State Firemen's & Fire Marshals' Association of Texas

MID-WEST FIREFIGHTER'S ASSOCIATION

Greetings Fellow Firefighters,

We would like to invite you to join us for the 3rd Annual, Mid-West Texas Introductory Firefighter Academy.

The Academy will be conducted on five (5) Saturdays beginning on January 10, 2009 in Stamford and ending on March 7, 2007 in Merkel.

Whether you are new to the fire service and building hours toward your introductory certification in attempt to be eligible to participate in live fire training, or an old hand looking for refresher training, the academy offers an excellent opportunity to obtain quality training close to home.

By participating in the academy, Stamford's Wildland School, Rope N Smoke and Abilene's area school, a firefighter can complete a large portion of the requirements for basic certification with minimal travel.

We will accept enrollment until the start of Class 1, or until we have approximately 32 paid students. However, to ensure we have your course materials and the class is not full, **please preregister with Steve or Clay. If possible please preregister before December 15th.**

To preregister, complete the enclosed TEEX form and mail with payment to Steve.

http://www.teex.com/ESTI/documents/TEEX_Registration_Form.pdf

Thank you and Be Safe!

Clay

Emergency Services Training Institute
Texas Engineering Extension Service
The Texas A&M University System
301 Tarrow
College Station, Texas 77840-7896

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The Texas A&M University System
HB 2604 Approved

SFFMA Mid-West Texas Introductory Firefighter Training Academy

January 10,24, February 7, 28
Mach 7, 2009

Class 1- Stamford, TX, Class 2- Hamlin, TX,
Class 3- Anson, TX, Class 4- Abilene, TX,
Class 5- Merkel, TX

TEEX Registration	To expedite the TEEX registration process and to omit spelling errors on certificates, please complete the online TEEX registration form. Enter the appropriate information (do not fill out the class selections - you will receive further instructions upon arrival at registration). Print, sign & date, and bring the completed form to the course/school you are attending. www.teex.com/ESTI/documents/TEEX_Registration_Form.pdf

ANNOUNCING

SFFMA Mid-West Texas Introductory Firefighter Training Academy

WHEN…… January 10,24, February 7, 28, and March 7, 2009

WHERE…… Class 1 Stamford TX, Class 2 Hamlin, TX, Class 3 Anson, TX, Class 4 Abilene, TX, Class 5 Merkel, TX

TEXAS FOREST SERVICE
The Texas A&M University System
HB 2604 Approved

FEE…….. $375.00 Payable To: Mid-West Texas Firemen's Association fee includes Jones & Bartlett Fundamentals of Firefighter Skills book & CD 2nd eddition, CPR course and card fees, printed course materials, training aids such as rope and CPR masks and a noon meal each session.

REGISTRATION… REGISTRATION WILL BE ACCEPTED UNTIL THE BEGINNING OF CLASS 1.

WHO…… All members of volunteer, paid, or part-paid fire departments of cities and industries who want the latest training in firefighting and related skills.

WHY…… To keep abreast of new opportunities and developments in the fire service and gain experience in various fire control and fire protection methods.

COURSE INFORMATION:

Course	Day / Time	*REQ	Objectives	Hrs
Class 1- Stamford VIP Center	January 10, 2009 8 A.M		Fire Department Organization, First Aid/CPR, Ropes and Knots, History of the Fire Service	
Class 2- Hamlin Fire Department	January 24, 2009 8 A.M		Safety and Personal Protective Equipment, Rescue Practices, Ropes and Knots Skills Evaluations	
Class 3- Anson HS Ag Shop	February 7, 2009 8 A.M		Fire Behavior, Ground Cover, SCBA	
Class 4- Abilene Fire Dept. Training Field	February 28, 2009 8 A.M		Fire Streams, Fire Hose Practices, Ladder Practices	
Class 5- Heritage Hall Merkel	March 7, 2009		Forcible Entry, Ventilation, Courage to be Safe, Graduation	

****PPE / SCBA must be NFPA-approved***

Students Must Provide their own PPE and SCBA (if possible) for classes

Conducted By: The Texas Engineering Extension Service, a member of The Texas A&M University System.

Sponsored By: SFFMA Mid-West Texas District Firefighter's Association

Facilities Furnished By: Mid West Texas Member Departments & The Abilene Fire Department

For more information: Steve Cochran 325-928-5304 email:stevec.@taylortel.net
Clay Deatherage 325-823-3614 email: mo2se@att.net

Pre-Registration to: Steve Cochran
821 Yucca
Merkel, TX 79536

Make Checks Payable To: Mid-West Texas Fireman's Association

TEEX Registration	To expedite the TEEX registration process and to omit spelling errors on certificates, please complete the online TEEX registration form. Enter the appropriate information (do not fill out the class selections - you will receive further instructions upon arrival at registration). Print, sign & date, and bring the completed form to the course/school you are attending. www.teex.com/ESTI/documents/TEEX_Registration_Form.pdf

2009 SFFMA MID-WEST TEXAS DISTRICT
INTRODUCTORY FIREFIGHTER TRAINING ACADEMY

WHAT IS IT?

The academy is a program designed to allow big country firefighters to obtain their requirements for introductory certification locally! **The Academy will be conducted as a TEEX sanctioned area school.**

The curriculum will consist of 94 objective based credit hours as specified by the State Fireman and Fire Marshal's Association of Texas. The course will be taught by SFFMA credentialed instructors, and / or Texas Commission on Fire Protection Certified Instructors using the Jones & Bartlett Fundamentals of Firefighter Skills book & CD 2nd Edition Firefighter Training Materials. We feel the curriculum must include a CPR certification to fully comply with SFFMA training objectives. This section will be taught by American Heart Association certified instructors. Lastly, the Courage To Be Safe so that Everyone Goes Home will be presented to conclude Class 5. This class will open to all at no cost. Spouses and family members are encouraged to attend this session.

WHEN, WHERE & HOW?

The academy format will consist of home study, classroom review and instruction, written examinations, and practical skills instruction. Currently, five sessions are scheduled, however the number of sessions may be adjusted based upon needs of the program or adverse weather conditions. The classes are scheduled on Saturday, January 10, 2009, at the VIP center, Stamford, Texas, Jan. 24 at the Hamlin FD, Feb. 7 at the Anson High School Ag Shop, Feb. 28 at the Abilene Fire Department training field and March 7 at Heritage Hall in Merkel.

WHAT IS THE COST?

Tuition for the Academy will be $375.00, and include a Jones & Bartlett Fundamentals of Firefighter Skills 2nd Edition Firefighter Training Manual and Skills CD, CPR course and card fees, printed course materials, training aides such as rope and CPR masks and a noon meal each session. Each student will be required to provide their own personal protective clothing; and SCBA if possible. SCBAs will be provided for those individuals who cannot provide their own.

THIS COURSE IS ELIGIBLE FOR 100% TEXAS FOREST SERVICE FUNDING!

TEEX WILL ISSUE CERTIFICATES OF COMPLETION!

Should you require additional information, please do not hesitate to contact:

Steve Cochran
821 Yucca
Merkel, TX 79536
(325) 928-5304
stevec@taylortel.net

Clay Deatherage
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2009 SFFMA MID-WEST TEXAS DISTRICT
INTRODUCTORY FIREFIGHTER TRAINING ACADEMY

PURPOSE: The purpose of this program is to affirm and enhance the Mid-West Texas Firemen's Association's mission of promoting current, high quality firefighter training in accordance with the standard's prescribed by the State Firemen's & Fire Marshals' Association of Texas.

INTRODUCTION: It is the goal of this program to elevate the level of life and health safety of the residents, and the volunteer firefighters of the Mid-West Region of Texas via increased and improved training of the firefighters.

The State Firemen's & Fire Marshals' Association of Texas established the Introductory Firefighter Certification Program as an established baseline, or, foundation from which all SFFMA prescribed training requirements will be built. The SFFMA states, ***"This level of certification was established to meet or exceed minimum requirements under the 1992 edition of NFPA 1403 for the novice firefighter, and to ensure training objectives for Live Fire Training". "The Introductory firefighter certification is a Certification Board recommendation requiring 70 hours of training prior to participation in an actual live structural fire."***

Moreover, in an effort to enhance instructor and student safety, and limit liability, an increasing number of Firefighter training schools in Texas are requiring students to have an Introductory Firefighter Certification as a prerequisite to participating in live fire training.

In accordance with the new SFFMA training guidelines, the Texas Engineering Extension Service (TEEX) revised the curriculums of Firefighting I – IV taught at the Annual Municipal Fire Training School in College Station. Currently, firefighters who complete Firefighting I & II will be eligible to apply for their Introductory Firefighter Certification. Subsequent completion of Firefighting III & IV will qualify them to apply for a Basic Firefighter's Certification issued by the State Firemen's & Fire Marshals' Association of Texas.

While we applaud and staunchly support these revisions, we realize that only a small percentage will have the means to attend Annual School at A&M. Reality dictates that due to personal time constraints, employment schedules, personal and departmental budgets, departmental staffing and a host of other factors; the majority of Firefighters, unfortunately, will never attend fire school at A&M.

Additionally, due to a critical shortage of volunteers in the communities of our region, departments cannot wait two years for a Firefighter to obtain an Introductory Certification. Simply stated, the departments must be able to use new recruits for fire suppression duties as soon as safety concerns allow. Completion of this course will exceed minimum recommended training requirements for structural firefighters in an expedient manner, thus enhancing firefighter safety and limiting department liability.

PROGRAM: In an effort to ensure all Firefighters receive the proper training in order to fulfill their duties as Firefighters, it is proposed the Mid-West Texas District conduct an annual Introductory Firefighter Certification class. This class should be open to any and all firefighters that wish to attend.

It should be clearly stated, the proposed Class is not in any fashion or form intended to replace, or, compete with any existing Firefighter Training Program; but to compliment and expand upon current training programs by providing recommended preparatory training.

Anticipated goals should include:

1. Provide Critical Training to those who would otherwise lack the ability to meet the recommended standards.
2. Expedite the training process in order to allow volunteers to make the maximum contributions to their departments in the shortest practical time frame.
3. Provide a venue for obtaining mandatory, prerequisite training that will allow them to obtain Live Fire Training at existing regional and area schools.
4. Increase Firefighter safety and limit fire department liability issues that stem from inadequate training.

METHOD: A combination home study / classroom approach is recommended. The training should be objective based as prescribed by SFFMA, be delivered by properly credentialed instructors, use existing resources from within the District, be presented in a format that allows maximum participation by the area's Firefighters and be organized and conducted in a manner that conforms to all requirements to ensure eligibility for tuition assistance and / or reimbursement from all applicable sources. The tuition should include all required training materials. Student would be responsible for providing all personal protective equipment (PPE) and, SCBA when required. All required printed material should be included with the tuition.

CURRICULUM: The recommended curriculum satisfies 94 training objective hours, which exceeds the SFFMA minimum recommendation by 24 hours. The additional 24 hours are suggested for a number of reasons: 1) The skills learned in the additional hours are required to complete SFFMA recommended training objectives. 2) The objectives are easily covered while teaching the SFFMA recommendations. 3) It is a simple fact that Firefighters in rural, remote areas are often required to perform tasks that would normally be performed by a more experienced individual due to a lack of additional personnel. Therefore, the additional training is essential for the safety of all involved.

Completion of this course will completely satisfy the SFFMA learning objectives for Basic Firefighter Certification in the following sections:

Section 1, Fire Department Organization
Section 2, Forcible Entry
Section 4, Fire Hose Practices
Section 6, Fire Streams
Section 8, Ventilation Practices
Section 15, Fire Behavior (Fire Science)
Section 23, Safety & Protective Clothing
Section 27, SCBA
Section 28, Ropes
Courage To Be Safe

2009 SFFMA MID-WEST TEXAS DISTRICT
INTRODUCTORY FIREFIGHTER TRAINING ACADEMY

CLASS SCHEDULE & INSTRUCTORS

CLASS 1: JANUARY 10, 2009 VIP CENTER STAMFORD, TX 8:00 A. M.

FIRE DEPARTMENT ORGANIZATION
Clay Deatherage, Hawley FD, Instructor in Charge

HISTORY OF THE FIRE SERVICE
Wyatt Oakley, Stamford FD, Instructor in Charge

FIRST AID / CPR
Charlotte Arendall, Haskell FD, Instructor in Charge
Dana Sowell, Buffalo Gap FD, Field Instructor
Jason Anderson, Hawley FD, Field Instructor
Bill Bias Hawley FD, Field Instructor
Doug Jeter Hawley FD, Field Instructor
Derrick Sowell Buffalo Gap FD, Field Instructor

ROPES & KNOTS
Derrick Sowell, Hawley FD, Instructor in Charge
Devery Rosenquist, Anson FD, Field Instructor
Clifton Morrison Anson FD, Field Instructor
Glenn Burks, Hawley FD, Field Instructor
Cy Posey Snyder FD, Field Instructor
David Casper, Merkel FD, Field Instructor

CLASS 2: JANUARY 24, 2009 HAMLIN FIRE DEPARTMENT 8:00 A. M.

SAFETY & PROTECTIVE CLOTHING
Wyatt Oakley, Stamford FD, Instructor in Charge

RESCUE OPERATIONS
Derek Briggs Abilene FD, Instructor in Charge
Eddy Harris, Merkel FD, Field Instructor
Devery Rosenquist, Anson FD, Field Instructor
Kris Hester, Merkel FD, Field Instructor
Charlotte Arendall, Haskell FD, Field Instructor
Mel Deatherage, Hawley FD, Field Instructor

ROPES & KNOTS SKILLS EVALUATIONS
Derrick Sowell, Hawley FD, Instructor in Charge
Devery Rosenquist, Anson FD, Field Instructor
Clifton Morrison Anson FD, Field Instructor
Glenn Burks, Hawley FD, Field Instructor
Cy Posey Snyder FD, Field Instructor

CLASS 3: FEBRUARY 7, 2007 ANSON HIGH SCHOOL AG SHOP 8:00 A. M.

FIRE BEHAVIOR
Danny Campbell, Anson FD, Instructor in Charge

GROUND COVER
Hoss Smith, Hamby FD, Instructor in Charge

SCBA
Clifton Morrison, Anson FD, Instructor in Charge
Kris Hester, Merkel FD, Field Instructor
Eddie Harris, Merkel FD, Field Instructor
Derek Briggs Abilene FD, Instructor in Charge
John Knerr, Hawley FD, Field Instructor
Devery Rosenquist, Anson FD, Field Instructor
Glenn Burks, Hawley FD, Field Instructor
Doug Jeter, Hawley FD, Field Instructor
Frank Reyna, Hawley FD, Field Instructor

CLASS 4: FEBRUARY 28, 2009 ABILENE FIRE DEPARTMENT TRAINING FIELD

FIRE STREAMS
Eddie Harris, Merkel FD, Instructor in Charge
Clay Deatherage, Hawley FD, Field Instructor
Devery Rosenquist, Anson FD, Field Instructor
Kris Hester, Merkel FD, Field Instructor
David Casper, Merkel FD, Field Instructor

FIRE HOSE PRACTICES
Eddie Harris, Merkel FD, Instructor in Charge
Alan Plumlee, Abilene FD, Field Instructor
Devery Rosenquist, Anson FD, Field Instructor
Kris Hester, Merkel FD, Field Instructor
Derrick Sowell Buffalo Gap FD, Field Instructor

LADDER PRACTICES
Derek Briggs, Abilene FD, Instructor in Charge
Devery Rosenquist, Anson FD, Field Instructor
Wyatt Oakley, Stamford FD, Field Instructor
John Knerr, Hawley FD, Field Instructor
Glenn Burks, Hawley FD, Field Instructor
Doug Jeter, Hawley FD, Field Instructor
Frank Reyna, Hawley FD, Field Instructor

RETEST / SKILLS REVIEW MAKE UP DAY

CLASS 5: MARCH 7, 2009 HERITAGE HALL, MERKEL 8:00 A. M.

FORCIBLE ENTRY
Steve Cochran, Merkel FD, Instructor in Charge
Kris Hester, Merkel FD, Field Instructor
Derek Briggs, Abilene FD, Field Instructor
Devery Rosenquist, Anson FD, Field Instructor
Wyatt Oakley, Stamford FD, Field Instructor
John Knerr, Hawley FD, Field Instructor
Glenn Burks, Hawley FD, Field Instructor
Doug Jeter, Hawley FD, Field Instructor
Frank Reyna, Hawley FD, Field Instructor

VENTILATION
Cy Posey, Snyder FD, Instructor in Charge
Kris Hester, Merkel FD, Field Instructor
Derrick Sowell Buffalo Gap FD, Field Instructor
Clifton Morrison Anson FD, Field Instructor
Wyatt Oakley, Stamford FD, Field Instructor
Dana Sowell, Buffalo Gap FD, Field Instructor
David Casper, Merkel FD, Field Instructor

COURAGE TO BE SAFE
Clay Deatherage, Hawley FD, Instructor in Charge
Earnest Reesing, TEEX
Billy Marquis, TEEX
Deloss Edwards, Abilene FD, Guest Lecturer
Art Roady, Lake Coleman FD, Guest Lecturer

GRADUATION EXERCISES

ACADEMY LEAD INSTRUCTORS

Steve Cochran, Merkel FD, Mid-west Texas District Certification Coordinator
Kris Hester, Merkel FD, Mid-west Texas District 1st Vice President
Clay Deatherage, Hawley FD, Mid-West Texas Parliamentarian

SFFMA MID-WEST TEXAS DISTRICT
INTRODUCTORY FIREFIGHTER TRAINING ACADEMY
2009 POLICIES

1. Academy is open to all firefighters, Jr Firefighters and Fire Cadets. Students **Must be 18 years of age and older to participate in live fire exercises. Minors must have parental signature authorizing participation on their registration. Home department and parents assume all responsibility for minors below the age of 18 years.**

2. Tuition must be paid at or before registration; there will be no refunds

3. TEEX will issue "successfully completed" certificates to all firefighters with passing grades

4. TEEX will issue "attended" certificates to any who complete the course with a failing grade.

5. Passing is defined by 70% or higher on all written exams and as specified on skills review scoring guidelines.

6. One retest per written exam will be allowed, Skills retest as specified on scoring sheet

7. Students must receive a passing grade on each section examination and final exam to pass

8. Mid-West Texas District will issue "attended" certificates for objectives completed to any students who do not complete the academy

9. Each Lead and Instructor in Charge must provide the Mid-West District with a copy of his / her teaching credentials

10. Evaluator's opinion is final on all skills assessments

11. Students will be expected to cooperate with instructors and participate fully in all classes and exercises.

12. It shall be the student's responsibility to notify the lead instructors of any physical and / or medical conditions and /or learning disabilities that will require special consideration for successful program completion. Strict confidentiality will be maintained.

13. The use of intoxicants prior to and during training is prohibited.

14. All training sessions will be managed by NIMS standards.

15. The Mid-West Texas Firefighter's Association reserves the right to terminate any individual's participation in this program for disruptive behavior, violation of these policies or any acts found to be unsafe or disruptive to the learning environment.

MINIMUM STANDARDS FOR INTRODUCTORY TO FIREFIGHTING CERTIFICATION

SECTION	SUBJECT	*HOURS	OBJECTIVES
I	Fire Department Organization	2	1-1.1, 1-1.2, 1-1.3
2	Forcible Entry	2	2-1.1, 2-1.2
3	Ladder Practices	6	3-1.1, 3-1.6, 3-1.7, 3-1.8 a, b,& c, 3-1.9
4	Fire Hose Practices	12	4-1.1, 4-1.2,4-1.3, 4-1.4, 4-1.5, 4-1.6, 4-1.7, 4-1.8, 4-1.9, 4-1.10, 4-1.11, *4 -1.12,* 4-1.13, *4 -1.14*
6	Fire Streams	8	6-1.1, 6-1.2, 6-1.3, 6-1.4, *6-1.5, 6-1.6, 6-1.7, 6-1.8, 6-1.9*
8	Ventilation Practices	8	8-1.1, 8-1.2, 8-1.3, 8-1.4, 8-1.5, *8-1.6,* 8-1.7, *8-1.8*
9	Rescue Operations	9	9-1.1, 9-1.2, *9-1.3,* 9-1.4, *9-1.5,* 9-1.6
10	First Aid	8	10-1.1, 10-1.2, 10-1.3, 10-1.4, 10-1.5, 10-1.6, 10-1.7, 10-1.10, *10-1.11, 10-1.12, 10-1.13, 10-1.14,* 10-1.15, *10-1.16, 10-1.17, 10-1.18, 10-1.19, 10-1.20, 10-1.21, 10-1.22, 10-1.23, 10-1.24, 10-1.25*, 10-3.11, 10-3.16
15	Fire Behavior (Fire Science)	8	15-1.1, 15-1.2, 15-1.3, 15-1.4, 15-1.5, 15-1.6, 15-1.7, 15-1.8, 15-1.9, 15-1.10, 15-1.11
23	Safety & Protective Clothing	8	*23-1.1, 23-1.2, 23-1.3, 23-1.4, 23-1.5,* 23-1.6, *23-1.7,* 23-1.8, 23-1.9, 23-1.10, 23-1.11, 23-1.12
25	Ground Cover	3	25-1.1 (a-o), 25-1.2
27	SCBA	12	27-1.1, 27-1.2, 27-1.3, 27-1.4, 27-1.5, 27-1.6, *27-1.7, 23-1.8*
28	**Ropes & Knots**	**4**	***28-1.1, 28-1.2, 28-1.3, 28-1.4, 28-1.5, 28-1.6***
	Courage To Be Safe	4	
70	**REQUIRED HOURS**	**94**	**HOURS RECEIVED**

* Minimum Hours Required

*** Objectives that Exceed SFFMA Minimum Recommendations are listed in Italics*

SFFMA MID-WEST TEXAS DISTRICT
INTRODUCTORY FIREFIGHTER TRAINING ACADEMY
TRAINING STANDARDS & OBJECTIVES

SECTION I:

FIRE DEPARTMENT ORGANIZATION

BASIC - 2 Hours

1-1.1 The firefighter shall identify the organization of the fire department.

1-1.2 The firefighter shall identify the size of the fire department, the scope of its operation, and the standard operational procedures (S.O.P.'s).

1-1.3 The firefighter shall identify the fire department rules and regulations as they apply to all members of the department.

SECTION 2:

FORCIBLE ENTRY

BASIC - 2 Hours

2-1.1 The firefighter shall identify and demonstrate the use of various types of forcible entry tools:
(a.) prybar
(b.) halligan tools
(c.) spanner wrench
(d.) axe
(e.) other

2-1.2 The firefighter shall identify the method and procedure of proper cleaning, maintenance and inspection of various types of forcible entry tools and equipment.

SECTION 3:

FIRE SERVICE LADDER PRACTICES

BASIC - 6 Hours

3-1.1 The firefighter shall identify each type of ladder and define its use.

3-1.6 The firefighter, operating as an individual and as a member of a team, shall demonstrate or explain knowledge of the following ladder carries:

(a.) one man
(b.) two man
(c.) three man
(d.) four man
(e.) five man
(f.) six man

3-1.7 The firefighter, operating as an individual and as a member of a team, shall raise each type and size of ground ladder, available to the local jurisdiction having authority, using several different raises for each.

3-1.8 The firefighter shall, with or without a life belt, climb the full length of each type of ground and aerial ladder available to the authority having jurisdiction and demonstrate:

(a.) climbing the full length of each type of ground and aerial ladder carrying fire fighting tools or equipment while ascending and descending.
(b.) climbing the full length of each type of ground and aerial ladder and bring an injured person down.
(c.) the techniques of working from ground and aerial ladders with tools and appliances.

3-1.9 The firefighter shall demonstrate the technique of cleaning ladders.

SECTION 4

FIRE HOSE PRACTICES

BASIC - 12 Hours

4-1.1 The firefighter shall identify the sizes, types, amounts, and use of hose carried on fire apparatus.

4-1.2 The firefighter shall demonstrate the use of nozzles, hose adapters, and hose appliances carried on the local fire apparatus.

4-1.3 The firefighter, given the necessary equipment and operating as an individual and as a member of a team, shall advance dry hose lines of two different sizes, both of which shall be 1 1/2 inches Or larger, from fire apparatus:

(a) into a structure,
(b) up a ladder into an upper floor window
(c) up an inside stairway to an upper floor
(d) up an outside stairway to an upper floor
(e) down an inside stairway to a lower floor
(f) down an outside stairway to a lower floor
(g) to an upper floor by hoisting.

4-1.4 The firefighter, given the necessary equipment and operating as an individual and as a member of a team, shall advance charged attack line of two different sizes, both of which shall be 1 1/2 inches or larger, from fire apparatus:

(a.) into a structure
(b.) up a ladder into an upper floor window
(c.) up an inside stairway to an upper floor
(d.) up an outside stairway to an upper floor
(e.) down an inside stairway to a lower floor
(f.) down an outside stairway to a lower floor
(g.) to an upper floor by hoisting

4-1.5 The firefighter shall demonstrate the techniques for cleaning fire hose, couplings, and nozzles; and inspecting for damage.

4-1.6 The firefighter shall connect a fire hose to a hydrant, and fully open and close the hydrant.

4-1.7 The firefighter shall demonstrate the loading of fire hose on fire apparatus and identify the purpose of at least three types of hose loads and finishes.

4-1.8 The firefighter shall demonstrate three types of hose rolls.

4-1.9 The firefighter shall demonstrate two types of hose carries.

4-1.10 The firefighter shall demonstrate coupling and uncoupling fire hose.

4-1.11 The firefighter shall work from a ladder with a charged attack line, which shall be 1 1/2 inches or larger.

4-1.12 The firefighter shall demonstrate the techniques of carrying hose into a building to be connected to a standpipe, and of advancing a hose line from a standpipe.

4-1.13 The firefighter shall demonstrate the method for extending a hose line.

4-1.14 The firefighter shall demonstrate replacing a burst section of hose line.

SECTION 6:

FIRE STREAMS

BASIC - 8 Hours

6-1.1 The firefighter shall define a fire stream.

6-1.2 The firefighter shall manipulate a nozzle so as to attack a Class A and a Class B fire.

6-1.3 The firefighter shall define water hammer and at least one method for its prevention.

6-1.4 The firefighter shall demonstrate how to open and close a nozzle.

6-1.5 The firefighter shall define the following methods of water application:
(a.) direct
(b.) indirect
(c.) combination

6-1.6 The firefighter, given specific fire situations, shall select the proper nozzle and hose size for each.

6-1.7 The firefighter shall identify characteristics of all types of fire streams.

6-1.8 The firefighter shall identify precautions to be followed while advancing hose lines to a fire.

6-1.9 The firefighter shall identify three (3) conditions that result in pressure losses in a hose line.

SECTION 8

VENTILATION PRACTICES

BASIC - 8 Hours

8-1.1 The firefighter shall define the principles of ventilation, and identify the advantages and effects of ventilation.

8-1.2 The firefighter shall identify the dangers present, and the precautions to be taken in performing ventilation.

8-1.3 The firefighter shall demonstrate opening various types of windows from inside and outside, with and without fire department tools.

8-1.4 The firefighter shall demonstrate breaking window or door glass, and removing obstructions.

8-1.5 The firefighter, using an axe, shall demonstrate the ventilation of a roof and a floor.

8-1.6 The firefighter shall demonstrate ventilation using a water fog.

8-1.7 The firefighter shall define theory of a back draft explosion.

8-1.8 The firefighter shall identify signs of a potential flashover.

SECTION 9

RESCUE OPERATIONS

BASIC - 9 Hours

9-1.1 The firefighter shall define safety procedures as they apply to rescue.

9-1.2 The firefighter shall define the uses of a lifeline.

9-1.3 The firefighter, given the proper information, shall list the life threatening injuries that need to be observed in the proper order of priority.

9-1.4 The firefighter shall, given victims and the proper equipment, demonstrate the proper techniques for removal of injured person(s) from hazards by the use of the following carries, drags and stretchers:

(a.) one/two person victim standing
(b.) seat carry
(c.) extremities carry
(d.) chair carry
(e.) three person carry
(f.) lift and carry
(g.) blanket drag.

9-1.5 The firefighter shall demonstrate the techniques of packaging a victim for emergency transportation by:

(a.) given a short/long spine board and wrapping materials, demonstrate the stabilizing of a victims spine and cervical area of the body, and
(b.) given a packaged victim and stretcher, demonstrate the transfer procedures of victims from their rescue scene.

9-1.6 The firefighter shall demonstrate searching for victims in burning, smoke-filled buildings, or other hostile environments:

(a.) given the proper information, shall list two (2) objectives to be achieved while searching for victims in a building on fire and
(b.) given a small one story building filled with simulated smoke, shall demonstrate the establishing of a search pattern for the building and multiple rooms that are involved.

SECTION 10

FIRST AID

BASIC- 8 HOURS

10-1.1 The firefighter shall list the three (3) major roles and responsibilities of the first responder.

10-1.2 The firefighter shall describe all applicable legal aspects related to providing emergency care as a first responder.

10-1.3 The firefighter, given each vital sign, shall describe its normal and abnormal states and how he would check for the sign.

10-1.4 The firefighter shall identify the medical identification symbol.

10-1.5 The firefighter shall state the time in which brain cells will die without oxygen.

10-1.6 The firefighter shall identify a primary survey for life-threatening injuries.

10-1.7 The firefighter shall describe the signs of adequate and inadequate breathing.

10-1.10 The firefighter shall demonstrate mouth-to-mouth and mouth-to-nose resuscitation.

10-1 11 The firefighter shall demonstrate oronasal ventilation.

10-1.12 The firefighter shall list the signs of cardiac arrest.

10-1.13 The firefighter, given a diagram of the heart and its related organs, shall identify these organs and complications if CPR is performed incorrectly.

10-1.14 The firefighter shall list the signs of effective CPR.

10-1.15 The firefighter shall demonstrate one and two person cardiopulmonary resuscitation.

10-1.16 The firefighter, given a description of a type of bleeding, shall identify it as arterial, venous or capillary.

10-1.17 The firefighter shall describe why tourniquets are a last resort for controlling bleeding.

10-1.18 The firefighter shall demonstrate techniques for controlling external bleeding.

10-1.19 The firefighter shall demonstrate the proper technique for prevention and/or spread of infectious diseases and occupational exposure to blood borne pathogens associated with emergency medical care.

10-1.20 The firefighter shall demonstrate the use, decontamination, disinfecting, and proper disposal of personal protective equipment used for protection from infectious diseases.

10-1.21 The firefighter shall identify major signs of, distinctions between, and initial treatment for heat cramps, heat exhaustion, and heatstroke.

10-1.22 The firefighter shall identify major signs of hypothermia.

10-1.23 The firefighter, given a description of patients exposed to heat and cold, shall identify the condition and describe emergency care procedures.

10-1.24 The firefighter shall describe the meaning of shock.

10-1.25 The firefighter, given a list of signs and symptoms, shall identify those associated with shock.

ADVANCED - 2 HOURS

10-3.11 The firefighter shall demonstrate the use of breathing aid equipment.

10-03.16 The firefighter shall have knowledge of the general steps for use of an automated external defibrillator.

A. The firefighter should know the abnormal heart rhythms commonly present during cardiac arrest.
B. The firefighter should know what defibrillation is and how it works.
C. The firefighter should know precautions for the use of an AED.
D. The firefighter shall demonstrate the use of the AED.

SECTION 15

FIRE BEHAVIOR (FIRE SCIENCE)

BASIC – 8 Hours

15-1.1 The firefighter shall define heat and fire.

15-1.2 The firefighter shall define the fire triangle and tetrahedron.

15-1.3 The firefighter shall identify two (2) chemical, mechanical, and electrical energy heat sources.

15-1.4 The firefighter shall define the following stages of fire:

(a.) incipient
(b.) flame spread
(c.) hot smoldering
(d.) flashover
(e.) steady state
(f.) clear or free burning
(g.) back draft explosion

15-1.5 The firefighter shall define the three (3) methods of heat transfer.

15-1.6 The firefighter shall define the three (3) physical states of matter in which fuels are commonly found.

15-1.7 The firefighter shall define the hazard of finely divided fuels as they relate to the combustion process.

15-1.8 The firefighter shall define:

(a.) flash point
(b.) fire point
(c.) ignition temperature
(d.) upper and lower explosive limits

15-1.9 The firefighter shall define concentrations of oxygen in air as it affects combustion.

15-1.10 The firefighter shall identify three products of combustion commonly found in structural fires which create a life hazard.

15-1.11 The firefighter shall identify characteristics of water as it relates to its fire extinguishing potential.

SECTION 23

FIRE FIGHTER SAFETY / PERSONAL PROTECTIVE CLOTHING

BASIC - 8 Hours

23-1.1 The firefighter shall identify the various types of fire service protective clothing such as structural, wildland, and ARFF. The firefighter shall also identify their components:

(a.) turnouts
(b.) helmets
(c.) gloves

(d.) boots
(e.) SCBA

23-1.2 The firefighter shall identify procedures for inspecting, cleaning, and maintaining the components of a personal protective ensemble after each use.

23-1.3 The firefighter shall describe the limitations of personnel working in a personal protective ensemble.

23-1.4 The firefighter shall demonstrate the operation of a Personal Alert Safety System (PASS) device.

23-1.5 The firefighter shall identify the safety procedures and precautions during fire apparatus operations:

(a.) attire to be worn while riding on apparatus responding to an alarm and,
(b.) describe/list safety precautions required while riding fire apparatus.

23-1.6 The firefighter shall identify dangerous building conditions created by fire.

23-1.7 The firefighter shall define techniques for action when trapped or disoriented in a fire situation or in a hostile environment.

23-1.8 The firefighter shall define procedures to be used in electrical emergencies.

23-1.9 The firefighter shall define fire service lighting equipment.

23-1.10 The firefighter shall define safety procedures when using fire service lighting equipment.

23-1.11 The firefighter shall demonstrate the use of portable power plants, lights, cords, and connectors.

23-1.12 The firefighter shall define safety procedures as they apply to emergency operations, specifically:

(a.) protective equipment
(b.) team concept
(c.) portable tools and equipment
(d.) riding on apparatus
(e.) hazardous materials incidents

SECTION 25

GROUND COVER FIREFIGHTING

BASIC - 3 Hours

25-1.1 The firefighter shall correctly define wildfire terms as used in the fire service:
- (a.) mop-up
- (b.) direct attack
- (c.) indirect attack
- (d.) fuel
- (e.) backfire/burnout
- (f.) barrier
- (g.) topography
- (h.) suppression
- (i.) fire behavior
- (j.) incident commander
- (k.) incendiary fire
- (l.) mutual aid
- (m.) fire season
- (n.) convection column
- (o.) tools used in ground cover fires

25-1.2 The firefighter shall, given a specific wildland fire situation, describe the effect of fuel, weather and topography on wildland fire, and predict the direction and speed of the fire spread.

SECTION 27

SELF-CONTAINED BREATHING APPARATUS

BASIC - 12 Hours

27-1.1 The firefighter shall identify at least four (4) hazardous respiratory environments encountered in fire fighting.

27-1.2 The firefighter shall demonstrate the use of self-contained breathing apparatus in conditions of obscured visibility.

27-1.3 The firefighter shall identify the physical requirements of the wearer, the limitations of the self-contained breathing apparatus, and the safety features of types of self contained breathing apparatus available to local authority having jurisdiction.

27-1.4 The firefighter shall demonstrate donning self-contained breathing apparatus while wearing protective clothing.

27-1.5 The firefighter shall demonstrate that the self-contained breathing apparatus is in a safe condition for immediate use.

27-1.6 The firefighter shall identify the procedure for cleaning and sanitizing self-contained breathing apparatus for future use.

27-1.7 The firefighter shall demonstrate the use of SCBA in conditions of restricted passage.

27-1.8 The firefighter shall demonstrate replacement of an expended cylinder on an SCBA assembly with a full cylinder.

SECTION 28

ROPES & KNOTS

BASIC - 4 Hours

28-1.1 The firefighter, when given name, picture, or actual knot, shall identify it and describe the purpose for which it would be used;

(a.) becket (sheet) bend
(b.) bowline
(c.) clove hitch
(d.) half sheep shank with a safety
(e.) chimney hitch
(f.) bowline on a bight
(g.) half hitch
(h.) figure eight
(i.) figure eight on a bight
(j.) figure eight follow through

28-1.2 The firefighter shall identify rope safety procedures.

28-1.3 The firefighter shall identify and/or demonstrate the terms used when tying a knot or hitch:

(a.) standing part when tying a knot or hitch
(b.) running part when tying a knot or hitch
(c.) a bight when tying a knot or hitch
(d.) a loop when tying a knot or hitch
(e.) a round turn when tying a knot or hitch
(f.) half hitch when tying a knot or hitch

28-1.4 The firefighter shall identify the construction characteristics and appropriate uses of both natural and synthetic fiber ropes:

(a.) Characteristics of natural fiber (manila) ropes for utility use only:
(1) moisture retention
(2) floatability
(3) resistance to rot, mildew and attack by marine organisms

(4) resistance to surface abrasion
(5) resistance to acids, alkalis and solvents
(6) safe working strength of new rope: 3/8 inch manila, 1/2 inch manila, 5/8 inch manila, 3/4 inch manila

(b.) Characteristics of synthetic ropes:
(1) moisture retention
(2) floatability
(3) resistance to rot, mildew and attack by marine organisms
(4) resistance to surface abrasion
(5) resistance to acids, alkalis and solvents
(6) safe working strength of new rope of: 1/2 inch nylon, dacron, polypropylene, braided nylon cover with nylon core; 5/8 inch nylon, dacron, polypropylene, braided nylon cover with nylon core; 3/4 inch nylon, dacron, polypropylene, braided nylon cover with nylon core

(c.) Uses of ropes:
(1) hoisting tools and equipment
(2) securing tools and equipment to immovable objects
(3) rescue

28-1.5 Define a life safety rope and one and two person life safety rope including:

(a.) maximum working load
(b.) safety factor
(c.) minimum breaking strength

28-1.6 The firefighter, when given the proper size and amount of rope, shall demonstrate tying the following knots:

(a.) becket (sheet) bend
(b.) bowline
(c.) clove hitch
(d.) half sheep shank with a safety
(e.) chimney hitch
(f.) bowline on a bight
(g.) half hitch
(h.) figure eight
(i.) figure eight on a bight
(j.) figure eight follow through