

# Entrust nShield Certified System Engineer Course Description



## About this course

Organizations are becoming ever more aware of the costs, both financial and on reputation, of poorly maintained security in an increasingly hostile environment. Data incursions often have a highly damaging impact on both public and business confidence, adversely affecting future investment and, consequently, growth.

The nCSE provides the training to give your people the knowledge to get the most from your investment. Getting the best from your technology requires a technology, getting the best use from it depends on how much you invest in it. Giving the right people the right information will maximize their effectiveness in protecting your data.

Entrust has an enviable reputation in the field of data protection, with over 40 years' experience. With a dedicated team of 14 consultants Entrust's Professional Services team is well placed to offer expert advice and training on all Entrust hardware security devices, giving you the confidence to deploy efficiently and effectively.

The Entrust nCSE course provides a comprehensive introduction to the whole nShield product family. With a mixture of theory and hands on practical workshops, the nCSE course will provide delegates with the confidence and knowledge to deploy and setup a working security domain that can be fully aligned with your business security needs and requirements.

## Who should attend this course

The nCSE covers a range of areas and is designed for both those with some existing experience of cryptography and to introduce those with limited experience in the cryptographic arena to the basic concepts of cryptography and the role of the hardware security module in modern businesses.

Any employee expected to be working with an nShield unit is advised to attend, as well as members of project and IT management teams working on projects where Entrust hardware security technology is expected to be deployed.

# Course Lessons

## Day one:

- Fundamentals of cryptography
- Introduction to hardware security modules
- Introduction to Security World
- Software installation
- Optional features
- Hardware security module configuration
- Practical session – nShield configuration

## Day two:

- Security World creation
- Practical session – Security World configuration
- Disaster recovery
- Practical session – disaster recovery
- Maintenance
- Remote operator - Introduction
- Secure execution engine (SEE) – overview
- KeySafe GUI
- Exam