



# ROP Fire Science

---

---

## ROP Fire Science Syllabus

### Instructors Note

This syllabus is a guideline for all instructors to use as a guideline on what materials and subjects are to be instructed on. Times and subjects can be modified as needed as long as the main subject is covered for that session. Add breaks where and when necessary.

### Week 1-Introduction to the Fire Service

#### **Day 1-Introductions, Standards, and History of the Fire Service**

##### **Tuesday (08/25/2009)-Room 3**

- |    |                                                          |                 |
|----|----------------------------------------------------------|-----------------|
| 1. | Roll Call                                                | 0:10            |
| 2. | Instructor & Student introductions                       | 0:30            |
|    | a. Basic Information                                     |                 |
| 3. | Pass out and go over all paperwork                       | 0:30            |
|    | a. Syllabus                                              |                 |
|    | b. Code of ethics and Standards                          |                 |
|    | c. Parent/Student release of liability                   |                 |
|    | d. Uniform order form                                    |                 |
|    | e. Misc                                                  |                 |
| 4. | History of the Fire Service                              | 0:40            |
|    | a. Origination                                           |                 |
|    | b. Development                                           |                 |
|    | c. Tradition                                             |                 |
|    | d. Evolution                                             |                 |
| 5. | Riding assignments from School to Station                | 0:05            |
|    | a. Figure out how student will get to Station 1 tomorrow |                 |
| 6. | Homework Assignment                                      | 0:05            |
|    | <b>a. Essay #1 <u>My five Year Plan</u></b>              |                 |
|    | i. Hand out Info sheet                                   |                 |
|    | ii. Due on (09/08/2009)                                  |                 |
|    | iii. 3 page minimum                                      |                 |
|    | iv. MLA Format                                           |                 |
|    | <b>b. Get all paperwork signed by legal guardian</b>     |                 |
|    |                                                          | Total Time 2:00 |

#### **Day 2-A Day in the Life as a Firefighter**

##### **Thursday (08/27/2009)-Groveland Station 1**

- |    |                                     |      |
|----|-------------------------------------|------|
| 1. | Roll Call                           | 0:05 |
| 2. | Turn in <u>all</u> signed paperwork | 0:10 |



# ROP Fire Science

---

---

3.	Station Tour	0:15
a.	Different areas	
b.	Functionality	
c.	Purpose	
d.	Daily operations	
4.	Chain of Command	0:30
a.	Levels of authority	
b.	Who is in char	
5.	History of Groveland Fire Department	0:15
a.	Founded	
b.	Development	
6.	Tradition and Pride in the fire Service	0:15
a.	Company Pride	
b.	Station Pride	
c.	Tradition of Fire Service	
d.	Pride in Fire Service	
7.	Present class with engine	0:15
a.	Go over how to operate	
b.	Maintenance	
c.	Care	
d.	Pride	
8.	Homework	0:05
a.	Reminder-Essay #1 due on (09/08/2009)	
b.	<b><u>Pre-Quiz History of the Fire Service</u></b>	
i.	Hand out	
ii.	Text reference Chapter #	
iii.	Due tomorrow (08/28/2009)	
iv.	Test on History of the Fire Service tomorrow (DATE)	
	Total Time	2:00

## Day 3-Fire Technology and Types of fire Protection

### Friday (08/28/2009)-Room 3

1.	Roll Call	0:05
2.	Correct/Turn In Pre-Quiz "History of the Fire Service"	0:10
3.	Test - History of the Fire Service	0:30
4.	Education Tracks/Opportunities	0:15
a.	ROP Programs	
b.	College	
c.	College Fire (Columbia)	
d.	Associates and Bachelors degrees	
e.	EMT	
f.	Paramedic	



# ROP Fire Science

---

---

g.	State Fire Marshal Classes	
i.	State Fire Marshal Education Track Form	
h.	Continuing Education	
5.	Selecting my educational Path	0:20
a.	Fire service	
i.	EMT vs. Paramedic	
ii.	A.S. vs. B.S. degrees	
iii.	Direction under state fire marshal courses	
b.	Other jobs	
i.	Educational needs	
ii.	What can you do for the rest of your life	
iii.	Something that intrigues you	
6.	Instructors "Why I do what I do"	0:20
i.	Explain why you chose your career	
ii.	What you like about it	
iii.	What you have done	
7.	Different types of Fire Protection	0:15
a.	City	
b.	Rural	
c.	Forestry	
d.	Paid	
e.	Volunteer	
f.	Sprinkler Systems	
g.	Prevention	
h.	Technology of tomorrow	
8.	Homework	0:05
a.	Reminder-Essay #1 due on (09/08/2009)	
b.	<b>Pre-Quiz <u>Types of Fire Protection</u></b>	
i.	Hand out	
ii.	Reference Chapter #(s)	
iii.	Due on Tuesday (09/01/2009)	
iv.	Test on Types of Fire Protection on Tuesday (09/01/2009)	
	Total Time	2:00

## Week 2-Personal Protective Equipment

### Day 4-Firefighter Gear and Protection

#### Tuesday (09/01/2009)-Room 3

1.	Roll Call	0:05
2.	Correct/Turn in Pre-Quiz "Types of Fire Protection"	0:10
3.	Test – Types of Fire Protection	0:30
4.	Personal Protective Equipment	0:25



# ROP Fire Science

---

---

- a. Bunker gear
    - i. 3 Layers
    - ii. Care and Maintenance
    - iii. Situational uses
  - b. Wildland gear
    - i. Layers (1 or 2 depending on SOG)
    - ii. Care and Maintenance
    - iii. Situational uses
  - c. Medical Gear
    - i. BSI (Gloves, Eyewear, mask)
    - ii. Universal precautions
    - iii. Situational Uses
  - 5. Importance of protection 0:30
    - a. Burns
    - b. Diseases
    - c. Chemicals
    - d. Accidents do happen
  - 6. Video (TITLE) \*PPE/BSI 0:25
  - 7. Homework 0:05
    - a. Reminder-Essay #1 due on (09/08/2009)
    - b. Pre-Quiz Personal Protective Equipment**
      - i. Hand out
      - ii. Reference Chapter #
      - iii. Due Tomorrow (09/03/2009)
      - iv. Test on Personal Protective Equipment (09/03/2009)
- Total Time 2:00

## Day 5- Using Personal Protective Equipment Thursday (09/03/2009)-Groveland Station 1

- 1. Roll Call 0:05
- 2. Correct/Turn in Pre-Quiz "Personal Protective Equipment" 0:10
- 3. Test-Personal Protective Equipment 0:30
- 4. Issue gear to students 0:30
  - a. Bunker Gear
    - i. Helmet
    - ii. Jacket
    - iii. Pants
    - iv. Boots
    - v. Shroud
    - vi. Gloves
  - b. Wildland Gear
    - i. Helmet W/Shroud



# ROP Fire Science

---

---

	ii. Jacket	
	iii. Pants	
	iv. Gloves	
5.	Donning Structure Gear	0:10
	a. Go over simple donning of gear	
	b. Introduce Minute drill	
	i. Go over minute drill standards	
	ii. Importance of drill	
6.	Donning Wildland Gear	0:10
	a. Go over simple donning of gear	
	b. Go over minute drill	
7.	Practice 1 Minute Drills	0:20
	a. Bunker gear only	
	b. Wildland will come later on during the year	
8.	Homework	0:05
	a. Reminder-Essay #1 due on (09/08/2009)	
	b. Practice 1 Minute Drills	
	i. Test on 1 Minute Drills Every Day from now on	
		Total Time 2:00

## **Day 6-Special types of Personal Protective Equipment Friday (09/04/2009)-Room 3**

1.	Roll call	0:05
2.	Practice 1 minute Drills	0:20
3.	Special types of PPE	0:15
	a. ARFF	
	b. Haz-Mat	
	c. Confined Space	
4.	Respiratory Protection	0:15
	a. Types of protection	
	b. Fit testing	
	c. Reasons to use	
	d. Why we use	
5.	Practice 1 Minute Drills after break	0:30
6.	Firefighter fatalities due to improper or no protection	0:15
	a. Wrong PPE	
	b. No PPE	
	c. Misuse	
	d. Maintenance not kept up	
7.	Firefighter fatality video	0:20
8.	Homework	0:05
	a. Reminder-Essay #1 due next class (09/08/2009)	



# ROP Fire Science

b. Practice 1 Minute Drills

Total Time 2:00

## Week 3-Self Contained Breathing Apparatus

### Day 7-Self Contained Breathing Apparatus

#### Tuesday (09/08/2009) Room 3

- |    |                                                              |      |
|----|--------------------------------------------------------------|------|
| 1. | Roll Call                                                    | 0:05 |
| 2. | Practice 1 minute Drills                                     | 0:10 |
| 3. | Collect essay #1 "My Five year Plan"                         | 0:20 |
|    | a. Go around class and get opinions on #1 Goal               |      |
| 4. | Self Contained Breathing Apparatus (SCBA)                    | 0:45 |
|    | a. When they were developed                                  |      |
|    | b. What they were made out of                                |      |
|    | c. How they operate                                          |      |
|    | d. Parts                                                     |      |
|    | i. Bottle                                                    |      |
|    | ii. Harness                                                  |      |
|    | iii. Regulator(s)                                            |      |
|    | iv. Mask/Face piece                                          |      |
|    | e. Development to today                                      |      |
| 5. | Situations to use an SCBA                                    | 0:20 |
|    | a. IDLH                                                      |      |
|    | b. Structure Fire                                            |      |
|    | c. Haz-Mat                                                   |      |
|    | d. Confined Space                                            |      |
|    | e. Non-Natural burning products                              |      |
| 6. | Types of Breathing Apparatus                                 | 0:15 |
|    | a. Different Brands of SCBA                                  |      |
|    | b. Different Styles                                          |      |
|    | i. Back Mounted                                              |      |
|    | ii. Air Lined                                                |      |
|    | iii. Spare emergency bottles                                 |      |
|    | c. High, Medium, and Low pressure                            |      |
|    | d. Breathing Support Units                                   |      |
| 7. | Homework                                                     | 0:05 |
|    | a. <b>Pre-Quiz <u>Self Contained Breathing Apparatus</u></b> |      |
|    | i. Hand out                                                  |      |
|    | ii. Reference Chapter #                                      |      |
|    | iii. Due Tomorrow (09/10/2009)                               |      |
|    | iv. Test on Self Contained Breathing Apparatus (09/10/2009)  |      |
|    | b. Practice 1 Minute Drills                                  |      |



# ROP Fire Science

---

---

Total Time 2:00

## Day 8-Using Self Contained breathing Apparatus

### Thursday (09/10/2009) Groveland Station 1

- |    |                                                                      |      |
|----|----------------------------------------------------------------------|------|
| 1. | Roll Call                                                            | 0:05 |
| 2. | Practice 1 Minute Drills                                             | 0:10 |
| 3. | Correct/Turn in Pre-Quiz "Self Contained Breathing Apparatus"        | 0:10 |
| 4. | Test-Self Contained Breathing Apparatus                              | 0:30 |
| 5. | Practice 1 minute drills                                             | 0:10 |
| 6. | How to Don and Doff SCBA's (3 group rotation)<br>0:30(10min/Station) |      |
|    | a. Over the head method and Coat method                              |      |
|    | b. From seat method                                                  |      |
|    | c. From compartment/wall method                                      |      |
| 7. | Introduce 2 Minute Drills                                            | 0:10 |
|    | a. SCBA portion (1 Minute)                                           |      |
|    | b. Go over standards                                                 |      |
|    | c. Importance of drill                                               |      |
| 8. | Practice SCBA 1 Minute Drills                                        | 0:10 |
| 9. | Homework                                                             | 0:05 |
|    | a. <b>Pre-Quiz PPE and SCBA's</b>                                    |      |
|    | i. Hand out                                                          |      |
|    | ii. Reference Chapter #                                              |      |
|    | iii. Due Tomorrow (09/11/2009)                                       |      |
|    | iv. Test on PPE and SCBA's (09/11/2009)                              |      |
|    | b. Practice 1 Minute Drills                                          |      |

Total Time 2:00

## Day 9-MSA L-30+ SCBA Overview & Bottle Changing (RFB/9-11)

### Friday (09/11/2009) Room 3

- |    |                                                  |      |
|----|--------------------------------------------------|------|
| 1. | Roll Call                                        | 0:05 |
| 2. | Practice 2 Minute Drills                         | 0:15 |
| 3. | Correct/Turn in Pre-Quiz "PPE and SCBA's"        | 0:10 |
| 4. | Test-PPE and SCBA's                              | 0:30 |
| 5. | How to change out SCBA bottles(3 Group rotation) | 0:15 |
|    | a. 1 person method                               |      |
|    | b. 2 person method                               |      |
| 6. | MSA L-30+ SCBA (With Handout)                    | 0:15 |
|    | a. Parts                                         |      |
|    | b. Functions                                     |      |
|    | c. Capabilities                                  |      |
|    | d. Unique specs                                  |      |



## ROP Fire Science

---

---

7.	9-11 Talk/Video	0:30
a.	Class Discussion	
8.	Homework	0:05
a.	<b>Pre-Quiz <u>MSA L-30+ SCBA</u></b>	
i.	Hand Out (Given out with lesson)	
ii.	Reference questions to hand out	
iii.	Due Tuesday (09/15/2009)	
iv.	Test on MSA L-30+ SCBA (09/15/2009)	
	Total Time	2:00

### **Day 10-SBCA Master Drill Day**

#### **Saturday (09/12/2009)-Groveland Station 1**

1.	Roll Call	0:05
2.	Divide into 3 groups for rotation	2:15(45Min/Rotation)
	Rotation 1-Low Profile drill	
b.	Full turnouts	
c.	SCBA on air	
d.	Fit through rafters	
i.	Swim method	
ii.	Dive method	
iii.	Bottle push through first method	
	Rotation 2-Blind SCBA Assembly Drill	
a.	Put SCBA together	
b.	Students are blindfolded	
c.	Competition between students?	
	Rotation 3-1 & 2 Minute Drills	
a.	1 Minute Drills	
a.	Make a competition between students & groups	
b.	2 Minute Drills	
a.	Make a competition between students & groups	
3.	Lunch Break	1:00
4.	2 minute Drill & Smoke Crawl	0:45
a.	Perform 2 Minute Drills	
b.	Crawl through zero visibility smoke conditions	
c.	Will have to perform low profile in drill too	
5.	Homework	0:05
a.	Reminder <u>MSA L-30+</u> Pre-Quiz due on Tuesday (09/15/2009)	
	Total Time	4:00

### **Week 4-Nozzles, Fire Hose, and Appliances**



# ROP Fire Science

---

---

## Day 11-Fire Service Nozzles

### Tuesday (09/15/2009)-Room 3

1. Roll Call 0:05
  2. 1 Minute Drills 0:10
  3. Correct/Turn In Pre-Quiz "MSA L-30+" 0:10
  4. Test-MSA L-30+ 0:30
  5. Video-From Buckets to Blitz Lines, by TFT 0:15
  6. Nozzles in the Fire Service 0:20
    - a. Review from video
    - b. Types of nozzles
    - c. Evolution of nozzles
    - d. Pass around different types of Nozzles
  7. Flow different types of nozzles 0:25
    - a. Combination
    - b. Smooth Bore
    - c. Monitor/Deck Gun
    - d. Booster Line
  8. Homework 0:05
    - a. **Essay #2 Combination Nozzles vs. Smooth Bore Nozzles**
      - i. Pass out Hand Out
      - ii. 3 page minimum
      - iii. MLA Format
      - iv. Due on (10/06/2009)
    - b. **Pre-Quiz Fire Service Nozzles**
      - i. Fire Service Nozzles hand out
      - ii. Reference (PAGE#)
      - iii. Due tomorrow (09/17/2009)
      - iv. Test on Fire Service Nozzles tomorrow (09/17/2009)
- Total Time 2:00

## Day 12-Fire Service Hose

### Thursday (09/17/2009)-Room 3

1. Roll Call 0:05
2. 2 Minute Drills 0:10
3. Correct/Turn in Pre-Quiz "Fire Service Nozzles" 0:10
4. Test-Fire Service Nozzles 0:30
5. Fire Service Hose 0:15
  - a. History of fire hose
  - b. Different types of fire hose
    - i. Original
    - ii. Cotton
    - iii. Synthetic



# ROP Fire Science

---

---

	iv. Rubber	
	v. Waijax	
	vi. Rigid	
	vii. Single and Double Jacket	
6.	Fire hose care and maintenance	0:15
	a. Washing	
	b. Testing	
	c. Inspecting	
7.	Hose uses	0:15
	a. Supply line	
	b. Hard suction	
	c. Pre-Connect	
	d. Booster/Reel line	
	e. Bumper line	
	f. Hose packs	
8.	Show students actual hose on/off apparatus	0:15
	a. Hands on	
	b. Show location for all hose	
9.	Homework	0:05
	a. <b>Pre-Quiz <u>Fire Service Hose</u></b>	
	i. Fire Service Hose hand out	
	ii. Reference page #	
	iii. Due tomorrow (09/18/2009)	
	iv. Test on Fire Service hose Tomorrow (09/18/2009)	
	b. Reminder-Essay #2 Due (10/06/2009)	
	Total Time	2:00

## Day 13-Fire Hose Tools and Appliances

### Friday (09/18/2009)-Room 3

1.	Roll Call	0:05
2.	1 Minute Drills	0:10
3.	Correct/Turn In Pre-Quiz "Fire service Hose"	0:10
4.	Test-Fire Service Hose	0:30
5.	Fire Hose Tools and Appliances	0:15
	a. Difference between the two	
	b. Kinds of Tools and Appliances	
	c. Care and maintenance	
	d. When and how to use	
6.	Using Tools and appliances	0:45
	a. Put Tools and Appliances to use	
	b. Physically use	



# ROP Fire Science

---

---

- c. Manipulate and operate
  - 7. Homework 0:05
    - a. **Pre-Quiz Fire Hose Tools and Appliances**
      - i. Fire Hose Tools and Appliances Hand Out
      - ii. Due Next Tuesday (09/22/2009)
      - iii. Test on Fire Hose Tools and Appliances (09/22/2009)
    - b. Reminder-Essay #2 due (10/06/2009)
- Total Time 2:00

## Week 5-Hose Loads and Pulls

### **Day 14-Hose Rolls and Loads**

#### **Tuesday (09/22/2009)-Room 3**

- 1. Roll Call 0:05
- 2. 1 Minute drills 0:10
- 3. Correct/Turn in Pre-Quiz "Fire Hose Tools and Appliances" 0:10
- 4. Test-Fire Hose Tools and Appliances 0:30
- 5. Types of Hose Loads 0:15
  - a. Supply Loads
    - i. Flat
    - ii. Horse shoe
    - iii. Accordion
    - iv. Forward vs. Reverse
  - b. Pre-Connects
    - i. Cross lays
    - ii. Truck Lays
    - iii. Different types of loads
  - c. Other loads
    - i. Trunk Load
    - ii. Blitz line
    - iii. Hotel Packs
    - iv. Other
- 6. Hose Rolls 0:30
  - a. Physically demonstrate all rolls
  - b. Students perform all rolls
  - c. Talk about different uses
  - d. Go over hose rollers
- 7. Go over Hose loads on engine 0:10
  - a. Physically show loads
  - b. Talk about pulls for Tomorrows lesson
- 8. Homework 0:05
  - a. **Pre Quiz Hose Rolls and Loads**





# ROP Fire Science

---

---

- b. Only set up 1 half of wye
- c. 1 group at a time
- 4. Break into 3 groups 1:30
  - Note-Saturday is Hose Pull Master Drill
  - a. Rotation 1-Master Streams(0:30)
    - i. Set up Ground Monitor
  - b. Rotation 2-Advancing Blitz Line(0:30)
    - i. Pull and advance charged
  - c. Rotation 3-Wrapping a Hydrant(0:30)
    - i. Pull hose from engine to hydrant

Note-All rotations are flowing water
- 5. Homework 0:05
  - a. **Pass out Hose Pull Skills Sheet**
    - i. Go over Master Drill on Saturday
  - b. Reminder Essay #2 due on Tuesday (10/06/2009)

Total Time 2:25

## Day 17-Hose Master Drill Day

### Saturday (09/26/2009)-Groveland Station 1

- 1. Roll Call 0:05
- 2. 1 and/or 2 Minute Drills 0:10
- 3. Split into 3 groups for rotations 3:45
  - a. Rotation 1-200' Cross Lays
    - i. See skills sheet
  - b. Rotation 2-Blitz Line
    - i. See skills sheet
  - c. Rotation 3-Hotel Packs
    - i. See skills sheet
- 4. Lunch Break 0:45
- 5. Split into 2 groups for Sessions 2:00
  - a. Hose Pull Scenarios
    - i. Not a skill just scenarios to test skills
  - b. Master streams
    - i. See skills sheet
    - ii. Both groups ground or deck
    - iii. Depending on engine availability
- 6. Water Fight 0:30
  - a. Let master streams operations turn into water fight
  - b. Let students pull lines
  - c. Stand back and watch
- 7. Homework 0:05
  - a. Review chapter on Ladders



# ROP Fire Science

b. Reminder Essay #2 due on (10/06/2009)

Total Time 7:20

## Week 6-Fire Service Ladders

### **Day 18-Intro to Fire Service ladders**

#### **Tuesday (09/29/2009)-Room 3**

- |                                                  |      |
|--------------------------------------------------|------|
| 1. Roll Call                                     | 0:05 |
| 2. 1 Minute Drills                               | 0:20 |
| 3. Ground Ladders(Hand Out)                      | 0:30 |
| a. History                                       |      |
| b. Types                                         |      |
| c. Parts                                         |      |
| d. Made of                                       |      |
| e. Testing/inspecting                            |      |
| f. Care and Maintenance                          |      |
| 4. Uses of Ground ladders                        | 0:20 |
| a. Rescue                                        |      |
| b. Roof Operations                               |      |
| c. Ingress and egress                            |      |
| 5. Safety with Ground Ladders(Demo Throw)        | 0:20 |
| a. Ladder Commands on fire ground                |      |
| b. Footing a ladder                              |      |
| c. Tying off halyard                             |      |
| d. Look out situations/Hazards                   |      |
| e. Climbing                                      |      |
| 6. Homework                                      | 0:05 |
| a. <b>Pre-Quiz "Ground Ladders"</b>              |      |
| i. Ground Ladders hand out                       |      |
| ii. Reference Chapter #                          |      |
| iii. Pre-Quiz due tomorrow (10/01/2009)          |      |
| iv. Test on Ground Ladders tomorrow (10/01/2009) |      |
| b. Reminder Essay #2 due on (10/06/2009)         |      |
| Total Time                                       | 1:40 |

### **Day 19-Throwing Ground Ladders**

#### **Thursday (10/01/2009)-Groveland Station 1**

- |                                              |      |
|----------------------------------------------|------|
| 1. Roll Call                                 | 0:05 |
| 2. 2 Minute drill                            | 0:05 |
| 3. Correct/Turn in Pre-Quiz "Ground Ladders" | 0:10 |
| 4. Test-Ground Ladders                       | 0:30 |



## ROP Fire Science

---

---

5. Demo on throwing Ground Ladders(By Instructors)	0:10
a. Mid and High Shoulder Roof Ladder (1 Person)	
b. Mid and High Shoulder Extension Ladder (1 Person)	
c. Mid Shoulder Extension Ladder (2 Person)	
i. Go over all safety commands	
ii. Throw fly in and flip to fly out, always	
iii. ROP will only throw 2 person today	
iv. Once proficient, at a later date, single person	
6. Roof Operations Discussion (going on roof tomorrow)	0:10
a. Safety	
b. Hazards	
c. What to look for	
d. Types of roofs	
e. Sounding the roof	
7. Throwing Ladders (Groups of 2 or 3)	0:45
a. Throw roof ladder (2 or 3 person)	
i. All commands	
b. Throw extension ladder (2 or 3 person)	
i. All commands	
8. Homework	0:05
a. Review chapter on ladders and Roof Construction	
b. Reminder Essay #2 due (10/06/2009)	
	Total time 2:00

### Day 20-Advanced Ladder Throws

#### Friday (10/02/2009)-Groveland Station 1

1. Roll Call	0:05
2. 1 and/or 2 minute Drills	0:10
3. Review on Roof Operations	0:05
4. Demo on Advanced ladder throwing (Instructors-3)	0:10
a. Extension ladder to roof	
b. Roof ladder hooked on roof	
c. Climb ladder onto roof	
d. Sounding roof	
e. Take ladders down	
f. All safety commands	
g. Answer any questions	
5. Advanced Ladders Drill (Groups of 3)	1:20
a. Extension ladder to roof	
b. Roof ladder hooked on roof	
c. Climb ladder onto roof	
d. Sounding roof	
e. Take ladders down	



# ROP Fire Science

- 
- 
- f. All safety commands
  - 6. Go over ladder bail off 0:15
    - a. Ladder slides
    - b. Adjust angle of ladder out
    - c. Slide down ladder
    - d. Short distance
    - e. Explain scenarios to use
  - 7. Homework 0:05
    - a. Review Arial Ladder Operations
    - b. Hand out on Ladder Throws Skills Sheet
    - c. Reminder Essay # 2 due (10/06/2009)
- Total Time 2:00

**Day 21-Ladders Master Drills\*\*\*\*\*EDIT NEEDED\*\*\*\*\***

**Saturday (10/03/2009) Groveland Station 1 or Sonora City Station 1**

- 1. Roll Call 0:05
  - 2. 1 Minute Drills 0:10
  - 3. If At Sonora-Aerial Ladder Operations \*\*\*\*\*CONFIRM\*\* 0:30
    - a. Set up
    - b. Use
    - c. Climbing
  - 4. If not at Sonora start here \*\*\*\*\*CONFIRM\*\*\*\*\*
  - 5. Ladder Drills (Practice if needed) 3:30
    - See Skills sheet for evaluation
    - a. 1 person roof ladder throw (all)
    - b. 2 Person extension ladder throw (all groups once)
    - c. 3 person Ladder Evolution (all groups once)
      - i. Extension Ladder
      - ii. Roof ladder
      - iii. Whole group onto roof
- ALL STUDENTS MUST COMPLETE ACCURATLY AS A GROUP
- 6. Clean up Sonora Station 0:15
  - 7. Homework
    - a. Reminder essay # 2 due on Tuesday (10/06/2009)
- Total Time 4:00



# ROP Fire Science

---

---

## Week 7-Ventillation

### **Day 22-Types of Ventilation**

#### **Tuesday (10/06/2009)-Room 3**

1. Roll Call 0:05
2. 1 Minute Drills 0:05
3. Collect Essay #2 0:30
  - a. Go over classes opinions
4. Ventilation 0:15
  - a. What it is
  - b. Why we use it
  - c. When we use it
  - d. How we use it
5. Video on Ventilation 0:10
6. Types of ventilation 0:15
  - a. Vertical
  - b. Horizontal
  - c. Positive pressure
  - d. Hydraulic
7. Reading smoke 0:15
  - a. What different smoke means
8. Physically go over Ventilation Tools 0:15
  - a. How they work
  - b. Care and Maintenance
9. Homework 0:10
  - a. **Pre-Quiz Types of Ventilation**
    - i. Types of Ventilation Hand Out
    - ii. Reference Chapter #
    - iii. Pre Quiz due tomorrow (10/08/2009)
    - iv. Test on Types of Ventilation tomorrow (10/08/2009)
  - b. **Project # 1-Lesson on a Fire Service Tool**
    - i. Hand out
    - ii. Must pick from list of available items
    - iii. Must give a 15 minute presentation on item picked
    - iv. Due on (10/24/2009)

Total Time 2:00

### **Day 23-Positive Pressure and Hydraulic Ventilation**

#### **Thursday (10/08/2009)-Groveland Station 1**

1. Roll Call 0:05
2. 1 and/or 2 Minute Drills 0:10
3. Correct/Turn in Pre-Quiz-Types of Ventilation 0:10
4. Test-Types of Ventilation 0:35





# ROP Fire Science

---

---

3. What is Fire	0:15
a. Classes of fire	
b. Pyrolysis	
c. Rapid Oxidation	
d. Chemical reaction	
e. Tetrahedron	
4. Types of Heat	0:15
a. Conduction	
b. Convection	
c. Radiation	
d. Endothermic vs. Exothermic	
e. Thermal Layering	
5. Phases of Fire	0:15
a. Ignition	
b. Growth	
c. Flashover	
d. Free Burn	
e. Decomposition	
6. Video on Phases of Fire/Fires	0:20
a. Discussion on Video(s)	
7. Thermal Layering	0:15
a. Visual prop?	
8. Homework	0:05
a. <b>Pre-Quiz <u>Fire Behavior</u></b>	
i. Fire behavior Hand out	
ii. Reference Chapter #	
iii. Pre-Quiz due tomorrow (10/15/2009)	
iv. Test on fire Behavior tomorrow (10/15/2009)	
b. Reminder Project #1 due on (10/24/2009)	
	Total Time 1:40

## Day 26-Fire Extinguishers

### Thursday (10/15/2009)-Room 3

1. Roll Call	0:05
2. 1 Minute Drills	0:05
3. Correct/Turn In Pre-Quiz Fire Behavior	0:10
4. Test-Fire Behavior	0:30
5. Fire Extinguishers	0:15
a. Extinguishing agents	
b. Testing extinguishers	
c. Types of extinguishment	
d. How to extinguish	



# ROP Fire Science

---

---

e. Application (PASS)	
6. Special features of fires	0:15
a. Smoke	
b. How to extinguish by class	
c. Methods of extinguishment	
7. Demo fire extinguishment by instructors	0:30
a. Fire extinguishers	
b. Water	
c. Foam	
8. Homework	0:05
a. <b><u>Pre-Quiz-Fire Extinguishers</u></b>	
i. Pre-Quiz Due tomorrow (10/16/2009)	
ii. Fire Extinguishment Hand Out	
iii. Reference Chapter #	
iv. Test on Pre- Quiz tomorrow (10/16/2009)	
b. Reminder Project # 1 Due on (10/24/2009)	
	Total Time 1:55

## **Day 27-Fire Control and Extinguishment**

### **Friday (10/16/2009)-Groveland Station 1**

1. Roll Call	0:05
2. 1 & 2 Minute Drills	0:10
3. Correct/Turn In Pre Quiz-Fire Extinguishers	0:15
4. Test-Fire Extinguishers	0:30
5. Fire Extinguisher Drills	1:00
a. Class A Fires	
b. Class B Fires	
6. Home Work	
a. Reminder Project #1 Due next Saturday (10/24/2009)	
	Total Time 2:00

## **Week 9-Ropes and Knots**

### **Day 28-Fire Service Ropes**

#### **Tuesday (10/20/2009)-Room 3**

1. Roll Call	0:05
2. 1 Minute Drills	0:05



# ROP Fire Science

---

---

3. Fire Service Ropes	0:15
a. Types of rope	
b. Uses	
c. Care and Maintenance	
d. Cleaning	
e. Hand out Pieces of rope to Students	
4. Fire Service Knots (Interactive Learning)	1:30
i. Students will follow along	
ii. Will be reviewing all week	
b. Figure 8	
c. Figure 8 on a Bight	
d. Figure 8 Follow Through	
e. Figure 8 on a bend	
f. Bowline	
g. Sheep Shank/Beckett Bend	
h. Square Knot	
i. Truckers Hitch	
j. Clove Hitch	
k. Round Turn	
l. Half Hitch	
m. Water Knot	
5. Homework	0:05
a. Pre-Quiz Ropes and Knots	
i. Ropes and Knots hand out	
ii. Due tomorrow (10/22/1009)	
iii. Reference Chapter #	
iv. Test on ropes and Knots tomorrow (10/22/2009)	
b. Reminder Project #1 Due on Saturday (10/24/2009)	
c. Practice Knots for Pre- Drills Tomorrow	
	Total Time 2:00

## Day 29-Tying Equipment for Hoist

### Thursday (10/22/2009)

1. Roll Call	0:05
2. 1 Minute Drills	0:05
3. Correct/Turn In Pre-Quiz Ropes and Knots	0:15
4. Test-Ropes and Knots	0:30
5. Split into 3 groups for rotations	1:00
a. Rotation 1-Tying off Hand Tools(0:20)	
i. Axe	
ii. Halligan	
iii. Pike Pole	



## ROP Fire Science

---

---

- iv. Rubbish Hook
  - b. Rotation 2-Tying off Hose Lines(0:20)
    - i. Charged 1  $\frac{3}{4}$ "
    - ii. Uncharged 1  $\frac{3}{4}$ "
    - iii. Uncharged 2  $\frac{1}{2}$ "
  - c. Rotation 3-Tying off Special Items(0:20)
    - i. Roof Ladder
    - ii. Fire Extinguisher
    - iii. Chainsaw
    - iv. Bolt Cutters
  - 6. Homework 0:05
    - a. Reminder Project # 1 due on Saturday (10/24/2009)
    - b. Practice Knots for Drill tomorrow (10/23/2009)
- Total Time 2:00

### Day 30-Ropes and Knots Drill Day

#### Friday (10/23/2009)-Groveland Station 1

- 1. Roll Call 0:05
- 2. 1 and/or 2 Minute Drills 0:15
- 3. Knot tying Drills 0:20
  - a. Figure 8
  - b. Figure 8 on a Bight
  - c. Figure 8 Follow Through
  - d. Bowline
  - e. Sheep Shank/Beckett Bend
  - f. Square Knot
  - g. Truckers Hitch
  - h. Clove Hitch
  - i. Water Knot
- 4. Split into 3 groups-Equipment Tying Off Drills 1:00

All students must tie off all equipment with proper knot

  - a. Rotation 1-Hand Tools
    - i. Axe
    - ii. Pike Pole
    - iii. Halligan
  - b. Rotation 2-Hose Lines
    - i. Charged 1  $\frac{3}{4}$ "
    - ii. Uncharged 1  $\frac{3}{4}$ "
  - c. Rotation 3-Misc Tools
    - i. Roof Ladder
    - ii. Fire Extinguisher
    - iii. Chain Saw



# ROP Fire Science

---

---

## 5. Homework

- a. Reminder Project #1 due tomorrow (10/24/2009)
  - b. Practice Knots for Knots test tomorrow (10/24/2009)
- Total Time     2:00

## **Day 31-Project #1 Presentation's and Knots Manipulative Test Saturday (10/24/2009)**

- 1. Roll Call 0:05
  - 2. Project #1 Presentation's Approx     4:00
    - a. 15 Minutes per student
    - b. Turn in lesson plan
  - 3. Knots Manipulative Test 0:30
    - a. Students will tie 5 Knots given on skills sheet
    - b. Must tie knot in given time
  - 4. Tying off Equipment Manipulative Test 0:30
    - a. Students will tie off 4 objects given on skills sheet
    - b. Must tie off with correct knot
    - c. Must be done in timely manor
  - 5. Homework 0:10
    - a. Pass out Info for CPR and 1<sup>st</sup> Responder
      - i.            Talk about EMS Weeks
      - ii.           Hand out/Sign/Fill out appropriate Paperwork
      - iii.          Study Chapter #
- Total Time     5:15

## Week 10-CPR/1<sup>st</sup> Responder

### **Day 32-CPR Day 1**

### **Tuesday (10/27/2009) Room 3**

- 1. Roll Call 0:05
  - 2. 1 Minute Drills 0:05
  - 3. CPR 2:00
    - a. CPR Instructors Lesson
  - 4. Homework 0:05
    - a. Essay #3-Fire Department Essay
      - i.            Hand Out
      - ii.           5 page minimum
      - iii.          MLA format
      - iv.          Due on (12/18/2009)
    - b. Instructors additional homework
- Total Time     2:15



# ROP Fire Science

---

---

## Day 32- CPR Day 2

### Thursday (10/29/2009) Room 3

1. Roll Call	0:05
2. 1 Minute Drills	0:05
3. CPR Continued	2:00
a. Review Tuesdays covered info	
b. Finish CPR class	
c. Final Psychomotor exams	
d. Pass out Cards????????????	
4. Homework	
a. Reminder Essay #3 due on (12/18/2009)	
	Total Time 2:10
	<u>Total Certification Time 4:00</u>

## Day 33- 1<sup>st</sup> Responder Day 1

### Friday (10/30/2009) Room 3

1. Roll Call	0:05
2. 1 Minute Drills	0:05
3. 1 <sup>st</sup> Responder Class	2:00
a. 1 <sup>st</sup> responder Instructors Lesson Plan	
4. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Instructors Additional Homework	
	Total Time 2:15

## Day 34-1<sup>st</sup> Responder Day 2

### Saturday (10/31/2009) Groveland Station 1

1. Roll Call	0:05
2. 1 Minute Drills	0:10
3. 1 <sup>st</sup> Responder Class	3:00
a. 1 <sup>st</sup> Responder Instructors Lesson Plan	
4. Lunch Break	0:45
5. 1 <sup>st</sup> Responder Class	3:55
a. 1 <sup>st</sup> Responder Instructors Lesson Plan	
6. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Instructors Additional Homework	
	Total Time 8:00

## Week 11-1<sup>st</sup> Responder

### Day 35-1<sup>st</sup> Responder Continued



# ROP Fire Science

---

---

## Monday (11-02-2009)-Room 3

1. Roll Call	0:05
2. 1 <sup>st</sup> Responder	2:00
a. 1 <sup>st</sup> Responder Instructors Lesson Plan	
3. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Instructors Homework	
Total Time	2:10

## Day 36-1<sup>st</sup> Responder Continued

### Tuesday (11-03-2009)-Room 3

1. Roll Call	0:05
2. 1 <sup>st</sup> Responder	2:00
b. 1 <sup>st</sup> Responder Instructors Lesson Plan	
3. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Instructors Homework	
Total Time	2:10

## Day 37-1<sup>st</sup> Responder Continued

### Thursday (11-05-2009)-Room 3

1. Roll Call	0:05
2. 1 <sup>st</sup> Responder	2:00
c. 1 <sup>st</sup> Responder Instructors Lesson Plan	
3. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Instructors Homework	
Total Time	2:10

## Day 38-1<sup>st</sup> Responder Continued

### Friday (11-06-2009)-Room 3

1. Roll Call	0:05
2. 1 <sup>st</sup> Responder	2:00
d. 1 <sup>st</sup> Responder Instructors Lesson Plan	
3. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Instructors Homework	
Total Time	2:10

## Day 39-1<sup>st</sup> Responder Day 2

### Saturday (11/07/2009) Groveland Station 1

1. Roll Call	0:05
--------------	------



# ROP Fire Science

---

---

2. 1 Minute Drills	0:10
3. 1 <sup>st</sup> Responder Class	3:00
a. 1 <sup>st</sup> Responder Instructors Lesson Plan	
4. Lunch Break	0:45
5. 1 <sup>st</sup> Responder Class	3:55
a. 1 <sup>st</sup> Responder Instructors Lesson Plan	
6. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Instructors Additional Homework	
Total Time	8:00

## Week 12-1<sup>st</sup> Responder

### **Day 40-1<sup>st</sup> Responder Continued**

#### **Monday (11-09-2009)-Room 3**

1. Roll Call	0:05
2. 1 <sup>st</sup> Responder	2:00
a. 1 <sup>st</sup> Responder Instructors Lesson Plan	
3. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Instructors Homework	
Total Time	2:10

### **Day 41-1<sup>st</sup> Responder Continued**

#### **Tuesday (11-10-2009)-Room 3**

1. Roll Call	0:05
2. 1 <sup>st</sup> Responder	2:00
a. 1 <sup>st</sup> Responder Instructors Lesson Plan	
3. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Instructors Homework	
Total Time	2:10

### **Day 42-1<sup>st</sup> Responder Continued**

#### **Thursday (11-12-2009)-Room 3**

1. Roll Call	0:05
2. 1 <sup>st</sup> Responder	2:00
a. 1 <sup>st</sup> Responder Instructors Lesson Plan	
3. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Instructors Homework	
Total Time	2:10



# ROP Fire Science

---

---

## Day 43-1<sup>st</sup> Responder Continued (FINALS/SKILLS)

### Friday (11-13-2009)-Room 3

1. Roll Call	0:05
2. 1 <sup>st</sup> Responder	2:00
b. 1 <sup>st</sup> Responder Instructors Lesson Plan	
3. Homework	0:05
c. Essay #3 due (12/18/2009)	
d. Instructors Homework	
Total Time	2:10

## Day 39-1<sup>st</sup> Responder Day 2 (FINALS/SKILLS)

### Saturday (11/07/2009) Groveland Station 1

1. Roll Call	0:05
2. 1 Minute Drills	0:10
3. 1 <sup>st</sup> Responder Class	3:00
a. 1 <sup>st</sup> Responder Instructors Lesson Plan	
4. Lunch Break	0:45
5. 1 <sup>st</sup> Responder Class	3:55
a. 1 <sup>st</sup> Responder Instructors Lesson Plan	
6. Homework	0:05
a. Essay #3 due (12/18/2009)	
Total Time	8:00

Total Certification Time 40:00

## Week 13 Auto Extrication and Rescue

### Day 40-Auto Extrication and Rescue

#### Monday (11/16/2009)-Room 3

1. Roll Call	0:05
2. Auto Extrication	2:00
a. Instructors Lesson Plan	
3. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Instructors Homework	
Total Time	2:10

### Day 41-Auto Extrication and Rescue

#### Tuesday (11/17/2009)-Room 3

1. Roll Call	0:05
2. Auto Extrication	2:00
a. Instructors Lesson Plan	



# ROP Fire Science

---

---

3. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Instructors Homework	
	Total Time 2:10
<b>Day 42-Auto Extrication and Rescue</b>	
<b>Thursday (11/19/2009)-Room 3</b>	
1. Roll Call	0:05
2. Auto Extrication	2:00
a. Instructors Lesson Plan	
3. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Instructors Homework	
	Total Time 2:10
<b>Day 43-Auto Extrication and Rescue (Auto-X Written Test)</b>	
<b>Friday (11/20/2009)-Room 3</b>	
1. Roll Call	0:05
2. Auto Extrication	2:00
a. Instructors Lesson Plan	
3. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Instructors Homework	
	Total Time 2:10
<b>Day 39-1<sup>st</sup> Responder Day 2 (Auto-X Manipulative Skills)</b>	
<b>Saturday (11/21/2009) Groveland Station 1</b>	
1. Roll Call	0:05
2. 1 Minute Drills	0:10
3. Auto-X Drills	3:00
a. Instructors Lesson Plan	
4. Lunch Break	0:45
5. Auto-X Drills	3:45
a. Instructors Lesson Plan	
6. Homework	0:05
a. Essay #3 due (12/18/2009)	
b. Review Building Construction Chapter #	
	Total Time 8:00
	<u>Total Certification Time 16:00</u>

## Week 14-Building Construction and Fire Inspections



# ROP Fire Science

---

---

## Day 40-Building Construction

### Tuesday (12/01/2009)-Room 3

1. Roll Call	0:05
2. 1 Minute Drills	0:05
3. Building Construction	0:30
a. Types of Construction	
b. Features in construction	
c. Construction by area	
d. How buildings are built	
4. Video	0:10
5. School Tour (Building Construction)	1:00
a. Discuss different types of construction	
b. Features	
c. Hazards	
6. Homework	0:10
a. Pre-Quiz Building Construction	
i. Hand Out	
ii. Due on Thursday (12/03/2009)	
iii. Test on Thursday (12/03/2009)	
iv. Reference chapter #	
b. Reminder Essay # 3 due on (12/18/2009)	
Total Time	2:00

## Day 41-Fire Inspections

### Thursday (12/03/2009)-Room 3

1. Roll Call	0:05
2. 1 Minute Drills	0:10
3. Correct/Turn In Building Construction Pre-Quiz	0:15
4. Test-Building Construction	0:30
5. Fire Prevention	0:15
a. What it is	
b. Why we do it	
c. Education & Experience required	
d. How its evolved	
6. Fire Inspections	0:15
a. When we do it	
b. How	
c. Why	
d. Key things to look for	
7. Go over inspection form	0:05
8. Homework	0:05
a. Pre-Quiz Fire Inspections	



# ROP Fire Science

---

---

- i. Hand Out
  - ii. Due on Thursday (12/04/2009)
  - iii. Test on Thursday (12/04/2009)
  - iv. Reference chapter #
  - b. Reminder Essay # 3 due on (12/18/2009)
- Total Time 1:40

## **Day 42-Buisness Inspections**

### **Friday (12/04/2009)-Groveland Station 1**

- 1. Roll Call 0:05
  - 2. 1 Minute Drills 0:10
  - 3. Correct/Turn In Fire Inspections Pre-Quiz 0:15
  - 4. Test-Fire Inspections 0:30
  - 5. Business Inspections 1:00
    - a. Walk through business inspections
    - b. Have students point out corrections
    - c. Go over building construction
  - 6. Homework
    - a. Reminder essay # 3 due on (12/18/2009)
- Total Time 2:00

## **Week 15-Basic Pump Operations**

### **Day 43-Basic Pump Operations**

#### **Tuesday (12/08/2009)-Room 3**

- 1. Roll Call 0:05
- 2. 1 Minute Drills 0:10
- 3. Pumps History 0:20
  - a. Beginning
  - b. Evolution
  - c. Present day
  - d. Future of pumps
- 4. Pumps 0:20
  - a. Types
  - b. What they do
  - c. Parts
- 5. Pump Maintenance 0:20
  - a. Daily's
  - b. Inspections
  - c. General Maintenance
- 6. Pump Daily Inspection Demo by Instructors 0:30
  - a. Walk through inspections



# ROP Fire Science

---

---

b. Go over pump in general	
7. Homework	0:05
a. Pre-Quiz Fire Service Pumps	
i. Hand Out	
ii. Due on Thursday (12/10/2009)	
iii. Test on Thursday (12/10/2009)	
iv. Reference chapter #	
b. Reminder essay # 3 Due on (12/18/2009)	
Total Time	1:40

## **Day 43-Basic Pump Operations Continued**

### **Thursday (12/10/2009)-Room 3**

1. Roll Call	0:05
2. 2 Minute Drills	0:05
3. Correct/Turn In Fire Service Pumps Pre-Quiz	0:15
4. Test-Fire Service Pumps	0:30
5. Pumping Hose Lines	0:30
a. Go over pressures	
b. Quick Math	
c. Friction Loss	
d. Elevation Loss/Gain	
e. General Information	
6. Demo Pumping by Instructors	0:30
a. Cross Lay	
b. Blitz Line	
c. Monitor	
7. Homework	0:05
a. Pre-Quiz Calculating Pump Pressure	
i. Hand Out	
ii. Due on Thursday (12/11/2009)	
iii. Written test (12/11/2009)	
iv. Reference chapter #	
b. Reminder essay # 3 Due on (12/18/2009)	
Total Time	2:00

## **Day 44-Basic Pump Operations and Hose Pulls**

### **Friday (12/11/2009)-Groveland Station 1**

1. Roll Call	0:05
2. Correct/Turn In Calculating Pump Pressure	0:15
3. Test-Calculating Pump Pressure	0:30
4. Pumping & Hose Pulls (Groups if possible for time)	1:05



# ROP Fire Science

---

---

- a. Have students pull line (ANY)
  - b. Have 1 student pump
  - c. 1 Line only
  - d. Student only needs to use quick match
  - e. Instructor guidance is advised
5. Homework 0:05
- a. Reminder- Essay # 3 due on (12/18/2009)
  - b. Master Drills and Final next week
  - c. Hand Out skills Sheet
  - d. Study all Pre-Quizzes for final (12/18/2009)
- Total Time??? 2:00???

## Week 16-1<sup>st</sup> Semester Finals Week

### **Day 45-Master Drill 1**

#### **Tuesday (12/15/2009)-Groveland Station 1**

1. Roll Call
2. 1 Minute Drill
3. 2 Minute Drill  
\*Split Into groups of 3
4. Knots
  - a. Bowline
  - b. Figure 8 on a Bight
  - c. Clove Hitch
  - d. Water Knot
  - e. Figure 8
5. Ladders
  - a. Single Person roof Ladder
  - b. 3 Person Extension/Roof Ladder evolution
6. Homework
  - a. Reminder Essay # 3 due on (12/18/2009)
  - b. Study all Pre-Quizzes for Final on (12/18/2009)

Total Time Can Vary

### **Day 46-Master Drill 2**

#### **Thursday (12/17/2009)-Groveland Station 1**

1. Roll Call
2. Hose Pulls
  - a. Cross Lays
  - b. Blitz Line



# ROP Fire Science

---

---

- c. Set Up Master Stream
- 3. EMS
  - a. Patient Assessment
  - b. C-spine/Back Boarding
- 4. Homework
  - a. Essay # 3 due tomorrow
  - b. Study all Pre-Quizzes for Final tomorrow

Total Time Can Vary

## Day 47-1<sup>st</sup> Semester Final

### Friday (12/18/2009)-Room 3

- |                                                       |      |
|-------------------------------------------------------|------|
| 1. Roll Call                                          | 0:05 |
| 2. Collect Essay #3                                   | 0:05 |
| 3. Review for Final Exam                              | 0:15 |
| 4. Final Exam                                         | 1:30 |
| 5. Homework (EXTRA CREDIT)                            | 0:05 |
| a. Sign up for day to perform ride along              |      |
| b. 8 hour minimum/24 hour max                         |      |
| c. Must perform ride along before return from break   |      |
| d. No more than 2 students per day                    |      |
| e. Must have evaluation filled out by officer on duty |      |
| f. Evaluation due on 01/05/2010                       |      |

Total 2:00

## END OF 1<sup>ST</sup> SEMESTER

---

### Week 17- ICS 200

#### Day 48-ICS 200

#### Monday (01/04/2010)-Room 3

- |              |      |
|--------------|------|
| 1. Roll Call | 0:05 |
|--------------|------|



# ROP Fire Science

---

---

2. Minute Drills	0:05
3. Turn in ride along evaluations	0:05
4. ICS 200	2:00
a. Instructors Lesson Plan	
5. Homework	0:05
a. Essay #4 <u>Fire Department Bio</u>	
i. Hand Out	
ii. 3 page minimum	
iii. MLA format	
iv. Due on (02/23/2010)	
b. Instructors Homework	
	Total Time 2:20
 <b>Day 49-ICS 200</b>	
<b>Tuesday (01/05/2010)-Room 3</b>	
1. Roll Call/Minute Drills	0:05
2. ICS 200	2:00
a. Instructors Lesson Plan	
3. Homework	0:05
a. Essay #4 due (02/23/2010)	
b. Instructors Homework	
	Total Time 2:10
 <b>Day 50-ICS 200</b>	
<b>Thursday (01/07/2010)-Room 3</b>	
1. Roll Call/Minute Drills	0:05
2. ICS 200	2:00
a. Instructors Lesson Plan	
3. Homework	0:05
a. Essay #4 due (02/23/2010)	
b. Instructors Homework	
	Total Time 2:10
 <b>Day 51-ICS 200</b>	
<b>Friday (01/08/2010)-Room 3</b>	
1. Roll Call /Minute drills	0:05
2. ICS 200	2:00
b. Instructors Lesson Plan	
3. Homework	0:05
c. Essay #4 due (02/23/2010)	
d. Instructors Homework	
	Total Time 2:10

---

---



# ROP Fire Science

---

---

## Day 52-ICS 200 (FINAL DAY)

### Saturday (01/09/2010) Groveland Station 1

1. Roll Call	0:05
2. 1 Minute Drills	0:10
3. ICS 200	3:00
a. Instructors Lesson Plan	
4. Lunch Break	0:45
5. ICS 200 (FINAL)	3:45
a. Instructors Lesson Plan	
6. Homework	0:05
a. Essay #4 due (02/23/2010)	
	Total Time 8:00
	<u>Total Certification Time 16:00</u>

## Week 18-Multi Casualty Incidents and EMS

### Day 53-MCI's

#### Tuesday (01/12/2010)-Room 3

1. Roll Call	0:05
2. 1 Minute Drills	0:10
3. What is a MCI	0:15
a. Types	
b. Determining	
c. Declaring	
4. Triage	0:15
a. How to	
b. Rpm's	
c. Triage area	
d. Triage tags	
5. Fill out a triage Tag for a victim	0:10
6. MCI Incident Command	0:15
a. What to do	
b. Set up	
c. Procedures	
d. Using the ICS System	
7. Video-MCI's	0:15
8. Homework	0:05
a. Reminder essay #4 Due (02/23/2010)	
	Total time 1:30

### Day 54-Triage Drills



# ROP Fire Science

---

---

## Thursday (01/14/2010)-Room 3

1. Roll Call	0:05
2. 1 Minute Drills	0:10
3. Triage	0:15
a. Recap	
b. Go over examples	
4. Triage drills	1:30
a. Have students perform triages on patients	
b. Fill out tags	
c. Up to 3 patients per group	
5. Homework	0:05
a. Reminder Essay #4 due (02/23/2010)	
Total Time	1:50

## Day 54-EMS Drills

### Friday (01/15/2010)-Groveland Station 1

1. Roll Call	0:05
2. Go over plans/stations for EMS Drills	0:05
3. EMS Drills	1:45
a. 5 different scenarios	
b. Students must "Run the Call"	
c. At 1 <sup>st</sup> Responder level	
4. Homework	0:05
a. Reminder essay #4 due (02/23/2010)	
Total Time	2:00

## Week 19-HAZ-MAT First Responder Operations

### Day 55-HAZ-MAT FRO

#### Tuesday (01/19/2010)-Room 3

1. Roll Call	0:05
2. 1 Minute Drills	0:05
3. HAZ-MAT	1:45
a. Instructors lesson plan	
4. Homework	0:05
a. Instructors Homework	
b. Reminder Essay #4 due (02/23/2010)	
Total Time	2:00

### Day 56-HAZ-MAT FRO

#### Thursday (01/21/2010)-Room 3

1. Roll Call	0:05
--------------	------



# ROP Fire Science

---

---

2. 1 Minute Drills	0:05
3. HAZ-MAT	1:45
a. Instructors lesson plan	
4. Homework	0:05
a. Instructors Homework	
b. Reminder Essay #4 due (02/23/2010)	
Total Time	2:00

## Day 57-HAZ-MAT FRO

### Friday (01/22/2010)-Room 3

1. Roll Call	0:05
2. 1 Minute Drills	0:05
3. HAZ-MAT	1:45
a. Instructors lesson plan	
4. Homework	0:05
a. Instructors Homework	
b. Reminder Essay #4 due (02/23/2010)	
Total Time	2:00

## Week 20-HAZ MAT First responder Operations

## Day 58-HAZ-MAT FRO

### Monday (01/25/2010)-Room 3

1. Roll Call	0:05
2. 1 Minute Drills	0:05
3. HAZ-MAT	1:45
a. Instructors lesson plan	
4. Homework	0:05
a. Instructors Homework	
b. Reminder Essay #4 due (02/23/2010)	
Total Time	2:00

## Day 59-HAZ-MAT FRO

### Tuesday (01/26/2010)-Room 3

1. Roll Call	0:05
2. 1 Minute Drills	0:05
3. HAZ-MAT	1:45
a. Instructors lesson plan	
4. Homework	0:05
a. Instructors Homework	
b. Reminder Essay #4 due (02/23/2010)	
Total Time	2:00



# ROP Fire Science

---

---

## Day 60-HAZ-MAT FRO

### Thursday (01/28/2010)-Room 3

1. Roll Call	0:05
2. 1 Minute Drills	0:05
3. HAZ-MAT	1:45
a. Instructors lesson plan	
4. Homework	0:05
a. Instructors Homework	
b. Reminder Essay #4 due (02/23/2010)	
Total Time	2:00

## Day 61-HAZ-MAT FRO (FINAL DAY)

### FRIDAY (01/29/2010)

1. Roll Call	0:05
2. 1 Minute Drills	0:05
3. HAZ-MAT	1:45
a. Instructors lesson plan	
4. Homework	0:05
a. Instructors Homework	
b. Reminder Essay #4 due (02/23/2010)	
Total Time	2:00

Total Certification Time 16:00

## Week 21 Rope Rescue Systems

### Day 62-Rope Rescue Systems

#### Tuesday (02/02/2010)-Room 3

1. Roll Call	0:05
2. 1 Minute Drills	0:05
3. Rope rescue Systems	0:30
a. Types	
b. Lifting	
c. Lowering	
d. Mechanical Advantage	
e. Ratios	
f. Anchor points	
g. Hardware	
h. Breakdown of parts	
4. Review of Ropes and Knots	0:15
5. Physically go over elements of Rescue Systems	1:00



# ROP Fire Science

---

---

6. Homework	0:05
a. Pre-Quiz Rope Rescue Systems	
b. Hand Out	
c. Reference Chapter #	
d. Due on (02/04/2010)	
e. Reminder Essay #4 due (02/23/2010)	
Total Time	2:00

## Day 63-Setting Up Rope Systems

### Thursday (02/04/2010)-Groveland Station 1

1. Roll Call	0:05
2. Correct/Turn In Rope Rescue Systems Pre Quiz	0:15
3. Rope Rescue Systems Pre-Quiz	0:30
4. Setting Up Rope Systems (0:30 Each Rotation)	1:30
a. Rotation 1-Pig Rig/Z-Rig	
i. Set up from scratch	
b. Rotation 2-Lowering System	
i. Set up from scratch	
c. Rotation 3-Stokes Basket	
i. Victim Securing	
ii. Carrying	
5. Homework	
a. Reminder Essay #4 due (02/23/2010)	
b. Wildland gear needed for tomorrow	
Total Time	2:20

## Day 64-Setting up Low Angle Rescue System

### Friday (02/05/2010)-Groveland Station 1

1. Roll Call	0:05
2. All Students in Wildland Gear	0:05
3. Setting up LARRO system for rescue	2:00
a. Patient rescue	
i. Go through drill min 2 times	
4. Homework	
a. Essay #4 Due (02/23/2010)	
Total Time	2:10

## Week 22-Rope Rescue Systems

## Day 65-Rope Rescue Drills

### Tuesday (02/09/2010)-Groveland Station 1

1. Roll Call	0:05
2. All students in Wildland Gear	0:05



# ROP Fire Science

- 
- 
- |                                        |      |
|----------------------------------------|------|
| 3. Low Angle Rescue Drills             | 2:00 |
| a. Over the bank                       |      |
| b. Single victim                       |      |
| c. Full Simulation                     |      |
| 4. Homework                            |      |
| a. Reminder Essay # 4 due (02/23/2010) |      |
| Total Time                             | 2:10 |

## Day 66-Rope Rescue Drills

### Thursday (02/11/2010)-Groveland Station 1

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. All students in Wildland Gear       | 0:05 |
| 3. Low Angle Rescue Drills             | 2:00 |
| a. Over the bank                       |      |
| b. Extrication needed                  |      |
| c. Single victim                       |      |
| d. Full Simulation                     |      |
| 4. Homework                            |      |
| a. Reminder Essay # 4 due (02/23/2010) |      |
| Total Time                             | 2:10 |

## Day 67- Rope Rescue Drills

### Friday (02/12/2010)-Groveland Station 1

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. All students in Wildland Gear       | 0:05 |
| 3. Low Angle Rescue Drills             | 2:00 |
| a. Over the bank                       |      |
| b. Extrication needed                  |      |
| c. Multiple Victims                    |      |
| d. Full Simulation                     |      |
| 4. Homework                            |      |
| a. Reminder Essay # 4 due (02/23/2010) |      |
| Total Time                             | 2:10 |

## Week 23- ARFF (Fire Control 5)

### Day 68-Fire Control 5

#### Tuesday (02/23/2010)-Room 3

- |                      |      |
|----------------------|------|
| 1. Roll Call         | 0:05 |
| 2. Turn In Essay # 4 | 0:05 |



# ROP Fire Science

---

---

3. Minute Drills	0:05
4. Intro to ARFF	1:50
a. Instructors Lesson Plan	
5. Homework	
a. Instructors lesson Plan	
Total Time	2:15

## Day 69-Fire Control 5

### Tuesday (02/25/2010)-Room 3

1. Roll Call	0:05
2. Minute Drills	0:05
3. ARFF	1:50
a. Instructors Lesson Plan	
4. Homework	
a. Instructors lesson Plan	
Total Time	2:00

## Day 70-Fire Control 5

### Tuesday (02/26/2010)-Groveland Station 1

1. Roll Call	0:05
2. Minute Drills	0:05
3. ARFF	1:50
a. Instructors Lesson Plan	
4. Homework	
a. Instructors lesson Plan	
Total Time	2:00

## Day 71-Fire Control 5 Drill

### Tuesday (02/26/2010)-Groveland Station 1

1. Roll Call	0:05
2. Minute Drills	0:05
3. ARFF Final Drills	6:00
a. Instructors Lesson Plan	
Total Time	6:10

## Week 24-Review Week 1

## Day 72-Ropes and Knots Review

### Tuesday (03/02/2010)-Tioga

1. Roll Call	0:05
--------------	------



# ROP Fire Science

- 
- 
- |                                                          |      |
|----------------------------------------------------------|------|
| 2. 1 and/or 2 Minute Drills                              | 0:15 |
| 3. Knot tying Drills                                     | 0:20 |
| a. Figure 8                                              |      |
| b. Figure 8 on a Bight                                   |      |
| c. Figure 8 Follow Through                               |      |
| d. Bowline                                               |      |
| e. Sheep Shank/Beckett Bend                              |      |
| f. Square Knot                                           |      |
| g. Truckers Hitch                                        |      |
| h. Clove Hitch                                           |      |
| i. Water Knot                                            |      |
| 4. Split into 3 groups-Equipment Tying Off Drills        | 1:00 |
| All students must tie off all equipment with proper knot |      |
| a. Rotation 1-Hand Tools                                 |      |
| i. Axe                                                   |      |
| ii. Pike Pole                                            |      |
| iii. Halligan                                            |      |
| b. Rotation 2-Hose Lines                                 |      |
| i. Charged 1 ¾"                                          |      |
| ii. Uncharged 1 ¾"                                       |      |
| c. Rotation 3-Misc Tools                                 |      |
| i. Roof Ladder                                           |      |
| ii. Fire Extinguisher                                    |      |
| iii. Chain Saw                                           |      |
| 5. Homework                                              |      |
| a. Review for Hose Pulls and Loads                       |      |

Total Time 2:00

## Day 73-Hose Pulls Review Day 1

### Thursday (03/04/2010)-Tioga

- |                                      |      |
|--------------------------------------|------|
| 1. Roll Call                         | 0:05 |
| 2. 1 and/or 2 Minute Drills          | 0:05 |
| 3. Split into 2 groups for rotations | 2:00 |
| a. Rotation 1-200' Cross Lays        |      |
| i. See skills sheet                  |      |
| b. Rotation 2-Blitz Line             |      |
| i. See skills sheet                  |      |

Total Time 2:10

## Day 73-Hose Pulls Review Day 2

### Friday (03/05/2010)-Tioga

- |              |      |
|--------------|------|
| 1. Roll Call | 0:05 |
|--------------|------|



# ROP Fire Science

---

---

2. 1 and/or 2 Minute Drills	0:05
3. Split into 2 groups for rotations	2:00
a. Rotation 2-200' Cross Lays	
i. See skills sheet	
b. Rotation 1-Blitz Line	
i. See skills sheet	
Total Time	2:10

## Week 25- Review Week 2

### **Day 74-C-Spine Review**

#### **Tuesday (03/09/2010)-Tioga**

1. Roll Call	0:05
2. 1 and/or 2 Minute drills	0:05
3. C-Spine Drills	1:50
a. Backboard	
b. Ked	
4. Homework	
a. Essay # 5 <u>My Improved 5 year Plan</u>	
i. Hand Out	
ii. 5 page minimum	
iii. MLA format	
iv. Due on (05/21/2010)	
Total Time	2:00

### **Day 75-Ladders Review Day 1**

#### **Thursday (03/11/2010)-Groveland Station 1**

1. Roll Call	0:05
2. 2 Minute drill	0:05
3. Roof Operations Review	0:10
a. Safety	
b. Hazards	
c. What to look for	
d. Types of roofs	
e. Sounding the roof	
4. Throwing Ladders (Groups of 2 or 3)	1:40
a. Throw roof ladder (2 or 3 person)	
i. All commands	
b. Throw extension ladder (2 or 3 person)	
i. All commands	
5. Homework	
a. Reminder Essay # 5 Due (05/21/2010)	



# ROP Fire Science

---

---

Total Time 2:00

## Day 76-Ladders Review Day 2

### Friday (03/12/2010)-Groveland Station 1

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. 1 and/or 2 Minute drills            | 0:05 |
| 3. Ladder Master Drills Review         | 1:50 |
| a. 3 Person Drill                      |      |
| b. 24' Extension                       |      |
| c. 14' Roof Ladder                     |      |
| d. Sound Roof                          |      |
| e. Simulate roof cut                   |      |
| 4. Homework                            |      |
| a. Reminder Essay # 5 Due (05/21/2010) |      |

Total Time 2:00

Week 26-Cirriculum TBA

Week 27-Cirriculum TBA

Week 28- Chainsaw Maintenance

## Day 83-Chainsaw Maintenance

### Tuesday (03/30/2010)-Tioga

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. 1 and/or 2 Minute Drills            | 0:05 |
| 3. Chainsaw Maintenance                | 1:45 |
| a. Instructors lesson plan             |      |
| 4. Homework                            | 0:05 |
| a. Instructors lesson plan             |      |
| b. Reminder Essay # 5 Due (05/21/2010) |      |

Total Time 2:00

## Day 84-Chainsaw Maintenance

### Thursday (04/01/2010)

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. 1 and/or 2 Minute Drills            | 0:05 |
| 3. Chainsaw Maintenance                | 1:50 |
| a. Instructors lesson plan             |      |
| 4. Homework                            |      |
| c. Reminder Essay # 5 Due (05/21/2010) |      |

Total Time 2:00



# ROP Fire Science

---

---

## Week 29- Spring Break Wildland Academy (OPTIONAL)

**Day 85-90 67 Hour Wildland Academy**  
**Monday (04/05/2010) to Saturday (04/10/2010)-Location TBA**

## Week 30-Rapid Intervention Tactics

### **Day 91-RIT Operations**

#### **Tuesday (04/13/2010)-Tioga**

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. 1 and/or 2 Minute drills            | 0:05 |
| 3. RIT Operations                      | 1:50 |
| a. Instructors lesson Plan             |      |
| 4. Homework                            |      |
| a. Instructors Lesson Plan             |      |
| b. Reminder Essay # 5 Due (05/21/2010) |      |
| Total time                             | 2:00 |

### **Day 92-RIT Operations**

#### **Thursday (04/15/2010)-Tioga**

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. 1 and/or 2 Minute drills            | 0:05 |
| 3. RIT Operations                      | 1:50 |
| a. Instructors lesson Plan             |      |
| 4. Homework                            |      |
| a. Instructors Lesson Plan             |      |
| b. Reminder Essay # 5 Due (05/21/2010) |      |
| Total time                             | 2:00 |

### **Day 93-RIT Operations**

#### **Friday (04/16/2010)-Tioga**

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. 1 and/or 2 Minute drills            | 0:05 |
| 3. RIT Operations                      | 1:50 |
| a. Instructors lesson Plan             |      |
| 4. Homework                            |      |
| a. Instructors Lesson Plan             |      |
| b. Reminder Essay # 5 Due (05/21/2010) |      |
| Total time                             | 2:00 |

### **Day 94-RIT Operations**



# ROP Fire Science

---

---

## Tuesday (04/20/2010)-Tioga

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. 1 and/or 2 Minute drills            | 0:05 |
| 3. RIT Operations                      | 1:50 |
| a. Instructors lesson Plan             |      |
| 4. Homework                            |      |
| a. Instructors Lesson Plan             |      |
| b. Reminder Essay # 5 Due (05/21/2010) |      |
| Total time                             | 2:00 |

## Day 95-RIT Operations

### Tuesday (04/22/2010)-Tioga

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. 1 and/or 2 Minute drills            | 0:05 |
| 3. RIT Operations                      | 1:50 |
| a. Instructors lesson Plan             |      |
| 4. Homework                            |      |
| a. Instructors Lesson Plan             |      |
| b. Reminder Essay # 5 Due (05/21/2010) |      |
| Total time                             | 2:00 |

## Day 96-RIT Operations

### Tuesday (04/23/2010)-Tioga

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. 1 and/or 2 Minute drills            | 0:05 |
| 3. RIT Operations                      | 1:50 |
| a. Instructors lesson Plan             |      |
| 4. Homework                            |      |
| a. Instructors Lesson Plan             |      |
| b. Reminder Essay # 5 Due (05/21/2010) |      |
| Total time                             | 2:00 |

## Day 97-RIT Operations Drill Day

### Tuesday (04/24/2010)-Tioga

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. 1 and/or 2 Minute drills            | 0:05 |
| 3. RIT Operations Drills               | 6:50 |
| a. Instructors lesson Plan             |      |
| 4. Homework                            |      |
| a. Reminder Essay # 5 Due (05/21/2010) |      |
| Total time                             | 7:00 |



# ROP Fire Science

---

---

## Week 31-Firefighter Survival

### **Day 98-Firefighter LODD/Near Miss Scenarios**

#### **Tuesday (04/27/2010)-Tioga**

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. 1 and/or 2 Minute Drills            | 0:05 |
| 3. LODD                                | 0:30 |
| a. Talk about this year's LODD's       |      |
| b. Trends                              |      |
| c. LODD Reports                        |      |
| d. Common denominators                 |      |
| 4. Near Miss Scenarios                 | 0:20 |
| a. Go over scenarios                   |      |
| b. Drills made for scenarios           |      |
| 5. Self Survival                       | 0:30 |
| a. Tools to use                        |      |
| b. Tools to carry in pockets           |      |
| c. Mayday calls                        |      |
| i. LCAN report                         |      |
| 6. Homework                            | 0:05 |
| a. Pre-Quiz-Firefighter Survival       |      |
| i. Due on Thursday (04/29/2010)        |      |
| ii. Test on Pre-Quiz on Thursday       |      |
| iii. Reference Chapter #               |      |
| b. Reminder Essay # 5 Due (05/21/2010) |      |
| Total Time                             | 1:35 |

### **Day 99-Firefighter Survival Drills**

#### **Tuesday (04/29/2010)-Groveland Station 1**

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. 1 and/or 2 Minute Drills            | 0:05 |
| 3. Blind Hose line follow drill        | 0:45 |
| a. Full Turnouts                       |      |
| b. Follow Hose line out                |      |
| c. Blindfolded                         |      |
| d. SCBA on air                         |      |
| 4. SCBA Assembly Blindfolded           | 0:45 |
| 5. Homework                            |      |
| a. Reminder Essay # 5 Due (05/21/2010) |      |
| Total Time                             | 1:40 |

### **Day 100-Firefighter Survival Drills**



# ROP Fire Science

---

---

## Friday (04/30/2010)-Groveland Station 1

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. 1 and/or 2 Minute Drills            | 0:05 |
| 3. Confidence Course                   | 0:45 |
| 4. Homework                            |      |
| a. Reminder Essay # 5 Due (05/21/2010) |      |
| Total Time                             | 1:40 |

## Week 32-Job Preparation Skills

### Day 101-The Application Process

#### Tuesday (05/04/2010)-Tioga

- |                                        |      |
|----------------------------------------|------|
| 1. Roll Call                           | 0:05 |
| 2. 1 and/or 2 Minute Drills            | 0:05 |
| 3. Applications                        | 0:45 |
| a. How to fill out                     |      |
| b. Turning In                          |      |
| c. First impressions                   |      |
| 4. Where to find job openings          | 0:10 |
| a. Internet                            |      |
| b. Networking                          |      |
| c. newspaper                           |      |
| 5. Homework                            |      |
| a. Reminder Essay # 5 Due (05/21/2010) |      |
| Total Time                             | 1:05 |

### Day 102-Resumes

#### Thursday (05/06/2010)-Tioga

- |                             |      |
|-----------------------------|------|
| 1. Roll Call                | 0:05 |
| 2. 1 and/or 2 Minute Drills | 0:05 |
| 3. Resumes                  | 0:45 |
| a. How to fill out          |      |
| b. Turning In               |      |
| c. Info Needed              |      |
| d. Example resumes          |      |
| e. Cover letters            |      |
| f. Portfolios               |      |
| 4. Work on resumes          | 0:45 |
| 5. Homework                 | 0:05 |
| a. Make a resume            |      |
| i. Due on interview date    |      |
| ii. 1 page Only             |      |



# ROP Fire Science

---

---

b. Reminder Essay # 5 Due (05/21/2010)

Total Time 1:45

## Day 102-Interviews

### Friday (05/07/2010)-Tioga

1. Roll Call 0:05
2. 1 and/or 2 Minute Drills 0:05
3. Interviews 0:45
  - a. How they work
  - b. What they are
  - c. What to wear
  - d. What to expect
  - e. How to prepare
4. Draw names for interview order 0:45
  - a. Interviews on (05/27/2010)
5. Homework 0:05
  - a. Make a resume
    - i. Due on interview date
    - ii. 1 page Only
  - b. Reminder Essay # 5 Due (05/21/2010)

Total Time 1:45

## Week 33-Water Rescue Awareness

### Day 103-Water Rescue

#### Tuesday (05/11/2010)-Tioga

1. Roll Call 0:05
2. 1 and/or 2 Minute Drills 0:05
3. Water Rescue 1:50
  - a. Instructors Lesson Plan
4. Homework
  - a. Instructors Lesson Plan
  - b. Make a resume
    - i. Due on interview date
    - ii. 1 page Only
  - c. Reminder Essay # 5 Due (05/21/2010)

Total Time 2:00

### Day 104-Water Rescue

#### Thursday (05/13/2010)-Tioga

1. Roll Call 0:05
2. 1 and/or 2 Minute Drills 0:05



# ROP Fire Science

---

---

3. Water Rescue	1:50
a. Instructors Lesson Plan	
4. Homework	
a. Instructors Lesson Plan	
b. Make a resume	
i. Due on interview date	
ii. 1 page Only	
c. Reminder Essay # 5 Due (05/21/2010)	
Total Time	2:00

## Day 105-Water Rescue

### Friday (05/14/2010)-Pine Mountain Lake

1. Roll Call	0:05
2. 1 and/or 2 Minute Drills	0:05
3. Water Rescue	1:50
a. Instructors Lesson Plan	
4. Homework	
a. Instructors Lesson Plan	
b. Make a resume	
i. Due on interview date	
ii. 1 page Only	
c. Reminder Essay # 5 Due (05/21/2010)	
Total Time	2:00

## Week 34-Resumes, Orals, & Master Drill Set Up

### Day 106-Orals Day 1

#### Monday (05/17/2010)-Tioga

1. Roll Call	0:05
2. Start Oral Interviews	2:00
3. Plan Master drill	
a. Students plan graduation drill	
b. Students not in interview take part	
4. Homework	
a. Make a resume	
i. Due on interview date	
ii. 1 page Only	
b. Reminder Essay # 5 Due (05/21/2010)	
Total Time	2:00

### Day 107-Orals Day 2

#### Tuesday (05/18/2010)-Tioga



# ROP Fire Science

---

---

1. Roll Call	0:05
2. Continue Oral Interviews	2:00
3. Plan Master drill	
a. Students plan graduation drill	
b. Students not in interview take part	
4. Homework	
a. Reminder Essay # 5 Due (05/21/2010)	
Total Time	2:00

## Day 107-Master Drill Practice

### Thursday (05/20/2010)-Tioga

1. Roll Call	0:05
2. Set Up Master Drill	TBD
3. Do as many run through as possible	TBD
4. Homework	
a. Essay # 5 Due tomorrow (05/21/2010)	
Total Time	2:00

## Day 108-Final Day

### Friday (05/21/2010)-Tioga

1. Roll Call	0:05
2. Collect Essay # 5	0:05
3. Review for final	0:30
4. Take Final	1:30
Total Time	2:00

## Day 109-Final Day

### Saturday (05/22/2010)-Tioga

1. Roll Call	0:05
2. Perform Master Drill	TBD
3. All successful students Graduate!!!!	
4. Hand out all certificates earned	



# ROP Fire Science

---

---