



W E E K 1

W E E K 2

TIMES	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	W E	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
08:00 – 9:00	Sign in and morning reflections on expectations AFTER BREAKFAST						Sign in and morning reflections on expectations AFTER BREAKFAST					
09:00 – 10:30	INTRODUCTION Reason for earthworks and types of earthworks	Learn how to use survey equipment; practical surveying and design of dams and swales	Specifics of dam construction and design issues	Integration of swales into a system including planting-up of the system	House Sites/ Benches/ Terraces	SATURDAY & SUNDAY ARE DAYS OF REST	Design systems with multiple elements and connectivity	Survey of dams. Break into groups for survey dam design sites	Survey and design the Integration of swales into a system including planting-up of the system	Surveying and design of potential 1 hectare sites for earth works. Break into groups for survey designs sites	Stability Plant-Ups and Erosion Control design after earth works	
10:30 – 10:45	MORNING TEA						MORNING TEA					
10:45 – 12:30	Earthwork elements and types of machines	Learn how to use survey equipment; learning practical surveying and design of dams and swales	Specifics of swales	Visit existing swale sites	Access tracks/ driveways/ crossing pipes		Placing of swivel pipes and crossing pipes	Presentation and questions and answers from class and for consultancy	Presentation and questions and answers from class and for consultancy	Presentation and questions and answers from class and for consultancy	Presentation and questions and answers from class and for consultancy	
12:30 – 13:00	LUNCH						LUNCH					
13:00 – 15:00	Tour of the farm to identify the different elements on the farm	Questions and answers from the class	Questions and answers from the class	Questions and answers from the class	Miniature Earthworks Exercise by students		On the ground practical with the earth mover	On the ground practical with the earth mover	On the ground practical with the earth mover	On the ground practical with the earth mover	On the ground practical with the earth mover	
15:00 – 15:15	AFTERNOON TEA						AFTERNOON TEA					
15:15 – 17:30	On the ground practical with the earth mover	On the ground practical with the earth mover	On the ground practical with the earth mover	On the ground practical with the earth mover	On the ground practical with the earth mover		On the ground practical with the earth mover	On the ground practical with the earth mover	On the ground practical with the earth mover	On the ground practical with the earth mover	On the ground practical with the earth mover	
17:30 – 18:00	Evening Reflections on the good and bad points of the day BEFORE DINNER							Evening Reflections on the good and bad points of the day BEFORE DINNER				