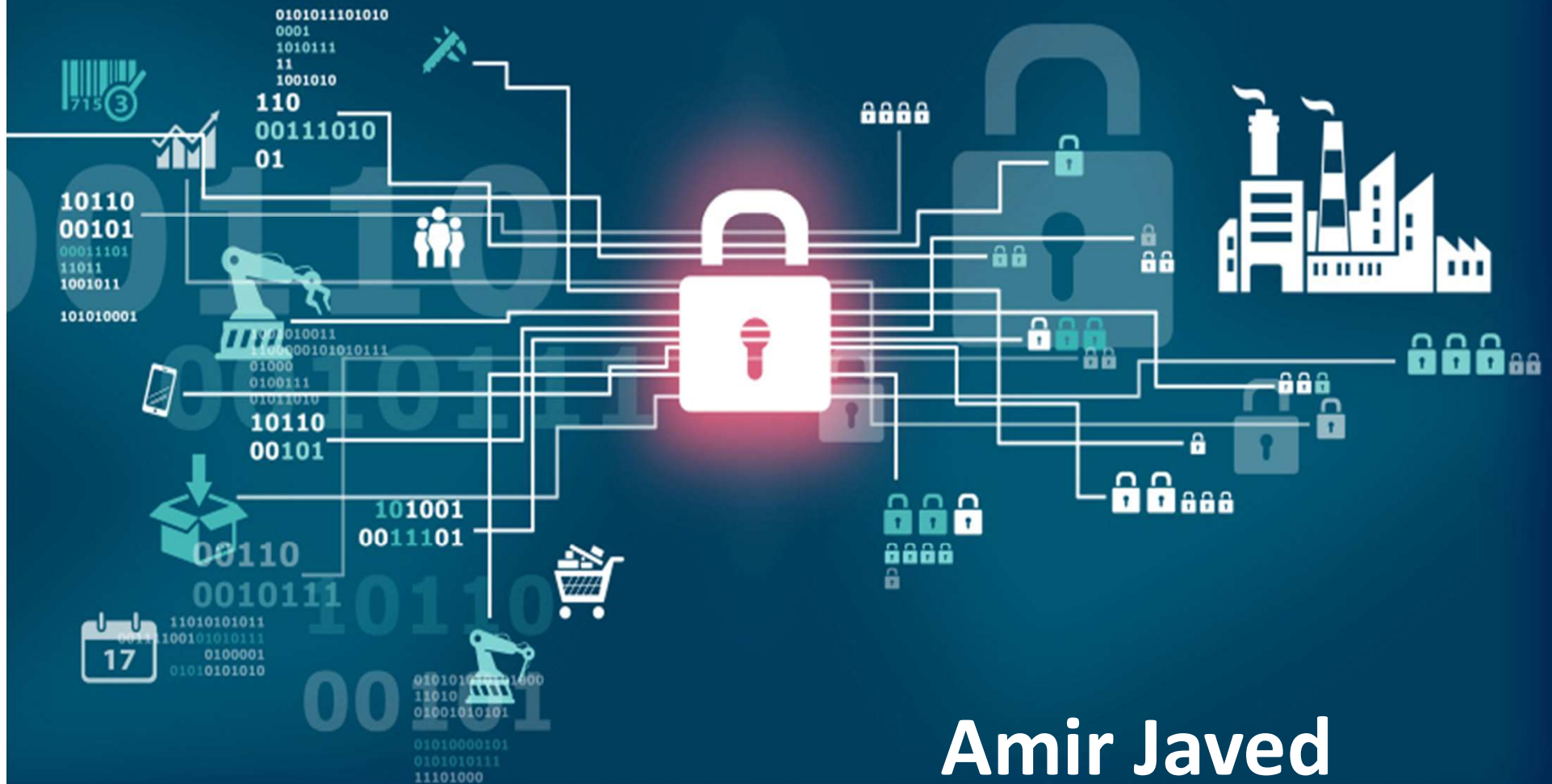


CMT116 Cyber Security & Risk Management



Amir Javed

Cyber Security & Risk Management

Week 1

- Fundamentals
- Key security and risk concepts and terminology, security fundamentals.

Week 2

- Common Security Frameworks

Week 3

- Look at relation between cyber security Risk and business
- Current Legal and regulatory environment
- Impact of risk on Business and Risk on Security Investments

Week 4

- Generic information security risk methodologies
- Asset management methodologies.

Cyber Security & Risk Management

Week 5

- Risk Assessment Methodologies
- Risk Assessment Frameworks
- NIST, OCTAVE, STRIDE etc.

Week 6

- Threat Modelling methodologies
- Attack and Fault Tree
- Course Work hand out

Week 7

- Security Policy
- Role and function of Security Policy

Week 8

- Threat Landscape
- Adversarial Thinking and Motivation of Cyber Attacks

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Week 9

- Guest Lecture
- Security Culture
- Security Education and Awareness

Week 10

- Roles and Responsibilities

Week 11

- Ethics and professionalism in Information Security domain.
- Module revision and recap

Week 12

- Course Work hand in