Introduction to Business Central Development

Duration:	2 Days
Delivery Method:	Group Internet – Via Microsoft Teams Meeting
Instructor:	Bryce Menadue
Difficulty Level:	Beginning and Intermediate

Workshop Objectives:

This workshop will introduce you to Microsoft's new development standards for Business Central and provide opportunities to practice. By learning and applying the principles in this workshop, you will leave with a fully functional Extension written in AL code.

Topics covered include:

- What are Extensions?
- What is Visual Studio Code?
- How does Innovia use Source Control in Business Central?
- How to build your first extension
- Extending the base application
- Open / closed principle
- Creating your first set of objects
- Using hooks (Microsoft Events)
- Enums and Interfaces
- Lists and Dictionaries

Preparation:

What you will need for this Workshop:
- Laptop computer
- Development background preferred
- Visual Studio Code downloaded and installed
- Basic knowledge of development for previous versions of Dynamics NAV or Business Central

Schedule – Day 1	
Topic	**Duration**
Introductions / Ice Breaker	15 Minutes
What are Extensions? • Understanding what extensions are • Why is Microsoft making the switch? **Setting up your Modern Development Environment** • What is Visual Studio Code? • Connecting Visual Studio Code to Business Central **Source Control** • Importance of Source Control in Business Central • How does Innovia use Source Control with Business Central? • Other options	3 Hours
Lunch	1 Hour
Your First Extension – Part 1 • Creating your extension • Structuring your extension • Connecting to a sandbox • On-premisese vs. SaaS • Creating your first set of objects	3 Hours
Wrap Up • Discuss any additional questions or concerns • Recap of takeaways	15 Minutes

Schedule – Day 2	
Topic	**Duration**
Review / Questions from Day 1	15 Minutes
Your First Extension – Part 2 • Extending the base application • Open / closed principle • Using hooks (Microsoft Events)	3 Hours
Lunch	1 Hour

Open Forum/Overflow Time
• Introduction to Enums and Interfaces
    o How to use Enums
    o How to use Interfaces
• Bring your own development questions
• Final questions about demo extension
	3 Hours