

قسم تقنيات النباتات الطبية والنواتج الطبيعية/ مفردات المنهج

المرحلة الأولى

الفصل الدراسي الأول

اساسيات تربة نظري

Delivery Plan (Weekly Syllabus)	
	Material Covered
Week 1	What is soil, the purpose of studying it, soil science, its branches, and the basic components of soil.
Week 2	Weathering, its types, factors, composition of the original material.
Week 3	Soil formation and development, soil formation factors.
Week 4	Soil morphology, soil depth, soil horizons, soil color, and other morphological characteristics.
Week 5	Physical properties of soil and their relationship to plant growth.
Week 6	Physical properties of soil and their relationship to plant growth
Week 7	Liquid phase of soil, soil relationship with water, water constants, soil water classification.
Week 8	Soil colloids, clay minerals.
Week 9	Chemical properties of soil, soil interaction, ion exchange, cation exchange capacity.
Week 10	Organic matter in the soil, its sources, importance, components, and decomposition.
Week 11	Soil salinity, sources of salinity, causes of salinity, classification of salinized soils, reclamation of saline soils, inspection of salinity...etc
Week 12	Soil fertility, macro and micro nutrients, their importance, sources, and symptoms of deficiency.
Week 13	The relationship of soil, water and plants.

Week 14	Soil classification
Week 15	Iraqi soil
Week 16	Exam

اساسيات تربة عملي

Delivery Plan (Weekly Syllabus) , Delivery Plan (Weekly Lab. Syllabus)	
Week	Material Covered
Week 1	Definition of calculator - calculator generations - hardware and software components
Week 2	MS-Dos operating system, system concept, system signal, disks, directories and their levels, files, internal and external commands
Week 3	Internal and external operating system commands.
Week 4	Windows operating system, system concept, advantages, basic requirements, system operation, desktop components
Week 5	The concept of icons, the method of dealing with the mouse, the importance and components of the Task Bar, the Start menu, and exiting the system
Week 6	Formatting disks, copying files and folders, taking advantage of Cut and Paste operations, dealing with the Recycle Bin, how to delete files and recover them.
Week 7	Take advantage of Control Panel programs,
Week 8	Change the desktop background, control the Screen Saver, Add and remove programs to the start menu.
Week 9	Taking advantage of the Run command to execute programs directly.
Week 10	Use entertainment programs, Window media player, and take advantage of additional programs. Accessories
Week 11	Use entertainment programs, Window media player, take advantage of additional programs, and use the calculator.
Week 12	Working with the Paint drawing program to create, save and retrieve drawings. Dealing with Office applications. How to get help Help.
Week 13	The concept of computer viruses, how they are infected, types of viruses, how to treat them and deal with them using anti-virus programs.
Week 14	Windows 7 operating system, American company Microsoft, the company's official website www.microsoft.com
Week 15	. Dealing with desktop icons, dealing with the components of the My Computer icon in terms of disks, folders, and files.
Week 16	final Exam

