IT Infrastructure

MIS 327   **Fall 2019**
Instructor: Heather Miles   **Office:**   MOLN D120
E-mail: miles@uwp.edu   **Office Hours:**   MW: After Class
Phone: 262-595-2592 – but send email **Class Times:**   MW 3:30pm – 4:53 pm

Schedule – 9/3/19: Version 1

Week	Class Date	Topic(s)	Quizzes	Homework
	Wed, Sept 4	Syllabus/Calendar/CANVAS/Lab		Hwk #01: Sun, Sept 8 @ 5:45pm
1	Mon, Sept 9	I1: Introduction to Infrastructure	Quiz 01 @ 3pm	
	Wed, Sept 11			Hwk #02: Sun, Sept 17 @ 5:45pm
2	Mon, Sept 16	I2/V1: Intro to Local Cloud, Virtualization	Quiz 02 @ 3pm	
	Wed, Sept 18			Hwk #03: Sun, Sept 22 @ 5:45pm
3	Mon, Sept 23	V2: Intro to Virtualization • ESXi • HyperV	Quiz 03 @ 3pm	
	Wed, Sept 25			Hwk #04: Sun, Sept 29 @ 5:45pm
4	Mon, Sept 30	V3: VCenter	Quiz 04 @ 3pm	
	Wed, Oct 2			Hwk #05: Sun, Oct 6 @ 5:45pm
5	Mon, Oct 7	V4: Pulling it all together • Managing / Monitoring	Quiz 05 @ 3pm	
	Wed, Oct 9	Exam 1		Hwk #06: Sun, Oct 13 @ 5:45pm
6	Mon, Oct 14	C1: Intro to Cloud • Cloud Types • Cloud Value Proposition	Quiz 06 @ 3pm	
	Wed, Oct 16			Hwk #07: Sun, Oct 20 @ 5:45pm
7	Mon, Oct 21	C2: Infrastructure as a Service • Google Compute Engine • Amazon EC2	Quiz 07 @ 3pm	
	Wed, Oct 23			Hwk #08: Sun, Oct 27 @ 5:45pm
8	Mon, Oct 28	C3: Platform as a Service • Google App Engine, • Amazon Container Service	Quiz 08 @ 3pm	
	Wed, Oct 30			Hwk #09: Sun, Nov 3 @ 5:45pm

9	Mon, Nov 4	N1: Intro, Overview of Networking • OSI Layers • Logical Forwarding Tables • TCP Layers • IPv6/IPv4	Quiz 09 @ 3pm	
	Wed, Nov 6	Exam 2		Hwk #10: Sun, Nov 10 @ 5:45pm
10	Mon, Nov 11	N2: Details of Layers 1 – 2, Intro to Layers 3-7 • Cable types • Kinds & Topologies • Speeds • Wired v. Wireless	Quiz 10 @ 3pm	
	Wed, Nov 13			Hwk #11: Sun, Nov 17 @ 5:45pm
11	Mon, Nov 18	N3: IPv6 • Addressing, Local & Global • Subnetting • Prefixes • Network / Router Discovery • SLAAC • ICMP • PMTU Discovery	Quiz 11 @ 3pm	
	Wed, Nov 20			Hwk #12: Sun, Nov 24 @ 5:45pm
12	Mon, Nov 25	N4: IPv4 • Addressing • DHCP • NAT • MTU/Fragmentation	Quiz 12 @ 3pm	
	Wed, Nov 27			Hwk #13: Sun, Dec 1 @ 5:45pm
13	Mon, Dec 2	N5: Pulling Networking All Together • DNS • HTTP • TLS • Security	Quiz 13 @ 3pm	
	Wed, Dec 4	Networking Design Lab		Hwk #14: Sun, Dec 8 @ 5:45pm
14	Mon, Dec 9	Exam 3: in class		
	Wed, Dec 11	Networking Design Presentations @ **3:30-5:30PM**		

Caveat:

The instructor reserves the right to modify this schedule at any time, as deemed necessary and will post to D2L.