# Course Syllabus

## Section 1

### Overview of the Course and Geo Apps

Geo-enabling means more than plotting dots on a map. This section provides an orientation to the course and thoughts about how web maps and geo apps can be valuable tools.

## Section 2

### Data For Your Maps

This section explains how good data is crucial for good apps, and how open data, shared by local or federal governments, can be one solution. Learn to configure web app templates and show how citizens can make the most of their mobile devices.

## Section 3

### Smarter Communities Through Crowdsourcing

Learn to configure apps that tell your community's story. Collect data using crowdsourcing with a Survey123 form, and then display the results in an Operations Dashboard.

## Section 4

### Geo Apps for Analysis

See how an organization can use Esri's Web AppBuilder to create more powerful geo apps, to describe the demographics of an area or help citizens or field crews work smarter.

## Section 5

### Native Apps on Your Smartphone

Geo apps are valuable in the form of native apps, not just web apps. Use Esri's AppStudio to create native geo apps, without any coding, that can run on your favorite mobile platform.

## Section 6

### Coding to Extend Apps

Go from configuring to extending geo apps, using powerful APIs and SDKs to modify the code inside. Discover the GeoDev community on DevLabs and GitHub, discover documentation and sample code, and extend any web app using our JavaScript sandbox.

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# Esri® MOOC
## TIPS FOR SUCCESS

**Esri massive open online courses (MOOCs) are engaging, educational—and most of all, fun. For the best experience:**

### CHECK YOUR TECHNICAL SETUP

**1**

**Esri software is provided for your use during the course.**

▸ Carefully read the Software section on the course catalog page to confirm you have any non-Esri software required and that your system meets all hardware requirements.

▸ Use a desktop computer—not a smartphone or tablet.

▸ Use a browser with a PDF reader plug-in installed.

▸ Make sure your firewall and browser settings allow you to view embedded video files.

### STAY ON TRACK IN COURSE EXERCISES

**2**

**To easily move back and forth between step-by-step exercise instructions and Esri software:**

▸ Print the instructions, use two monitors, or view the instructions on a separate device.

### MANAGE YOUR TIME

**3**

**To earn a certificate of completion, complete all course content by the course end date.**

▸ Plan to spend at least three hours per week on each section.

▸ Add the course end date to your personal calendar and set reminders to study.

### BE AN ACTIVE LEARNER

**4**

**Practice independent learning and engage with your peers.**

▸ Complete each section during its opening week and participate in forum discussions.

▸ Read weekly announcements for course updates and interesting student contributions.

▸ When you have a question or issue, follow the steps on the course Help page.

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