

Network Design and Deployment Considerations for ITS Managers and Professionals
Instructor-led On-line Course Syllabus
September-October, 2020

Course Material Review

Friday, September 11 – Thursday, September 24

Students are recommended to review Lessons 1-3 of the course material in Moodle.

Lesson 1. Wide Area Communications Networks

Lesson 2. Fiber Optic Cable Plant Construction

Lesson 3. Fiber Optic Cable Plant Construction

Friday, September 25 – Thursday, October 8

Students are recommended to review Lesson 4-5 of the course material in Moodle.

Lesson 4. Network Electronics

Lesson 5. ITS Field Applications

Conference Calls

Wednesday, September 16, 2020, 3:00 – 3:30 PM (ET)

The instructor will introduce the course and let students know what will be expected from them. Students will be able to ask questions about upcoming course workshops and any course material that has been reviewed to date.

Wednesday, September 30, 2020, 3:00 – 4:00 PM (ET)

If students have any questions about the course material reviewed to date or the two course workshops, they should submit them to the instructor via e-mail by 9:00 AM (ET) on this date. The instructor will answer them during the conference call and will also discuss Workshop #1.

Wednesday, October 14, 2020, 3:00 – 4:00 PM (ET)

If students have any questions about the course material reviewed to date or the two course workshops, they should submit them to the instructor via e-mail by 9:00 AM (ET) on this date. The instructor will answer them during the conference call and will also discuss Workshop #2 and the final exam.

Course Workshops

Workshop #1

Saturday, September 26, 2020 - Students are to post their answer to this workshop in the “Forums” section in Moodle by 11:55 PM (ET) on this date.

Monday, September 28, 2020 - Students should review other student submittals and provide comments to at least three of them by 11:55 PM (ET) on this date.

Grading - Students will receive a grade for this workshop only if they post their answers to the “Forums” section in Moodle and respond to at least three other student submittals by the above dates.

Answers to Workshop #1 will be discussed during the conference call on September 30, 2020.

Workshop #2

Saturday, October 10, 2020 - Students are to post their answer to this workshop in the “Forums” section in Moodle by 11:55 PM (ET) on this date.

Monday, October 12, 2020 - Students should review other student submittals and provide comments to at least three of them by 11:55 PM (ET) on this date.

Grading - Students will receive a grade for this workshop only if they post their answer to the “Forums” section in Moodle and respond to at least three other student submittals by the above dates.

Answers to Workshop #2 will be discussed during the conference call on Wednesday, October 14, 2020.

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Final Exam

Wednesday, October 14 – Sunday, October 18, 2020

The final exam will be available through Moodle beginning at 2:05 PM (ET) on Wednesday, October 14 through 11:55 PM (ET), Sunday, October 18, 2020. Students will complete the final exam on-line through Moodle. In order to receive their course Continuing Education Units (CEUs), students will also be required to complete the course evaluation also on-line through Moodle.

Course Grades

Grades for the course will be determined by student participation in the following items and will be weighted as shown below. Students need to receive a 70% or better to pass the course and receive Continuing Education Units (CEUs).

Final Exam	65%
Course Workshop #1	15%
Course Workshop #2	15%
Completed Survey	<u>5%</u>
	100%