

Curriculum Mapping

School IBHS School Year 2009-2010

Teacher _____ Email Address _____

Course B.C. Grade Level 11 &12 Page 1

Month	ILS	Content	Skills	Assessments	Resources
August	6.A.5 6.C.4 6.C.5	Plot Plans	Know and Be able to identify a typical plot plan Visualize land formations from contour lines properly locate a building on a building site be able to draw a plot plan	Work book Quiz Test Hands on assessments	Text book Instructors guide Lecture Demonstration
September	6.A.5 6.C.4 6.C.5 9.A.4 9.A.5 7.A.4 7.B.4 7.C.4 7.B.5	Footings, Foundations and concrete Foundation plans Sill and floor construction	be able to stake out a house Know the different types of foundations Be able to choose the best material type for the job Calculate loads Identify the different parts of a foundation plan Know the difference between a foundation plan and a basement plan Design and draw a foundation plan for a typical residence Recognize the difference between platform and balloon framing Plan the appropriate floor system Determine the size and spacing of the floor joist Describe the different components of the floor system	Work book Quiz Test Hands on assessments	Text book Instructors guide Lecture Demonstration

Month	ILS	Content	Skills	Assessments	Resources
October	6.A.5 6.C.4 6.C.5 9.A.4 7.B.4 7.C.4 7.B.3	<p>Wall and ceiling construction</p> <p>Roof designs</p> <p>Floor Plans</p>	<p>Name the members of a typical frame wall</p> <p>Explain different methods of wall framing</p> <p>Interpret span data charts</p> <p>Sketch the various types of exterior walls used in construction today</p> <p>Sketch the ten different types of roof designs</p> <p>Describe the construction of a typical frame roof</p> <p>Interpret rafter span charts</p> <p>Draw a roof with a typical slope</p> <p>Explain the importance of proper ventilation and flashing</p> <p>List the information required on a typical floor plan</p> <p>Be able to use typical architectural symbols</p> <p>Design and draw a typical floor plan with dimensions</p>	<p>Work book</p> <p>Quiz</p> <p>Test</p> <p>Hands on assessments</p>	<p>Text book</p> <p>Instructors guide</p> <p>Lecture</p> <p>Demonstration</p>
November	9.D.3 6.C.4	<p>Doors and windows</p> <p>Stairs</p>	<p>Recognize the function that doors and windows perform</p> <p>Compare the different types of doors</p> <p>Know the different types of door and window symbols</p> <p>Know and understand the importance of a door and window schedule</p> <p>Define common stair terminology</p> <p>Know the different stair designs</p> <p>Design a set of steps</p>	<p>Work book</p> <p>Quiz</p> <p>Test</p> <p>Hands on assessment</p>	<p>Text book</p> <p>Instructors guide</p> <p>Lecture</p> <p>Demonstration</p>

Month	ILS	Content	Skills	Assessments	Resources
			Perform sair calculations Draw a structrial detail		
December	6.C.4 6.D.4 7.A.4 7.B.4	Residential electrical	Define typical residential electrical terms Plan for the electrial needs of a moderon home Identify the three common types of circuits used in residential structures Calculate the circuit requirements of a residence	Work book Quiz Test Hands on assessments	Text book Instructors guide Lecture Demonstration
January	7.C.4	Electrical Plan	Decribe an electrical plan and identify its features Know electrical symbols Compile a circuit data chart Draw an electrical plan for a residential structure	Work book Quiz Test Hands on assessments	Text book instructors guide Lecture Demonstration
February	7.C.4 6.C.4	Residential plumbing Plumbing Plan	Know the purpose of the residential plumbing system Identify the parts of the water supply system Draw a plan for the supply and removal system Explain the layout of the sewage diposal system Explain the purpose of the plumbing plan Know the symbols for fixtures Draw a plumbing plan Compile a plumbing fixture schedule	Work book Quiz Test Hands on assessments	Text book Instructors guide Lecture Demonstration
March	6.C.4	Estimating building cost	Know what is involved in building cost Complie a material list Compile a sub contractors Bid list	Work book Qiiz Test Hands on assessments	Text book Instructors guide Lecture Demonstration

Month	ILS	Content	Skills	Assessments	Resources
April		Introduction to cad	Explain the benefits of using cad Know why cad is important in the construction field	Work book	Text book Lecture Demonstration
May		Career oportunities	List various career options in residential construction Compare the duites and educational requirements for different fields of study	Work book	Text book Lecture
June					