



Introduction to Cryptography

Cryptography serves as the cornerstone of cybersecurity and privacy with applications encompassing digital communication, computation, automation, interaction, transaction, and data preservation among others.

In this course, learners will acquire a solid grounding in the essentials of symmetric key ciphers, hash functions, and public key ciphers. They will gain an understanding of encryption and authentication mechanisms commonly employed in practical settings and will also be exposed to the process of critically examining cryptographic systems, identifying vulnerabilities and potential attack vectors.



SSG Funding support is available for this course:

- Fees before SSG funding and GST is S\$2,000.00
- Singapore Citizens (SCs) and Permanent Residents, (Up to 70% funding)
- SCs aged ≥ 40 years old will enjoy the SkillsFuture Mid-career Enhanced Subsidy, (Up to 90% funding)

[Register](#)



Anwitaman Datta:

Associate Professor, CCDS, NTU

Dr Anwitaman Datta has extensive experience in creating and teaching courses across cybersecurity and data science topics, which are also his main areas of research.

Class Schedule:

19 October (Sat) – 26 October (Sat)

Live online sessions on two Saturdays (3pm - 5pm)

Live E-consultation on Wednesday (7:30pm – 9.00 pm)

Additional online learning resources provided for self-paced learning

