

# Foundations for Success in Software Development

## **Duration**

1 day

## **Instructor**

Geoff Hewson

## **Class Limit**

20 students

## **Prerequisite**

None

## **Price**

On-site:

Please contact SPC for pricing (contact information on page 2)

Public Training:

\$495 (1 day)

\*Discount available for early registration

## **Materials Provided**

- Student manual containing the course slides
- Student handouts with class exercises and class studies

Industry research indicates that less than 20% of software projects are completed on time or on budget. Of the other 80%, close to half of these projects are cancelled before a product is delivered. This seminar will explore the causes of these spectacular failures, introduce key building blocks of software development, and show how these best practices can increase the success of development projects.

Attendees will learn what are the important disciplines that lead to a successful software project. They will also receive an introduction to implementation strategies.

## **Instructor**

Dr. Hewson is Chief Knowledge Officer and Principal Consultant at Software Productivity Center where he is responsible for articulating and delivering SPC's vision for integrated software process and application lifecycle management solutions. Geoff's 16+ years of IT industry experience include senior positions with Microsoft, Canada's Department of Justice, and Ford Motor Company.

In his career, Geoff has applied his expert knowledge to assist 40+ organizations improve their ability to successfully deliver timely and quality software through business focused solutions addressing diverse problem areas. He has also contributed to a number of industry methodologies, including the Rational Unified Process and the Microsoft Solutions Framework, and Geoff was the chief architect of SPC's SD Productivity Award winning methodware tools. Dr. Hewson holds a Ph.D. in Physical Chemistry from the University of Sheffield, UK.



TRAINING

## Foundations for Success

### **Intended Audience**

This seminar is intended for anyone involved in software development projects. Attendees will be introduced to critical industry best practices in software development. Practices that will lead to successful and stress free project delivery. This is an excellent primer for software professionals seeking an understanding of some high impact ways to achieve software project success.

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For more information on this or other SPC Springboard courses, please visit [www.spcspringboard.com](http://www.spcspringboard.com) or e-mail SPC at [info@spc.ca](mailto:info@spc.ca)

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### **Outline**

#### Software Development Strategies

- Development Life Cycle
- Component-based development
- Build strategies

#### Project Management

- Team Structure
- Planning activities and deliverables
- Requirements management
- Control strategies

#### Configuration Management

- Models
- Configuration control
- Change management

#### Quality Management

- Quality Assurance
- Reviews
- Testing
- Validation and verification



TRAINING

