



At a glance

Course: **Axon Programmer**

Size: **11 Modules, 53 Topics**


Topics: **programming syntax**

Technology: **SkySpark**

Type: **commercial product**

CPD: **24 accreditation hours**

Key metrics

 Launched
June 2020 1200+ students
certified 50+ international
organisations Global accessibility CPD accredited
courses

Onboarding for Axon Programming

The scripting language at the heart of SkySpark®

PROJECT BRIEF ▲

Fantom Factory wanted to produce a course dedicated to programmers needing to learn the **Axon** programming syntax.

This course would not teach *programming*, only the extensive **core syntax** to use Axon effectively.

Certification would prove a learner's final level of understanding.

CHALLENGES ▲

To accurately test for understanding of new knowledge, we needed to use real **Axon** code. This would require a custom question type with passed in data to work with for each activity.

It was important to synthesise a realistic coding environment, with true error messages and return statements for better learning.

SOLUTIONS ▲

Using a form of unit testing, we developed the **Axon Command Console** as an engine for Axon eLearning activities.

The **Command Console** can be configured for single line expressions or multiple lines for functions. It has its own test suite for question creators to build out these eLearning activities.

Fixed training data for each activity is passed in to ensure the end result of the code can be tested against accurately.

Our programming team researched the practical applications of **Axon** to create typical challenges found/needed in most workplaces.

OUTCOMES ▲

- Students learn at their own pace to ensure understanding.
- **Axon** question types test for the real data result.
- The activities resemble real workplace coding requirements.
- The **Axon Command Console** enables practical activities to "learn by doing".
- Companies around the world rely on this course for new hire recruitment and internal development.