

Welcome to the OARC Extra Class training page!

This is a self-paced course, but staying ahead on the assigned videos is how you win this race. There's a lot of videos you can watch, one set is from Ham Radio 2.0, from a club in Texas. The other is from Dave Casler. Both videos are pretty well lined up with the elements and subjects. If you don't have a good grasp with just one take on the questions and material, try the other. Some of this is pretty dry, but there's a lot of way to help cement these concepts in place. That's where the Wednesday night discussions come into play. Meet on Zoom at 7PM to 9PM on Wednesdays for September and October and discuss the questions and what you've learned. Share your techniques and what helps you remember everything. Recognize patterns and clues that will help you get not just a passing score, but a high score! Put in the time, learn the concepts, and become a better operator and mentor. The future of ham radio also depends on you!

Source	Ham Radio 2.0 Channel	
Source	Dave Casler	http://dcasler.com/ham-radio/extra/

Date Facilitator Lesson

7 Sep	Jeff Tribulski N6TTF Craig Howe W0VRM	SUBELEMENT E1 COMMISSION RULES [6 Exam Questions 6 Groups] 75 Questions
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<https://www.youtube.com/watch?v=krU4iPLWWs>
<http://dcasler.com/ham-radio/extra/>
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F221821

7 Sep	Jeff Tribulski N6TTF Craig Howe W0VRM	SUBELEMENT E2 - OPERATING PROCEDURES [5 Exam Questions - 5 Groups] 61 Questions
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https://www.youtube.com/watch?v=WPnv_JomYpk
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F221825
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F221827
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F221828

14 Sep	Mike Wilde KJ7HEX	SUBELEMENT E4 - AMATEUR PRACTICES [5 Exam Questions - 5 Groups] 60 Questions
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<https://www.youtube.com/watch?v=iMKtQiAWMD4>
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F221908
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F221968
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222162
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222163

21 Sep	Gene Morgan WB7RLX	SUBELEMENT E3 - RADIO WAVE PROPAGATION [3 Exam Questions - 3 Groups] 41 Questions
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<https://www.youtube.com/watch?v=EmoM6m-9u3Y>
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222262
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222263
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222265
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222266

28 Sep	Mike Fullmer KZ7O	SUBELEMENT E5 - ELECTRICAL PRINCIPLES
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[4 Exam Questions - 4 Groups] 55 Questions

<https://www.youtube.com/watch?v=PHVUUwR-Apo>
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222166
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222174
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222178

5 Oct SUBELEMENT E6 - CIRCUIT COMPONENTS
[6 Exam Questions - 6 Groups] 70 Questions

<https://www.youtube.com/watch?v=d8e42rLaLaM>
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222180
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222187
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222196
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222198
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222200

12 Oct Craig Howe W0VRM SUBELEMENT E7 - PRACTICAL CIRCUITS
[8 Exam Questions - 8 Groups] 108 Questions

<https://www.youtube.com/watch?v=0fG-dd-1QIY>
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222201
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222215
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222218

19 Oct SUBELEMENT E8 - SIGNALS AND EMISSIONS
[4 Exam Questions - 4 Groups] 45 Questions

<https://www.youtube.com/watch?v=bi7BiNcIeMs>
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222221
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222224
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222227

26 Oct Gene Morgan WB7RLX SUBELEMENT E9 - ANTENNAS AND TRANSMISSION LINES
[8 Exam Questions - 8 Groups] 96 Questions

<https://www.youtube.com/watch?v=0FLhqt8-zY>
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222251
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222253
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222254
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222260
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222261

26 Oct SUBELEMENT E0 SAFETY
[1 exam question 1 group] 11 Questions

https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222268
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222277
https://learn.arrl.org/learning-paths/on-the-air/?pathPage=%2Farrl%2Fcourses%2F37720%2Fvideo_presentations%2F222282