

**Module: CST4136 Cybersecurity & Cloud Systems**

**Lab Week: 07**

**Objectives:**

- Understand (HMAC) keyed hashing algorithms and implementation

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- Implement the HMAC hashing routine provided for MATLAB in weekly lab learning materials, which uses keys to hash the message.
- Satisfy yourself it works for messages (evaluate – see the readme.txt file to check how to use/run)
- Convert the program to work for entire files
- Convert to function module which can be called (HMAC.m) so it can be used for final Assessment.

**By the end of the session, you should:**

- Understand how HMAC keyed hashing works

**Resources:**

Provided MATLAB hashing routines