




# CITY OF RAPID CITY

---

Growth Management Department  
300 Sixth Street  
Rapid City, South Dakota 57701-2724

## MEMORANDUM

TO: Legal and Finance Committee

FROM:  Marcia Elkins, Director  
Growth Management Department

DATE: January 31, 2007

RE: Travel Request for Bimende Malik

Staff requests City Council approval of the travel request for Bimende Malik, GIS Analyst, to attend the ESRI instructor led training Developing Applications with ArcGIS Server Using the Microsoft .NET Framework. The advanced course will permit staff to understand the components of the ArcGIS Server Web ADF; apply development rules for working with the Server API in Web applications; develop custom Web applications using the ASP.NET ADF Web controls; develop custom commands and tools; build and deploy custom tasks using the Manager task framework; and, use server object extensions and custom data sources.

The cost of travel is estimated at \$2,250.00 and includes the following expenses:

\$245.00	mileage reimbursement (610.95m x 2 x .20)
\$180.00	Meals
\$400.00	Lodging for four days
<u>\$1,425.00</u>	<u>Registration</u>
\$2,250.00	Total Travel Estimate

**Staff Recommendation:** Staff recommends approval of the travel request for Bimende Malik, GIS Analyst, to attend the ESRI instructor led training Developing Applications with ArcGIS Server Using the Microsoft .NET Framework in St Paul, MN, June 5, 2007 – June 9, 2007 in an estimated amount of \$2,250.00.



**CITY OF RAPID CITY  
TRAVEL REQUEST**

Person requesting travel Bimende Malik Department Growth Management

I hereby request permission to travel for the following purpose: (Give specific nature of business and interest of the City to justify cost involved.)

Developing Applications with ArcGIS Server Using the Microsoft .NET Framework

List all other City employees, if any, making the trip for the same purpose: na

Place of meeting or destination: St Paul MN

Date of meeting June 6-8, 2007

Date trip to begin 6-5-07 Date trip will end 6-9-07

Method of transportation requested personal vehicle

Estimated transportation cost \$ 245.00

Meals 180.00

Lodging 4 days 400.00

Other costs - description registration 1,425.00

Total estimated cost of trip \$ 2,250.00

Signed [Signature] Date 1/18/07  
(person requesting travel) (Department Head)

When the cost of the trip will exceed \$500, per employee, this section must be signed.

In accordance with the provisions of Rapid City ordinances and travel regulations, consent is hereby given for travel as requested in the foregoing application. Maximum cost of trip authorized is \$ \_\_\_\_\_

Approved: \_\_\_\_\_ Date \_\_\_\_\_  
Mayor

When the cost of the trip will exceed \$1,500, per event, Council approval is required.

Approved by Common Council on \_\_\_\_\_ (Date)

| [Home](#) | [Course Catalog](#) | [My Training](#) | [Library](#) | [ESRI Press](#)

[Learning Center Locations](#) | [Types of Training](#) | [Contact Us](#) | [Login](#)

[Home](#) > [Course Catalog](#) > [Course Description](#)

## Developing Applications with ArcGIS Server Using the Microsoft .NET Framework

3 days (24 hours) **IL**

Authored by ESRI

### Overview

ArcGIS Server provides a set of software components and a framework for developing centrally managed GIS applications. This advanced course introduces the ASP.NET Web Application Developer Framework (ADF) and teaches how to build custom ArcGIS Server applications. Students learn about the available libraries, application programming interfaces (API), and server development guidelines, and how to develop different types of Web applications. In course exercises, students build applications ranging from ASP.NET Web applications that use the ADF Web controls to ArcGIS Explorer custom tasks and server object extensions. Students also learn how to extend the ADF with custom buttons and tools through the new task framework.

Those completing this course will be able to:

- Understand the components of the ArcGIS Server Web ADF.
- Apply development rules for working with the Server API in Web applications.
- Develop custom Web applications using the ASP.NET ADF Web controls.
- Develop custom commands and tools.
- Build and deploy custom tasks using the Manager task framework.
- Use server object extensions and custom data sources.

### Topics Covered [Show/Hide](#)

#### Who Should Attend

This course is designed for experienced ArcObjects programmers who have Internet development experience using ASP.NET and the Microsoft .NET Framework 2.0.

#### Prerequisites

Students should have completed [Introduction to ArcGIS Server](#) or have equivalent knowledge. Students should also have experience programming with ASP.NET 2.0, COM, and ArcObjects. Familiarity with Internet protocols, Web services, and the *ArcGIS Desktop Developer Guide* is recommended.

#### Software Used in Course

ArcView 9.2; ArcEditor 9.2; ArcInfo 9.2

ArcGIS Server 9.2

### Course Registration

\$1,425.00 USD (per student)

### Class Schedule

ESRI will teach this course at your facility for \$11,025.00 USD. Find out more about [client site classes](#).

### Related Links

- [How do I register for instructor led courses?](#)
- [Payment options](#)
- [Pricing for training](#)
- [Printer friendly description](#)
- [E-mail a friend](#)
- [Bookmark this page](#)

[Home](#) | [Course Catalog](#) | [My Training](#) | [Library](#) | [ESRI Press](#)

[Send Web Site Comments](#) | [Copyright © ESRI](#) | [PRIVACY](#) | [Legal](#) | [Careers](#)

[Home](#) | [Course Catalog](#) | [My Training](#) | [Library](#) | [ESRI Press](#)

[Learning Center Locations](#) | [Types of Training](#) | [Contact Us](#) | [Login](#)

[Home](#) > [Instructor Led Class Schedule](#)

## Instructor-led Class Registration Request

Review Request

Step 4 of 5

Please review the information below and verify it is accurate. If you need to make changes, go back and update the information.

### Contact Information

**Organization:** City of Rapid City  
**Training Contact:** Bimende Malik  
**E-mail:** bimende.malik@rcgov.org  
**Telephone:** 6053944120

### Course and Student Information

**Developing Applications with ArcGIS Server Using the Microsoft .NET Framework**  
 Version 9.x  
 Class ID: 50107033

06/06/07 - 06/08/07 | 8:30 AM - 5:00 PM  
 Saint Paul, Minnesota  
 1 @ \$1,425.00  
 \$1,425.00

First Name	Last Name	Email Address	Job Title
Bimende	Malik	bimende.malik@rcgov.org	Systems Software Analyst/Programmer

Sales tax, where applicable, will be shown on your invoice.

**Total: \$1,425.00**

### Payment Information

**Special Instructions** City Council has to approve the travel request in 2 weeks. The PO Number will be released then. Thanks.  
**Payment Method** Purchase Order  
**P.O. Number** PENDING

[Back](#)

[Next](#)

[Home](#) | [Course Catalog](#) | [My Training](#) | [Library](#) | [ESRI Press](#)

[Send Web Site Comments](#) | [Copyright © ESRI](#) | [PRIVACY](#) | [Legal](#) | [Careers](#)