



AFRICAN ADVANCED LEVEL TELECOMMUNICATIONS INSTITUTE (AFRALTI)

COURSE OUTLINE

Title: CERTIFIED FIBER OPTIC SPECIALIST, SPLICING (CFOS/S) COURSE

Duration: 5 days

DAY	MAIN TOPIC	SUB-TOPICS
1	Introduction and Overview	<ul style="list-style-type: none">- Review of Fiber Optics Basics- Review of Fiber Optics Networking Standards- Fiber Optics Safety.
2	Splicing and Troubleshooting	<ul style="list-style-type: none">- Fiber Cable Preparation- Fusion & Mechanical Splicing Process- Splice Troubleshooting- Hands-on Session Begins. Students must build test and troubleshoot actual fiber optics cable plant using pigtails with both fusion and mechanical splicing techniques to industry standards.
3	Hands-on Session and Practical Exam	<ul style="list-style-type: none">- Hands-on Session Continues- Wall Mount Enclosures and Installation with splices (both fusion and mechanical),- Hands-on Practical (Splicing Troubleshooting Exam)
4	Review	<ul style="list-style-type: none">- Review course materials- Complete all the online Tests

5	Exam	<ul style="list-style-type: none">- Written Exam- Students must pass both written and hands on exams to receive FOA Certification.
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Administering of Test: Written CFOS/S Exam (approx. 2 hours)

Reference materials

Textbook: Fiber Optics Reference Guide by Jim Hayes, Supplementary Study Materials includes Workbook and Lab Manual.

AFRALTI CFOT, CPCT, CFOS/D, CFOS/H FOA Approved School # 758

<http://foa-approved.org/schools/african-advanced-level-telecommunications-institute-afralti>

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