

**NET 3720 - Advanced Transport Media**  
**Weber State University - Network Management Technology**  
**Fall 2019**

Instructor: Wm. Luke Jenkins  
Classroom: D02-311 - Monday 5:30 PM - 8:10 PM  
Contact Info: [ljenkins@weber.edu](mailto:ljenkins@weber.edu) o: 801-626-7669 c: \_\_\_\_\_  
Office Hours: By appointment only in TE-210

**Course Description:**

An examination of the growing wireless technologies, fiber optics, their roles within the telecommunications data and media industries and to introduce associated fiber optic technical skills.

**Required Text:**

*CWNA Certified Wireless Network Administrator Study Guide: 5th Edition*

- ISBN: 9781119425786
- eBook or Print

**Optional Additional Text:**

*Cabling: The Complete Guide to Copper and Fiber-Optic Networking*

- ISBN: 9781118807323
- eBook or Print

**Learning Outcomes:**

- Design, configure and troubleshoot enterprise Wi-Fi networks
- Perform Wi-Fi site surveys
- Identify RF interference
- Recommend which transport media to use in different situations

**Teaching Methods:**

Class will be taught using a combination of lecture and labs to present and reinforce the material. Canvas will be used for distribution of any supplemental course materials, peer and instructor discussions, quizzes, and grades. Tests may be in class or in the WSU Testing Center as assigned in Canvas. Hands-on labs will be used for instruction and testing.

**Equipment:**

Equipment used for this course must be treated with respect. Any equipment checked out to students must be returned in the same condition at the conclusion of the class. Replacement of any damaged or lost equipment will be the responsibility of the student.

**Grade Scale:**

95% - 100%    A

73% - 76%    C

90% - 94%	A-	70% - 72%	C-
87% - 89%	B+	67% - 69%	D+
83% - 86%	B	63% - 66%	D
80% - 82%	B-	60% - 62%	D-
77% - 79%	C+	<60%	E

Lab Reports: 40%

Quizzes: 20%

Midterm Paper: 20%

Final Exam: 20%

### **Missed or Late Work:**

You must email the instructor to request permission to complete any late work. It is at the instructor's discretion to allow late work. Please inform the instructor of any absences as soon as possible via e-mail or Canvas.

### **Course Fees:**

Course fees in NET 3720 are designed to cover the costs of equipment maintenance and replacement as well as consumable materials and supplies.

### **Academic Honesty:**

Any attempt to gain an unfair advantage during exams, or submitting another person's work as your own, is considered cheating. NMT policy dictates that any verifiable evidence of student's academic cheating, as defined and determined by the instructor, will result in: 1) an automatic failing grade for the class, and 2) a report to the Dean of Students that will include the student's name and a description of the student's dishonest conduct. You can find more information about academic honesty in the Weber State Policies and Procedures Manual.

[http://www.weber.edu/ppm/Policies/6-22\\_StudentCode.html](http://www.weber.edu/ppm/Policies/6-22_StudentCode.html)

### **Campus Closure:**

Course instruction will take place via Canvas in the event of a campus closure.

### **Disability Services Syllabus Statement:**

Any student requiring accommodations or services due to a disability must contact Disability Services (DS) in Room 181 of the Student Services Center (or Room D02-256 at the Davis Campus). Disability Services can also arrange to provide course materials (including this syllabus) in alternative formats upon request. --- Call them at 801-626-6413 or Email

[dsc@weber.edu](mailto:dsc@weber.edu)