

Targeted learning


Electromagnetic fields

Module 1	Introduction
	<ul style="list-style-type: none">– Electromagnetic fields– Electric and magnetic fields– Reactive, near and far field zones
Module 2	Safety code 6
	<ul style="list-style-type: none">– Maximum exposure limits, 3 KHz to 10 MHz– Specific absorption rate limits– Near and far fields
Module 3	Effects
	<ul style="list-style-type: none">– Direct and indirect effects– Exposure to static fields– Frequencies lower than 100 KHz– Frequencies above 10 MHz– Frequencies ranging between 100 KHz and 10 MHz
Module 4	Sources
	<ul style="list-style-type: none">– Six families of electromagnetic radiation sources– Common devices as sources of radiation



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Module 5	Controlled environment	
	<ul style="list-style-type: none">– Inventory of radiation sources– Workstation analysis– Specific risks	
Module 6	Protective measures	
	<ul style="list-style-type: none">– Source reduction– Distance– Protection infrastructure– Personal protection– Signage	
Module 7	Conclusion	