

# Unit 14: Event Driven Programming

<b>Unit code:</b>	<b>F/601/7281</b>
<b>QCF Level 3:</b>	<b>BTEC National</b>
<b>Credit value:</b>	<b>10</b>
<b>Guided learning hours:</b>	<b>60</b>

## ● Aim and purpose

This unit aims to enable learners to develop the skills and understanding required to design and develop event driven applications.

## ● Unit introduction

Event driven programming is a very flexible way of allowing programs to respond to many inputs or events. Unlike traditional programming, where the control flow is determined by the program structure, the control flow of event driven programs is largely driven by external events. Typically, event loops are pre-programmed to continually look for information to process.

This unit allows learners to become familiar with the underpinning concepts of event driven programming and subsequently to develop particular skills in an event driven language. The unit starts by looking at the features of event driven programming, explores the tools and techniques used in their development and takes learners through design and program development. Learners will use a structured approach to the design and development of applications, ensuring the solution is well documented and tested thoroughly against the original user requirement.

Event handling features in many languages including Visual Basic, Visual Basic for Applications and many other systems.

## ● Learning outcomes

**On completion of this unit a learner should:**

- 1 Understand the features of event driven programming
- 2 Be able to use the tools and techniques of an event driven language
- 3 Be able to design event driven applications
- 4 Be able to implement event driven applications.

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**Mike Jess**



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