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|  | **2020 NEC Rules for Limited Energy Systems Online Course**  Support Document |

**Provider: Mike Holt Enterprises**

**Course Title:**

2020 Limited Energy and Communication Systems Online Course

**Course Time Table:**

This is a non-classroom on-line course that requires the student to be present for 8 hours of instruction.

Article 90- Introduction to the NEC

Article 640- Audio Signal Amplification and Reproduction Equipment

Article 645- Information Technology Equipment (ITE)

Article 725- Remote-Control, Signaling, and Power-Limited Circuits

Article 760- Fire Alarm Systems

Article 770- Optical Fiber Cables

Article 800- General Requirements for Communications Systems

Article 810- Radio and Television Antenna Equipment

Article 820- Community Antenna Television (CATV) and Radio Distribution Systems (Coaxial Cable)

Total Questions 115 questions

**Course Description:**

This courseis based on the content from Mike Holt’s Limited Energy and Communications Systems textbook. It provides students with a comprehensive overview of the most important technical low voltage systems, from Articles 90 through 820.

**Course Format:**

The format of the course is designed to encourage constant interaction with the student. Each course is set-up to provide students with a page of text followed by a question that they must answer as they go through the material. This provides immediate application of the content learned. This format keeps students actively engaged in their learning through the entirety of the course.

In addition, all students give feedback on courses through surveys and we are able to continue to enhance the program based on this consistent feedback.

**Method of Presentation:**

***Affidavits.*** Students will be required to electronically sign the following affidavit when taking this online course:

*Beginning of the course:*

I hereby certify that I am the person completing the following course (Name of Course) and that I will complete this course completely on my own. By entering my name below, I am ensuring I am the student who is enrolled in and completing this course

*At the end of the course:*

I hereby certify that I have completed all questions and exams in the following course (Name of Course). I have completed this on my own without any help from others. By entering my name below, I am agreeing that all information is accurate.

***Student Computer.*** Students will not be allowed to be logged into multiple computers at once while completing our courses. Students will only be able to log into one computer to successfully take the course.

**Method of Evaluation:**

Student comprehension is tested immediately with page level questions. They must pass these exams with a 75% or better to receive credit for this course.

**Course Instructor:** Mike Holt, bio/resume attached

**Detailed Syllabus:** See Attached

**Topical Outline:**

**Article 90- Introduction to the NEC**

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|  | **Section Information Covered** |
|  | Article 90 – Introduction to the National Code |

**Article 640- Audio Signal Amplification and Reproduction Equipment**

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|  | **Section Information Covered** |
|  | Article 640- Audio Signal Amplification and Reproduction Equipment |

**Article 645- Information Technology Equipment (ITE)**

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|  | **Section Information Covered** |
|  | Article 645- Information Technology Equipment (ITE) |

**Article 725- Remote-Control, Signaling, and Power-Limited Circuits**

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|  | **Section Information Covered** |
|  | Article 725- Remote-Control, Signaling, and Power-Limited Circuits |

**Article 760- Fire Alarm Systems**

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|  | **Section Information Covered** |
|  | Article 760- Fire Alarm Systems |

**Article 770- Optical Fiber Cables**

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|  | **Section Information Covered** |
|  | Article 770- Optical Fiber Cables |

**Article 800- General Requirements for Communications Systems**

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|  | **Section Information Covered** |
|  | Article 800- General Requirements for Communications Systems |

**Article 810- Radio and Television Antenna Equipment**

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|  | **Section Information Covered** |
|  | Article 810- Radio and Television Antenna Equipment |

**Article 820- Community Antenna Television (CATV) and Radio Distribution Systems (Coaxial Cable)**

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|  | **Section Information Covered** |
|  | Article 820- Community Antenna Television (CATV) and Radio Distribution Systems (Coaxial Cable) |