

Design.Edu.Media.Research

6 Southay, Bratton, Westbury, Wilts. BA134RT.UK Skype: Richardperkins1 Email: Integralpermanence@gmail.com

Permaculture Design Course

Richard Perkins. Dip. Ap. PC Design. HND Organic Crop Production

Course context and our approach

The schedule for this PDC is made up of four main class times of 1.5 hrs. with an optional evening session to extend the days learning or weave in elements from related but non curriculum based activities. These activities include skill- shares, World Café, film nights, presentations and knowledge pools and some practicums like preparing fermented foods, for example. **Integralpermanence** is committed to upholding the integrity and high standard of Permaculture Design training that is essential to effectively see this vital design science spread rapidly globally. Valuing the human element inherent to Permanent Culture, our courses extend the traditional PDC curriculum by integrating continual participatory community building and self- leadership development exercises which leave participants with tangible skills to support their continued work in their own communities after the course. We have also found this to be very effective to support the dynamic learning environment during the course.

Having observed the varying quality and caliber of trainings around Europe and the rest of the world it is part of our strategy to remain true to the originators' intended formats for our trainings, understanding the clarity behind this intention. As such our certification from the leading global institute, PRI, ensures you are getting a world class, up to date training from a field trained experienced educator who has been personally vetted and assessed. We are also certified by the PC Assoc. UK, which requires teachers to have practical and design training to a minimum standard. It is clearly enriching, (if not essential), for professional designers/ teachers to study and work regularly in all climatic zones, and our diverse experience in design/ education/ implementation around the world greatly informs our work and deeply benefits our students learning. The primary aspect of courses by **Integralpermanence** that make them effective is the commitment to returning the **DESIGN** to Permaculture Design Courses, through engaged participatory design exercises regularly throughout the course.

We dynamically weave lecture story- telling with hands on practicums and regular design exercises designed to leave students tooled up with the skills and techniques to leave the course fully prepared to apply PC design to all aspects of their lives. Applying the understanding to the surrounding environment as much as possible, and relating to case studies allowing students to synthesize the diverse material effectively. Our courses are designed to cater for Visual, Auditory and Kinesthetic learning preferences to enable rapid and effective synthesis of this vital study. The course schedule is actually a constantly evolving entity because we are always re-evaluating to leverage any opportunity to improve details of our curriculum or it's delivery; as Permaculturist's we apply design process to our work continuously. Part of our role is keeping up to date with the latest global developments in all aspects of Permaculture Design and Regenerative Agriculture. We also recognize the uniqueness of each site (due to factors such as culture, climate, and resources) and adjust the structure to leverage effectiveness in a given circumstance and integrate the shared experience of participants.

Daily Schedule

Session Name	Time	Minutes
Α	09:00 – 10:30	90
Break	10:30 – 11:00	30
В	11:00 – 12:30	90
Lunch	12:30 – 14:00	90
С	14:00 – 15:30	90
Break	15:30 – 16:00	30
D	16:00 – 17:30	90
E	OptionalEvening	
	Session	







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Outline Schedule

Please note to receive an Internationally Accredited PDC certificate you are required to fully participate in the course

Day 1 Plantin	ng the Permaculture seed	Example Evening/ Additional/Practicum/
Day i Fiailtli	ny more ennaculture seeu	Design information
Orie	entation + Tour of Site	
 Cla 	iss Introductions, Schedule Overview	
• Intr	o "buddy" session	
 Def 	finitions of Permaculture	
• Brie	ef History of Permaculture	
	ere are we at today?	Neural Frankriger (Friender De Deuse)
 Per 	rmaculture in landscape/ society/ community context	Neural Ecology (Edward De Bono)
• The	e evidence of why we need to act, key global challenges	Understanding patterned individual thinking and tools for collaborating
• Uno	derstanding Exponential Function	tilliking and tools for collaborating
	dence for PC	
 His 	tory of Agriculture in last 10,000yrs> Social consequences	
	losophy and concepts	
• Eth	ics Interactive> "Anthrographs"	Evening Activity
Prir	nciples of Permaculture	Fermented food/ beverages Practicum
		Food Preservation & Nutrition Presentation
Day 2 Desigr	n Process and Methodology	
• Des	sign Process Intro	
 Des 	sign Process Intro	
• Uno	derlying principles and natural laws	
• Tra	dition, culture anthropology perspective of learning/ governance	
	sign/ strategy & Techniques	
 Key 	vline Scale of Permanence	
• Me	thods of Design	
 Arti 	iculate Goals	
• Ana	alysis and Assessment	
	sign Phase: Methods of Design	
	blement	
• Eva	aluate	
• AC	RONYM's	
 Slo 	pe, Key Points, orientation, aspect, data overlay	
• Zor	nes and their placement	Practicum, making 18 day compost
• Hov	w it relates with Sector Planning	5 · · · · · · · · · · · · · · · · · · ·
• Des	signing in zones 1, 2, 3, 4 and 5	Trust Building activity & reflection
Rar	ndom assembly	
	ective collaboration	Evening Activity
• Inci	remental design	Film night
	nctional Interconnections and Leverage in design	
	ccession on the land and of projects	
• Ma	pping, GIS systems, Advanced Design	
Day 3 Pattern	n Understanding	
• Ob	servation walk	
	deshow global patterns	
	rapolate key forms and identify function	
	e Scale of Permanence as an effective organizing pattern for Permaculture	
	sign	
	re model pattern	
	dern patterns & images in culture	
	iversal patterns micro to macro, emptiness and form	
	wers of Ten, the pattern of the universe	Quick Group Design, Redesigning the
	ending and optimizing edges	space with a Pattern Language
	undary conditions	Europing Activity
	mpatibility/ Tessellation/ Communication	Evening Activity
• Tra	ditional use of patterns globally	Social space



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Evolution through Design

Permaculture Design Services

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 Soils direct link to health Decay/Fertility 	•		
Decay/Fertility	•		
			Practicum, eg, Making Bio Fertilisers
Mulah avatama/ tumaa Biashar			
pri		•	maion systems/ types, blochar
Carbon Is day Compact and Vermisempost Evening Activity	•		Evening Activity
Slidoshow/ Film	•		0
Actively Aerated Compost Tea	۰	Actively Aerated Compost Tea	Sildesilow/ Fillit
BioFertiliser	٠	BioFertiliser	
Terra Pretta	•	Terra Pretta	
		Jean Pain	



Permaculture Design Services

Evolution through Design

6 Southay, Bratton, Westbury, Wilts. BA134RT.UK Skype: Richardperkins1 Ema	il: Integralpermanence@gmail.com
Keyline	
Non- Inversion ripping	
Biological Monitoring	
Holistic Management Grazing Planning	
Biomimicry	
Pasture Cropping	
Day 7 Trees and their functions/ uses	
Trace and their Energy Transactions	
 Trees and their Energy Transactions Soil biology/ complexity pasture/horti/food forest/ forest 	
 Understanding trees> Forest & Functions 	
Climatic Variances	
Trees in a wider landscape/ cycle context	Short group design exercise or Teacher
Root, mineral and rain interactions.	demonstration of design approach with
Implications for design, Windbreaks	participant's site/ data projected
Various types of forest.	Desision Melvinn evension 9 reflection
Establishing trees	Decision Making exercise & reflection
Ground Prep	Evening Activity
 Establishing a nursery seed collection and in ground plant stock 	Evening Activity
Fruit trees from seed	Film night/ World café
Nursery Considerations	
Sustainable Forestry & Coppice	
Forest Gardening	
Guilds and stacking	
Mycology & Mushroom production	
Innoculants	
Agroforestry	
 Global weather patterns Precipitation, radiation and wind Microclimate features and leveraging in design Group Observation/ Species assembly Design Exercise onsite or on maps of own properties Humid Vs Brittle landscapes, how it effects design Implications for Climate Change, Micro/Local/ Regional Climate Implications Latitude and altitude Major landscape features/design components/ cropping strategies/ Energy considerations/ Natural building slideshow Materials/ Techniques Animal considerations/building requirements with regard to> Cold Temperate strategies Arid Strategies Sub-tropics/ Tropics strategies 	Practicum, site dependent, eg, clay oven, plastering, natural paints Evening Activity Natural Building slideshows
 Day 9 Urban Permaculture and Money Urban slideshow 	
Food in the city	Creating value in our community, gift
Bio- intensive food production	economy circle
 Biological pest control> 	Short group design, eg, small enterprise/
 Recap soil health, Mulch, Preparations, Interventions, Last resorts 	social enterprise/ urban garden design
• CSA's	social enterprise/ urban garden design
Allotments/ Community gardens	
Schools for the future	
Understanding money, energy flows	Evening Activity
Finances	Appropriate Tech slideshow eg, Jean Pain
Getting over "green" money blocks	systems/Methane, PV Solar, Hydro,
	Solar Thermal, Wind, Biomass,

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•	Right Livelihood	GeoThermal, Rocket Stoves, Steam,
•	Different forms of capital	System Integration
•	Social Enterprises, case study	
•	Intercepting waste streams, case study	Possible Mulch/ Planting/ Maintenance/
•	Crowd Sourcing, case studies	Alt. Tech practicum dependent on
•	LETS	course specifics
•	Transition Towns	
Day 10	Tropics/ Sub Tropics	
•	Climate types, tropical soils and	
•	Earthshaping for soil/ water conservation	
•	House design and zone 1 planning	
•	Integrated land management	
•		
	Elements of a village complex in the tropics.	Meier group design eversion hegines
•	Evolving a polyculture, themes on a palm dominant polyculture.	Major group design exercise begins>
•	Pioneering, animal tractor systems and grassland and rangeland management.	Flow chart to recap process, standard
•	Humid tropical coast stabilization and shelterbelts.	expected
•	Case Studies & References.	
	Temperate Strategies	
-	Characteristics of a humid and alimate asile landform and water encounting	
•	Characteristics of a humid cool climate, soils, landform and water conservation.	
•	Settlement and house design, the home garden, berry fruits, glasshouse growing.	
•	Orchards, farm forestry, free range forage systems, the lawn.	
•	Grasslands, rangelands, cold climates, wildfire.	
•	Designers check list.	
•	Case Studies & References.	
Day 11 /	Animals in Permaculture	
•	Recap on 10,000yrs of farming	
•		
	Right animals for the job	
•	Regenerative Agriculture	
•	Allowing animals to express their "animalness"	
•	Input/ Output analysis	
•	Bees	
•	Poultry	
•	Pigs	
•	Cattle	
•	Case studies, regenerative agriculture eg, Polyface and Krematahoff	
•	Polymarketing	Major group design exercise time
•	Legalities	major group doorgn exercise time
•	Integrative systems, pulling it all together connecting all the dots	Evening Activity
		Film night/ World Cafe
Day 12 I	nvisible Structures	
•	Bioregionalism	
•	Eco villages	
•	Community	
•	Governance & Decision-making	Leadership exercise & reflection on
•	Legal considerations	leadership models
•	Land Access	
•	Project Costing & Scheduling	Major group design exercise time
•	Due Diligence	
		Evening Activity
•	Holistic Management Decision/ Economic planning	Social evening, eg, Pizza Party



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 Day 13 Harvesting what we've sown Major group design wrap up Propagation and Grafting Practicum Pollination and Seed Saving Energiser activities Presentations and feedback Tidy up, photographs with all design work, discuss development over course 	Major group design final wrap up session Evening Activity The great, the only, (NO) TALENT SHOW! Sustainable participatory fun and celebration of all that has been achieved and all that we will do from here
Day 14 Moving on What's next? Diploma/ GU The wider networks Careers in Permaculture Resources Feedback Group Photos Email lists/ Contact groups	Certificate ceremony Lunch Departures