills in the areas of Carpentry. The programme also aims to develop human resource in the area of Carpentry. The knowledge imparted shall facilitate better management of Carpentry Business in scientific lines which in turn will improve their productivity.

About the Programme:

Carpentry is one of the oldest craft businesses and has been in vogue from times immemorial. Carpentry is a remunerative business both in rural and urban areas due to the huge demand by both rural and urban population. A good carpenter can always find gainful employment even in villages with poor purchasing power of the people.

The module is designed to train technicians for carpentry shop. The main purpose is to provide the basic working knowledge of the production of properties of different materials in the trade. Module will apprise the students of basics and applications of various tools, equipment, machinery and techniques used in manufacturing to facilitate shaping of raw materials into useful products or components.

Objectives:

The main objective of the programme is intended to:

1. Identify and select the right type of wood for various applications.
2. Acquire required in the knowledge and practical skills in wood cutting, joining and other allied operations.
3. Acquire required in the trade knowledge and practical skills in engineering measurements.
4. Acquire experience in preventive and corrective maintenance of various cutting tools, machine tools and equipment.
5. Finish various jobs within specified time and resource limits, with proper measurements and evaluate them by appropriate methods and tools.

Programme Structure :-

Module 1: Introduction to Carpentry

Module 2: Understanding about Timber

Module 3: Carpentry Tools

Module 4: Basic Drawing and Calculations about Carpentry

Module 5: Types of works and Working Procedures in Carpentry

Module 6: Cost estimation in Carpentry Work

Module 7: 30 days Internship

Eligibility: 12th Pass

Programme Duration

The duration of the course is 37 days. Seven Days Theory classes and 30 days Practical internship at Manoj Wood Works, Near C.R.Z. Sr. Sec. School, Sonipat.

Registration

The registration dates for this programme run and manage by the college and are updated timely on the college website.

Job Opportunities:

1. The successful certificate holders of this programme have ample scope for self-employment as there is sufficient market demand for skilled carpenters in both urban and rural areas. They can also get wage employment with furniture makers.

Counselling sessions:

The programme has theoretical and practical components. An equal weightage has been given to theory and practical components. The participation in the practical session is an integral part of the programme. 75% attendance in the theory component is compulsory to appear in the practical component. The theory sessions will be held in the college premises and the practical session will be conducted at the premises of our knowledge partner.

Additional Information:

The additional information about the programme and the admission details are available at college website – www.cracollegesonepat.org and with our knowledge partner Manoj Wood Works, Near C.R.Z. Sr. Sec. School, Sonipat.

For further information, kindly contact:

Name:- Mr. Satish Kumar

Designation: Programme Coordinator

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