

SYLLABUS

EP200 Skytron Service Technician Training

2012

Instructor: Dale Tallady

Contact hours:	Monday through Friday 8:30 AM to 5:00 PM (Eastern standard Time)
Phone:	616-656-6412
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Class meetings:	9:00 AM to 5:00 PM
Location:	Skytron Headquarters 5085 corporate Exchange Blvd. S.E. Grand Rapids, Michigan 49512

COURSE DESCRIPTION

Skytron Service Technician Training

Skytron lights, tables and surgical utility booms:

This course will cover mechanical adjustment procedures for all three product categories. There will be hands on installations for Skytron surgical utility booms and surgical lights. In addition there will be hands on repair procedures for Skytron surgical tables as well as in-depth hands on troubleshooting.

COURSE OBJECTIVES

The course objectives:

1. Understand literature, paperwork and pre-installation requirements.
2. Know the proper installation procedure for Skytron surgical utility booms and surgical lights.
3. Be able to identify defective sub-assembly components with in Skytron surgical tables, lights and surgical utility booms.
4. Be able to use diagnostic procedures outlined in Skytron maintenance manuals.
5. Know the proper method for testing mounting structures for Skytron surgical utility booms.
6. Be able to make proper adjustments to Skytron surgical tables, lights and utility booms.

COURSE FORMAT

This course is taught using a variety of instructional including power point presentation, class discussion, troubleshooting techniques, hands on demonstrations, and hands on installations.

EVALUATION AND GRADING

Grading standard

Attendees are required to attain a final score of 90% or better in each product category to receive a Certificate of completion.

Skytron surgical tables

There will be a total of one written test for the surgical table portion of training. this will account for 1/3 of your grade, class participation will account for 1/3 and hands on troubleshooting will make up the other 1/3 of the grade.

Skytron surgical lights

There will be one written test for this portion of training. This test will account for 50% of the grade and class participation will account for the other 50%.

Skytron surgical utility boom

There will be one written test for this portion of training. This will account for 50% of the grade and class participation will account for the other 50%.

COURSE SCHEDULE

DATE	TOPIC
Monday	<p>Surgical Tables</p> <ul style="list-style-type: none"> • Seminar overview • Skynet use • Preventive maintenance contract information • Service report overview • Installation report overview • Warranty claim overview • Return goods authorization overview • Service literature overview • Test
Tuesday	<p>Surgical Tables</p> <ul style="list-style-type: none"> • Table initialization • Preventive maintenance procedure • Mini-valve assembly removal • Brake cylinder removal • Kidney Cylinder Removal & Repair • Slide Cylinder Removal and Repair • Elevation cylinder removal and repair • Trendelenburg and tilt cylinder service (6xxx series models) • Slider adjustment and Inspection • Trendelenburg and tilt cylinder service (3xxx series model) • 3600B kidney bleeding procedure • Electrical system review
Wednesday	<p style="text-align: center;">Hands on trouble-shooting (Surgical Tables)</p> <p>There will be several Skytron surgical tables for students to diagnose and identify problems on. This portion is based on component failures. The technician will be expected to trouble-shoot the problems down to component level.</p>
	<p>Surgical Lights</p> <ul style="list-style-type: none"> • Pre-installation requirements • Mounting structure overview • Installation procedures • Preventive maintenance procedures

COURSE SCHEDULE

DATE	TOPIC
Thursday	<ul style="list-style-type: none">• Adjustment procedures• Light fixture repair procedures• Wall control operation and function• Electrical system review• Test• General questions
Friday	<p>Surgical Utility Booms</p> <ul style="list-style-type: none">• Pre-installation requirements• Mounting structure criteria• Specialty tool requirements• Mounting structure test (use of a load simulator- test jig)• Installation procedure• Preventive maintenance procedure• Adjustment procedure• Repair procedures• Test• General questions