

Introduction to ArcIMS

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Geomatics Course Catalog

Course Title	Course Description	Duration (Days)
Introduction to ArcIMS	<p>This course is designed for the new ArcIMS administrator/developer who requires basic knowledge to creating and maintaining geography-based web sites. It incorporates the fundamental concepts and workflows for creating geography-based web sites.</p> <p><i>Objectives:</i> The primary objective of this courseware is to teach the participants to be familiar with architecture and workflow of ArcIMS.</p> <p><i>Pre-requisite:</i> This course is structured at a basic level. No prior knowledge of GIS or Web technology</p> <p>Course Outline:</p> <ul style="list-style-type: none"> • Chapter 1: ArcIMS overview <ul style="list-style-type: none"> ▪ Introducing ArcIMS ▪ What is ArcIMS ▪ Multitier & clientside architecture ▪ ArcIMS tools/utilities • Chapter 2: ArcIMS Author <ul style="list-style-type: none"> ▪ Features and Tools of ArcIMS Author ▪ How to use create and maintain map configuration files ▪ Authoring in ArcIMS Manager • Chapter 3: Designing ArcIMS Web sites <ul style="list-style-type: none"> ▪ Design consideration ▪ Creating geography-based web sites using ArcIMS Designer • Chapter 4: ArcIMS Viewer <ul style="list-style-type: none"> ▪ HTML viewer ▪ Java Standard Viewer ▪ Java Custom Viewer ▪ Functions and Tools of HTML Viewer • Chapter 5: ArcIMS Administrator <ul style="list-style-type: none"> ▪ ArcIMS Administrator ▪ ArcIMS Spatial Server ▪ Tuning Consideration ▪ Administrator Message Console ▪ Saving and refreshing map services • Chapter 6: Using ArcXML <ul style="list-style-type: none"> ▪ What is XML? ▪ HTML versus XML ▪ ArcXML terminology and syntax ▪ ArcXML request and response ▪ Map configuration file's element • Chapter 7: HTML Viewer <ul style="list-style-type: none"> ▪ HTML Viewer frames ▪ Usage and purpose of HTML Viewer files ▪ Basic customization • Chapter 8: Java Viewer <ul style="list-style-type: none"> ▪ Advantages of Java Viewer ▪ Java Custom Viewer files ▪ Using the Java Viewer Object Model • Chapter 9: ArcIMS architecture and installation 	2

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Course Title	Course Description	Duration (Days)
	<ul style="list-style-type: none"> ▪ ArcIMS components ▪ ArcIMS connectors ▪ System requirement ▪ Type of installation ▪ Web server configuration ▪ ArcIMS Diagnostics 	