

#### Summary Information

Module Code	6514CSMM
Formal Module Title	Advanced Networks
Owning School	Computer Science and Mathematics
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

#### Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

#### Partner Teaching Institution

Institution Name
Auston College Myanmar, Yangon, Myanmar

#### Learning Methods

Learning Method Type	Hours
Lecture	22
Practical	11
Tutorial	11

#### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
APR-PAR	PAR	April	12 Weeks

JAN-PAR	PAR	January	12 Weeks
SEP_NS-PAR	PAR	September (Non-standard start date)	12 Weeks

## Aims and Outcomes

Aims	To develop and extend students ability to critically analyse state-of-the-art developments in networking.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Evaluate a range of state of the art developments in networking.
MLO2	2	Critically analyse state of the art research in networking.
MLO3	3	Assess the impact of state of the art platforms on networking applications.

## Module Content

Outline Syllabus	A range of state-of-the-art networking technologies will be studied, including:Internet of ThingsSoftware Defined NetworkingNetwork VirtualizationNetwork Performance Measurement
Module Overview	
Additional Information	This module will examine advanced topics in computer networking and use case studies to help students develop an understanding. These will be research-informed and may vary from year-to-year, i.e. to keep up with research developments.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Report 1	50	0	MLO1
Report	Report 2	50	0	MLO2, MLO3

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Alessandro Raschella	Yes	N/A

### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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