

Ministry of Education
Department of Technical and Vocational Education and Training (DTVET)
Civil Department (GTI, Thayet)

First Year Course

Sr.No	Subject Name	Objectives	Learning Outcomes
1.	Building Materials & construction (CE-11012,12012)	<p>To know basic types and forms of structure.</p> <p>To study site survey, soil investigation.</p> <p>To know various types of foundations.</p> <p>To know terms used in brick works and types of bond.</p> <p>To understand types of floors, walls and partitions.</p> <p>To know types of wood working joints and know terms used in carpentry.</p> <p>To know composition of oil paint.</p> <p>To know painting various surfaces.</p>	<p>Completely studied this course, trainees will be able to get basic knowledge of building materials and construction and understand about the application of construction such as;</p> <ol style="list-style-type: none"> 1. Understand the basic types of structures 2. Select the site and preparation of the site 3. Study about the foundations 4. Application of brick works 5. Know about the floors, walls and partitions 6. Apply the techniques of joints in carpentry 7. Working of paints and varnishes
2.	Basic Engineering Drawing (CE – 11011 , 12011)	<p>To enable students to learn basics of general drawing and civil engineering drawing.</p> <p>To enable to construct a complete building by understanding drawing sheet when students become builder engineers.</p>	<p>The expected outcome after successful completion of the course lies in the competency of a trainee by meeting the objective of the course. The trainee area supposed to get the following competencies to become competitive technical teachers.</p> <ol style="list-style-type: none"> 1. Know how to write lettering in engineering drawing

			<p>2. Know how to draw visible line, invisible line, centre line, section line, cutting line, extension dimension line and arrow lines.</p> <p>3. Know how to draw orthometric drawing from isometric drawing.</p> <p>4. Know how to draw isometric drawing from orthometric drawing.</p>
3.	1G-workshop	<p>To familiar the tools which used in the work of carpentry and masonry</p> <p>To make the jobs systematically</p> <p>To know the about the various types of joints in woodworking and various types of bricklaying</p>	<p>The students are supposed to get the following competencies to become a desirable technical teacher:</p> <p>1. Realize the important of workshop practices.</p> <p>2. Solve the difficulties found in carpentry and masonry work</p> <p>3. become a skillful labour in the constructions</p>