

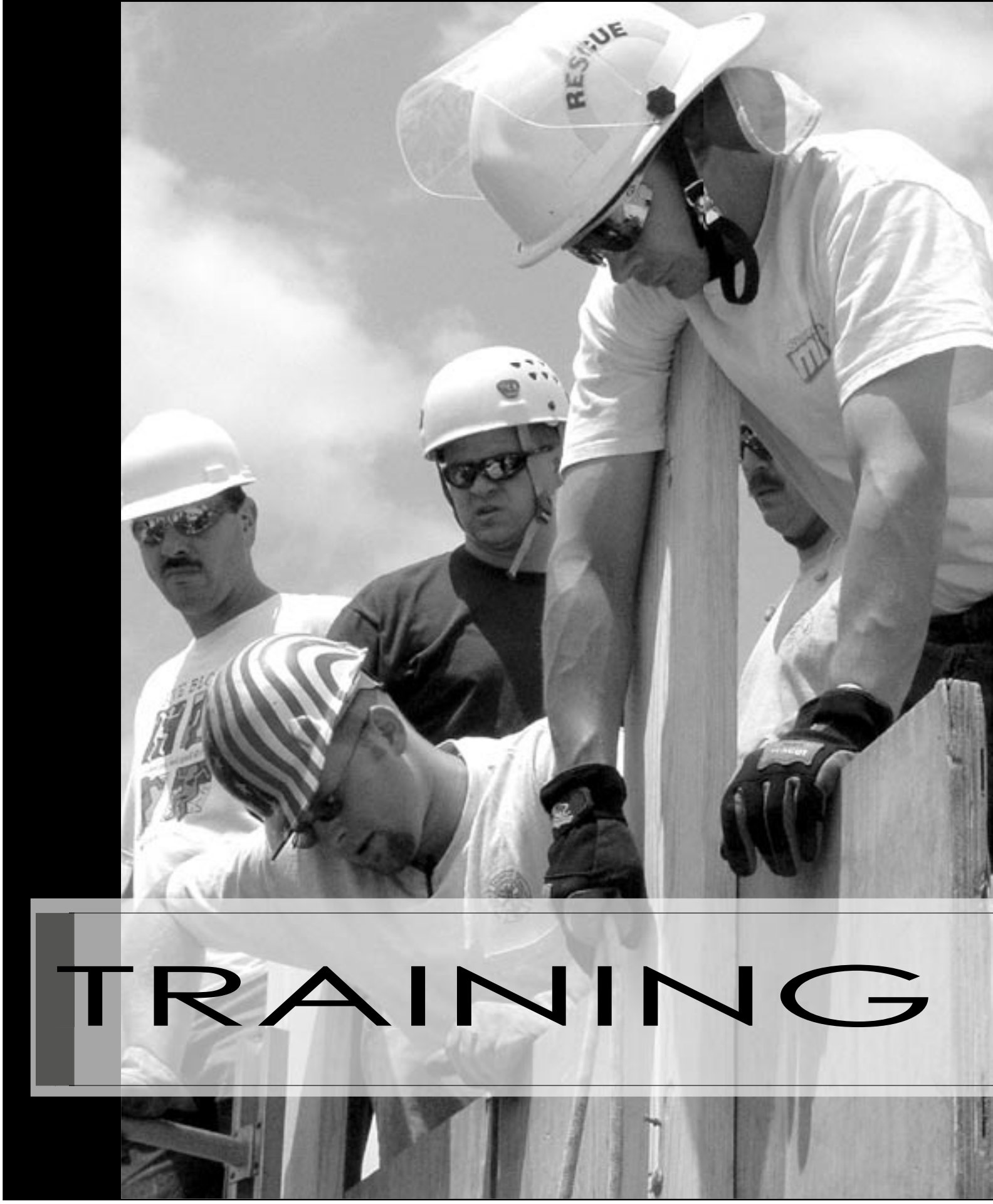


University of Missouri-Extension, Fire and Rescue Training Institute

ANNUAL REPORT 2004



LEADING
THE LINE IN
EMERGENCY
RESPONSE
TRAINING



TRAINING

TRAINING FOR LIFE.



I am pleased to provide the 2003-2004 Annual Report of the Fire and Rescue Training Institute at the University of Missouri.

As we started the year, the amount of firefighter training funds looked bleak, but through an improving state economy the fire fighter training funds were released late in the year and allowed many no-cost programs to be delivered.

I believe we continued to improve the quality, efficiency and accessibility of our program. The cost per instructional hour of training was \$6.95. In addition, the Institute was able to achieve financial stability in these tough economic times while increasing program areas.

However, as in previous years students will always be our focus and remain one of our core values. This year once again proved the support of our program by the Missouri fire service is strong and we appreciate your support. Numerous departments this year continued to train with us even though we lost contract money early in the year. The use of "registered programs" was a key component in the overall delivery of training programs this year.

While we can be proud of what we have accomplished, we can do better and will work on improving areas of our program in the years ahead. I'm even more optimistic about our future than I was last year. While we are not certain what lies ahead, we do know that we will be as prepared as possible to meet those uncertainties and continue to be a source of quality continuing education programs for you.

On behalf of our faculty, staff and adjunct instructors, it has been our privilege to serve you.

Gary Wilson
Director

FOR

LIFE.



the MEETING
NEED

Meeting the Need *"To teach modern methods of fire fighting"*

Mirroring the many roles of modern fire departments, MU FRTI offers courses in firefighting, emergency medical care, technical rescue, environmental and hazardous materials emergency response, counter terrorism, exercise evaluation and emergency management. The Institute offers 118 different course titles for delivery in local communities.



The University of Missouri Extension Division's Fire and Rescue Training Institute (MU FRTI) is the state fire training system in

Missouri, providing a broad range of training programs and courses for fire fighters, rescue workers, business and industry fire brigades and rescue teams and allied emergency service personnel. More than 28,000 firefighters serving with some 915 fire departments protect Missouri citizens and their property.

MU's fire training program began as annual fire schools conducted on the Columbia campus, and occasional short courses held on campus and at various locations throughout the state. "To teach modern methods of fire fighting" was the purpose of the first Missouri State Fire College held on the campus in 1933.

Since 1933 an integral part of the MU FRTI mission has been to teach "modern methods of fighting fires." For more than 70 years the MU fire training program has been an authority for, and an unbiased source of information for, firefighting and rescue techniques and technology, training and education.

THE INSTITUTE OFFERS 118
DIFFERENT COURSE TITLES
FOR DELIVERY IN LOCAL
COMMUNITIES.



MIRRORING THE MANY ROLES
OF MODERN FIRE DEPARTMENTS,
MU FRTI OFFERS COURSES IN
FIREFIGHTING, EMERGENCY
MEDICAL CARE, TECHNICAL
RESCUE, ENVIRONMENTAL
AND HAZARDOUS MATERIALS
EMERGENCY RESPONSE, COUNTER
TERRORISM, EMERGENCY
MANAGEMENT AND EXERCISE
EVALUATION.



programs

We will continue to inform cities in the Central Region to work with other airports and host the training at their airport on a rotational schedule.

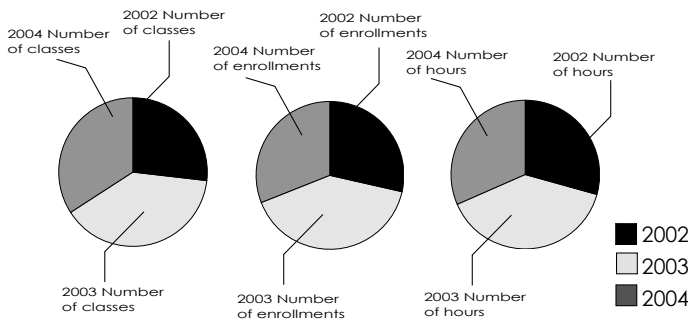
ACCEPTING
the GIVEN
CHALLENGE

Programs

Aircraft Rescue Firefighting

MU FRTI conducts training for AARF and municipal/volunteer firefighters. The aerospace program is dedicated to providing site-specific training for airport operations and anyone who may respond to an aircraft incident. Under an agreement with FAA Central Region and the Missouri Department of Transportation, MU FRTI operates a mobile training simulator to serve index airports in Region VII and has been allowed to go to other index airports outside of Region VII.

	Classes	Enrollment	Hours
FY 02	22	464	2,926
FY 03	32	657	3,902
FY 04	28	504	3,152

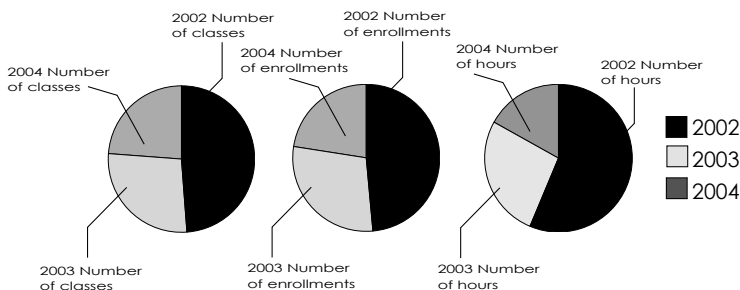


MU FRTI PROVIDES APPROVED FAA CFR139 REFRESHER TRAINING USING THE MOBILE AIRCRAFT FIRE TRAINER AT LOCAL AIRPORTS.

Business and Industrial Programs

MU FRTI works extensively with both business and industry providing training and education programs in a wide range of subjects tailored to meet the clients needs. These programs range from safety and health program audits, training needs assessments, OSHA and EPA compliance training, refresher and new employee training to contingency planning and physical security/executive security reviews and courses.

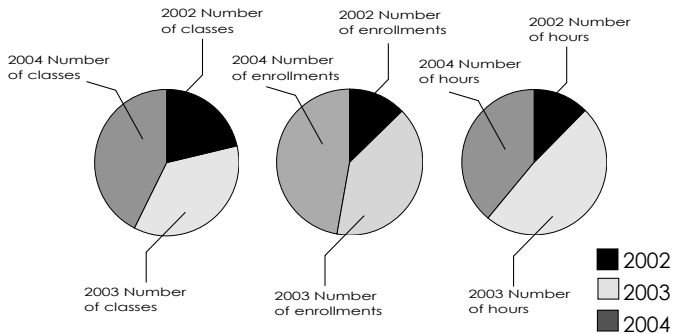
	Classes	Enrollment	Hours
FY 02	82	1,071	11,584
FY 03	46	638	5,514
FY 04	40	497	3,476.5



MU FRTI PROVIDES SITE SPECIFIC TRAINING OPPORTUNITIES FOR PRIVATE SECTOR EMPLOYEES AND RESPONDERS.

Emergency Management Programs

The MU FRTI Emergency Management curriculum offers an extensive array of training opportunities for state and local emergency managers, allied emergency response organizations, public officials, members of volunteer relief organizations and business and industry professionals in related fields. The program also assists the University of Missouri System in disaster planning and extension specialists who assist with disaster recovery in their counties.



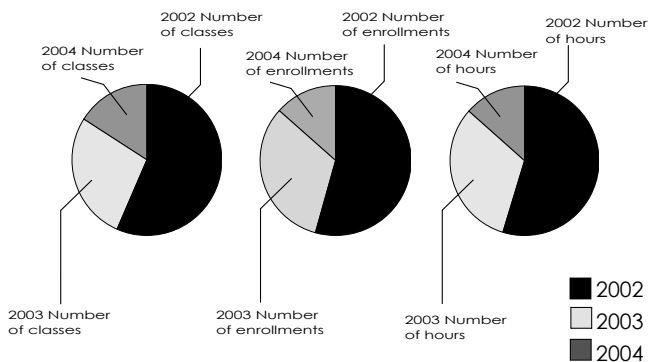
	Classes	Enrollment	Hours
FY 02	13	198	2,568
FY 03	22	627	10,096
FY 04	26	738	8091

WITH A CONTRACT FROM FEMA REGION VII, MU FRTI DESIGNED FIVE (CERT) TRAILERS THAT CAN BE USED BY LOCAL COMMUNITIES TO SUPPORT THE DELIVERY OF CERT TRAINING. MU FRTI DELIVERED THESE TRAILERS IN OCTOBER 2003 TO STATE AND TRIBAL AGENCIES IN KANSAS, NEBRASKA, IOWA AND MISSOURI.



Emergency Medical Service Programs

MU FRTI offers Medical First Responder training and is an official proctor for the National Registry of Emergency Medical Technicians for Medical First Responder certification. This unit also assists EMT's and Paramedics in providing continuing education units and is accredited as an official provider of CEU's by the Missouri Bureau of Emergency.



	Classes	Enrollment	Hours
FY 02	39	466	14,312
FY 03	19	277	8,336
FY 04	11	115	3520

THE CERT PROGRAM ALSO PROVIDES CIVILIANS AN OPPORTUNITY TO DEMONSTRATE THE CORRECT PROCEDURE FOR USING FIRE EXTINGUISHERS.



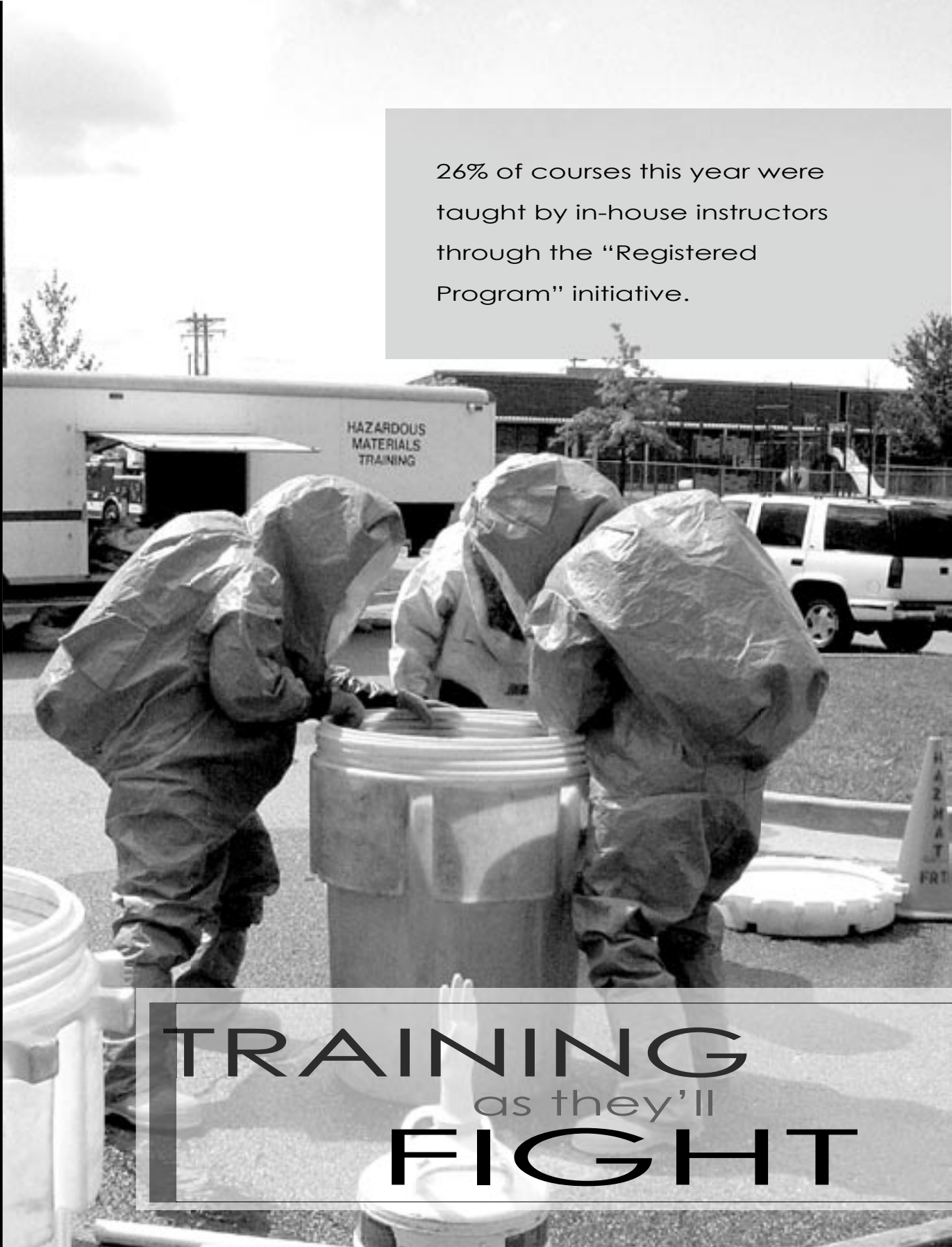
There is a great importance in knowing what to do when disaster strikes. The CERT program teaches hands-on training to provide communities with the knowledge to react to such disasters.

programs

KNOWING
the
SOLUTION



26% of courses this year were taught by in-house instructors through the "Registered Program" initiative.

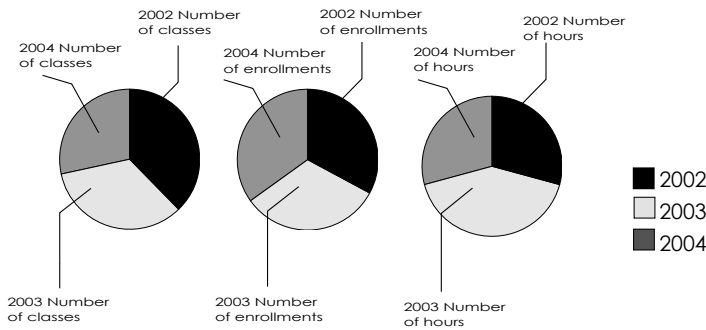


TRAINING
as they'll
FIGHT

Hazardous Materials and Counter Terrorism

MU FRTI offers haz mat and counter-terrorism training to both the public and private sectors. Public sector training of emergency responders concentrates on training necessary for the awareness, operations and technician levels. In addition, MU FRTI provides training for drug lab response as well as counter-terrorism programs developed by the National Fire Academy and MU FRTI.

	Classes	Enrollment	Hours
FY 02	191	3,824	34,352
FY 03	172	3,750	48,872
FY 04	144	4,065	53,664

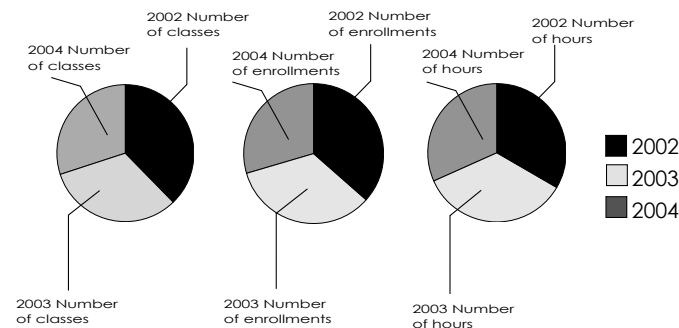


MU FRTI PROVIDES TRAINING FOR RESPONDING TO LP GAS EMERGENCIES. THESE COURSES ALLOW EMERGENCY RESPONDERS TO EXTINGUISH LP GAS FIRES USING ONE OF TWO MOBILE TRAINING PROPS.

Municipal Fire Programs

MU FRTI offers a wide array of training ranging from basic skills training, to technical rescue to instructor development as well as officer development. The programs offered in this unit are predominately delivered in local fire departments. The unit also coordinates six conferences as well as National Fire Academy direct and regional deliveries and special seminars presented by national experts in their field of study.

	Classes	Enrollment	Hours
FY 02	576	12,609	121,960
FY 03	494	11,739	127,814
FY 04	459	10,217	115,852

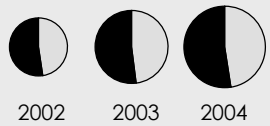
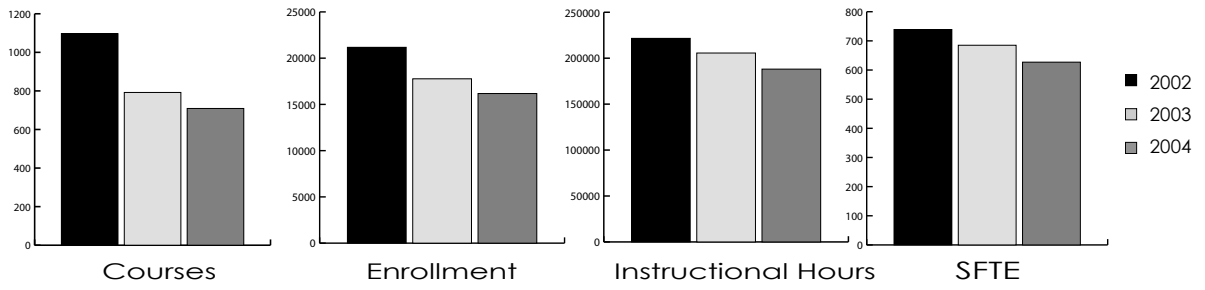


FOR THE FIRST TIME IN HISTORY THE SUMMER FIRE SCHOOL WAS PROVIDED AT NO COST TO EMERGENCY RESPONDERS THROUGH A CONTRACT WITH THE MISSOURI DIVISION OF FIRE SAFETY. THIS RESULTED IN THE LARGEST ATTENDANCE (1,294) IN THE 71 YEAR HISTORY OF THE SCHOOL.



Data: 2002-2004

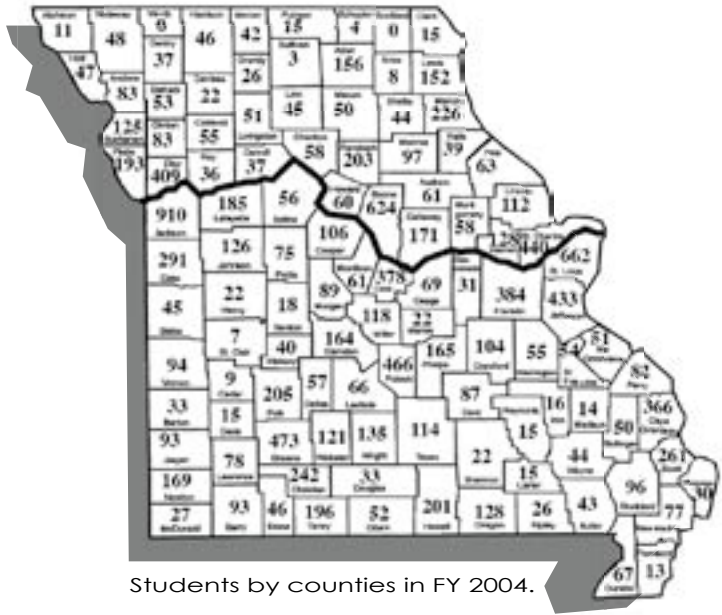
Institute	FY 04		FY 03		FY 02	
Courses	709	\$1,845.26	792	\$1,511.13	1,097	\$1,740.23
Enrollments	16,176	\$80.88	17,776	\$69.45	21,171	\$90.17
Instructional Hours	188,110	\$6.95	205,482	\$5.95	221,569	\$8.62
SFTE	627	\$2,086.49	685	\$1,778.73	739	\$2,584.78



■ Volunteer
□ Career

	Volunteer	Career
FY 02	11,106	10,065
FY 03*	8,822	8,141
FY 04*	5,621	5,112

*Not all students reported their status



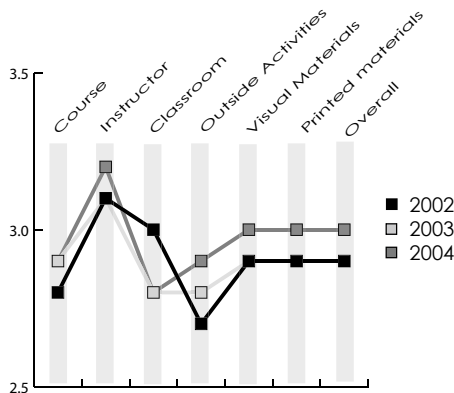
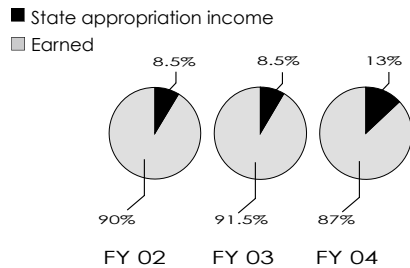
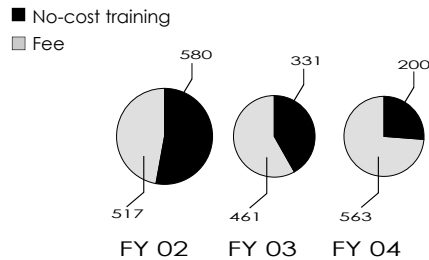
Students by counties in FY 2004.

Students by counties

County	2002	2003	2004
Adair	116	93	156
Andrew	64	30	83
Atchison	45	5	11
Audrain	117	76	61
Barry	112	126	93
Barton	137	61	33
Bates	82	59	45
Benton	94	37	18
Bollinger	102	84	50
Boone	466	434	624
Buchanan	213	185	125
Butler	56	59	43
Caldwell	61	39	55
Callaway	184	173	171
Camden	254	252	164
Cape Girardeau	396	417	366
Carroll	60	89	37
Carter	41	22	15
Cass	424	336	291

County	2002	2003	2004
Cedar	36	19	9
Chariton	26	48	58
Christian	441	359	242
Clark	49	45	15
Clay	335	434	409
Clinton	100	133	83
Cole	504	220	378
Cooper	196	264	106
Crawford	116	157	104
Dade	32	48	15
Dallas	88	87	57
Daviess	42	0	22
DeKalb	27	25	53
Dent	89	42	87
Douglas	134	40	33
Dunklin	207	98	67
Franklin	725	520	384
Gasconade	38	15	31
Gentry	33	23	37
Greene	869	551	473
Grundy	62	11	26
Harrison	71	41	46
Henry	83	49	22
Hickory	107	50	40
Holt	64	87	47
Howard	762	75	60
Howell	156	243	201
Iron	32	42	16
Jackson	1304	1408	910
Jasper	230	127	93
Jefferson	762	487	433
Johnson	341	163	126
Knox	7	7	8
Laclede	135	85	66
Lafayette	219	181	185
Lawrence	1181	85	78
Lewis	172	151	152
Lincoln	204	138	112
Linn	17	28	45
Livingston	59	29	51
Macon	166	83	50
Madison	33	17	14
Maries	25	15	22
Marion	195	246	226
McDonald	75	10	27
Mercer	48	35	42
Miller	158	136	118
Mississippi	46	19	30

County	2002	2003	2004
Moniteau	75	67	61
Monroe	80	77	97
Montgomery	107	45	58
Morgan	165	124	89
New Madrid	193	117	77
Newton	411	278	169
Nodaway	164	120	48
Oregon	85	87	128
Osage	90	43	69
Ozark	125	105	52
Pemiscot	129	36	13
Perry	122	63	82
Pettis	54	57	75
Phelps	198	159	165
Pike	150	91	63
Platte	265	224	193
Polk	219	235	205
Pulaski	209	281	466
Putnam	38	5	15
Ralls	69	108	39
Randolph	252	264	203
Ray	79	67	36
Reynolds	3	5	15
Ripley	51	40	26
Saline	48	34	56
Scott	266	162	261
Scotland	4	4	0
Schuyler	20	4	4
Shannon	48	47	22
Shelby	52	31	44
St. Charles	688	560	440
St. Clair	52	32	7
St. Francois	228	249	54
Ste. Genevieve	97	48	51
St. Louis	1434	802	662
Stoddard	168	83	96
Stone	154	41	46
Sullivan	9	4	3
Taney	175	197	196
Texas	155	178	114
Vernon	139	152	94
Warren	173	165	128
Washington	174	66	55
Wayne	100	43	44
Webster	213	153	121
Worth	0	1	0
Wright	83	185	135
Out of State	995	1465	1,222



	Course	Instructor	Classroom	Outside Activities	Visual Materials	Printed materials	Overall
FY 02	2.8	3.1	3.0	2.7	2.9	2.9	2.9
FY 03	2.9	3.1	2.8	2.8	2.9	2.9	2.9
FY 04	2.9	3.2	2.8	2.9	3.0	3.0	3.0

ACE

The American Council on Education (ACE) has approved twenty six courses offered by MU FRTI. ACE's College Credit Recommendation Service evaluates and makes credit recommendations for formal educational courses sponsored by non-degree granting organizations. ACE's College Credit Recommendation Service helps adult learners obtain academic credit for learning acquired outside the traditional college classroom by providing college officials with reliable information that can be used to determine credit awards. Having MU FRTI courses approved by ACE will make it easier for students wishing to apply MU FRTI courses for college credit toward their fire science degree.

National Fire Academy Endorsements

The Institute had seven additional courses endorsed by the National Fire Academy (NFA) in November of 2003. Endorsement indicates only that, at the time NFA conducted its review of the proposed product, the general design of the course satisfied the standards of quality established by NFA in the endorsement agreement. The Institute now has 14 courses endorsed by NFA.

Institute Review

The University of Missouri requires that all established Centers be reviewed once every five years. Center reviews are conducted with the goal of identifying realistic means to improve the quality of services offered by the Center and the University. Section 50.010 of the Collected Rules states, "The review of Centers every five years will address specifically the question of whether the Center should be continued or discontinued." MU FRTI had their review conducted in May of 2004. The review team included members of the fire service both within Missouri and outside of the state as well as a faculty member within MU.

"Our overall assessment of the performance of MU FRTI is quite positive. The Institute has engaged in a self-study and strategic planning process that has resulted in a realistic assessment of its strengths and weaknesses and opportunities and threats. This process has resulted in a clear direction for program development and enhancement. As one observer noted, the Institute is clearly back on its feet, headed in the right direction, and its program has come together."

Taken from the
*MU FRTI Institute Review
 Final Report*

New programs

Associate in Science in Fire Service Administration will allow firefighters and other allied professionals to obtain an associate degree by attending MU FRTI programs and fulfilling the general education and other degree requirements from Columbia College or other regionally accredited colleges and universities. A unique characteristic of the degree is it will use the current delivery system of MU FRTI for the fire science courses while allowing students to fulfill other program requirements at one of the eleven Columbia College campuses in Missouri or access their courses at a distance via the internet.

The degree is specifically tailored to allow firefighters the opportunity to articulate in to traditional baccalaureate degrees such as business administration without losing large amounts of credit hours. For those students who pursue their bachelor degree from Columbia College all sixty hours of the program will transfer.

University of Missouri Exercise and Evaluation Program (MU EEP) is to provide basic emergency management training and to simulate an emergency condition that will test the plans, procedures, organizational structures and reactions of the group and the individual participants in a simulated crisis environment. Using a combination of training events and crisis scenario(s), the MUEEP will test an organization and the programmed (planned) responses to determine strengths, weaknesses and areas of improvement through a simulated crisis situation.

Training for the U. S. Army Chemical School at Fort Leonard Wood and the Missouri National Guard was conducted for the Civil Support Teams (CST). The Institute delivered hazardous materials awareness, operations and technician training. We also delivered a special chemistry program for CST's.

40-hour Initial Aircraft Fire Fighting course was completed during this fiscal year and is available for airports in the FAA Central Region. The course meets the requirements in AFR 139 and NFPA 1003.

ON AVERAGE 2
CLASSES START A DAY,
14 CLASSES START
EACH WEEK AND 66
CLASSES START EACH
MONTH.



Special Thank You

Each year, fire departments and organizations too numerous to mention, along with companies and state agencies assist the Institute in providing classrooms, equipment, contracts for training and/or other services that support our programs. In addition, private sector companies use our training services. All of these contributions are very much appreciated.

