

MU FRTI annual report

University of Missouri-Columbia, Fire and Rescue Training Institute, MU Extension

2003



Mission



Training for life. MU Extension's Fire and Rescue Training Institute enables firefighters and allied emergency services personnel to better protect people and property within their communities by planning, directing and administering state-of-the-art continuing professional education courses in structural, wildland and aircraft firefighting, emergency medical care, technical rescue, environmental emergency mitigation, counter-terrorism and emergency management statewide using the most efficient and effective means possible.



Training for life.

I am pleased to provide the 2002-2003 Annual Report of the Fire and Rescue Training Institute at the University of Missouri.

As we complete our seventieth year as partners with the Missouri fire service, I think those who laid the groundwork for the first Summer Fire College would be pleased with the type of program offered by our staff and the vast amount of training topics we cover each year.

I believe we have made great strides in improving the quality, efficiency and accessibility of our program. This year alone the cost per instructional hour of training was \$5.95, the lowest since we started tracking this data in 1998. This makes MU FRTI one of the best bargains of comparable size training programs in the country. I am very proud of the Institute and its people. I also know that Interim Vice Provost Deborah Robison is proud of the program and its accomplishments.

However, without students there would be no MU FRTI. Students will always be our focus and remain one of our core values. The dedication of the Missouri fire service over the years in supporting our programs has been phenomenal. While difficult to measure what effect all of the courses, enrollments and hours we have accomplished during the seventy years has had, I believe each fire department that has participated in our program is better because of the training they have received.

While we can be proud of what we have accomplished, we must prepare and be in position for the future. I believe the future will be exciting for the Institute and the Missouri fire service. The challenges that lie ahead will be met by better educated and trained firefighters than ever before and we will be there to provide the training you need to meet these challenges.

On behalf of our faculty, staff and adjunct instructors, it has been our privilege to serve you. I assure you we are ready and able to move this program to new heights for the next seventy years.

A handwritten signature in black ink that reads "Gary Wilson". The signature is written in a cursive style.

Gary Wilson
Interim Director



meeting
the
need

Meeting the Need “To teach modern methods of fire fighting”

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 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 115 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 and emergency management.

programs



accepting
the Given
Challenge

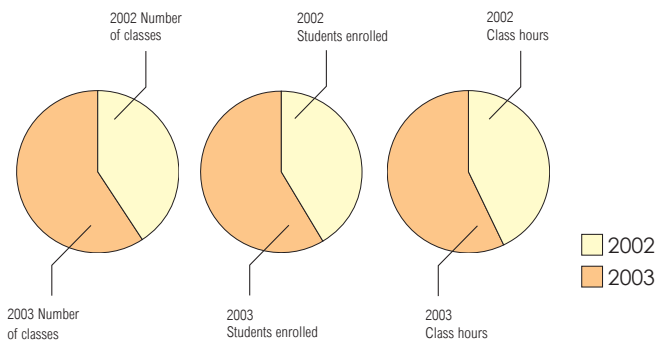
We will continue to inform cities in the Central Region to work with other airports and host the training at their airport on a rotational schedule.

Programs

Aerospace Programs

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

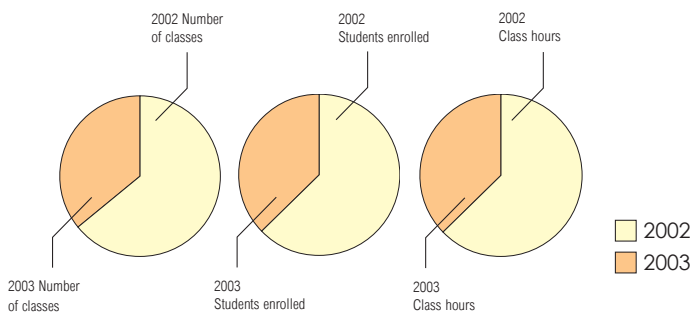


MU FRTI provides approved FAA CFR139 refresher training using the Mobile Aircraft Fire Trainer at local airports.

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.

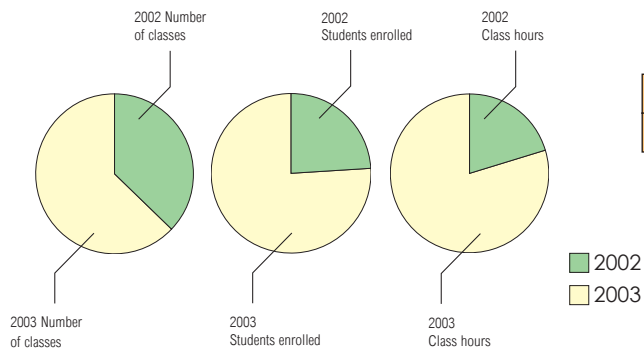
	Classes	Enrollment	Hours
FY 02	82	1,071	11,584
FY 03	46	638	5,514



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.



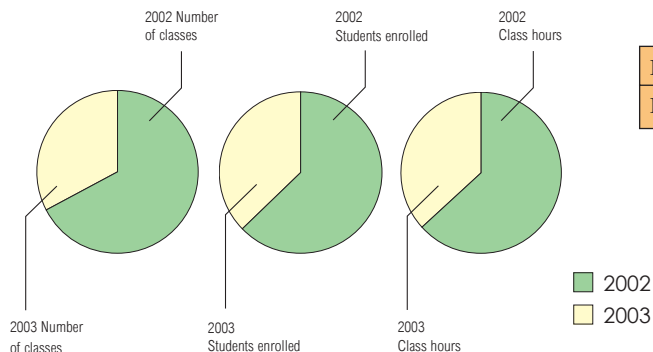
	Classes	Enrollment	Hours
FY 02	13	198	2,568
FY 03	22	627	10,096

Civilians attending CERT courses learn disaster first aid techniques.



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 Medical Services.



	Classes	Enrollment	Hours
FY 02	39	466	14,312
FY 03	19	277	8,336

The CERT program also provides civilians an opportunity to demonstrate the correct procedure for using fire extinguishers.





knowing the Solution

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

training as they'll fight

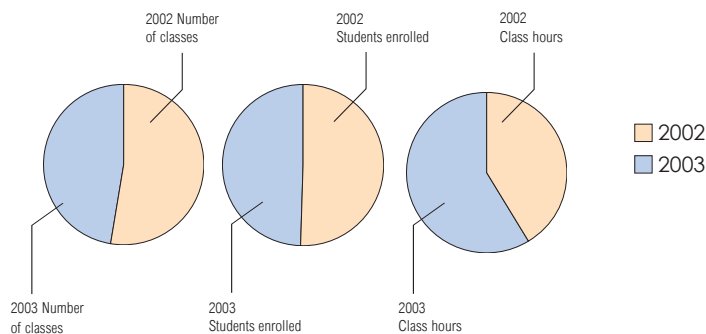
28% of courses this year were taught by in-house instructors through the "Registered Program" initiative.



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

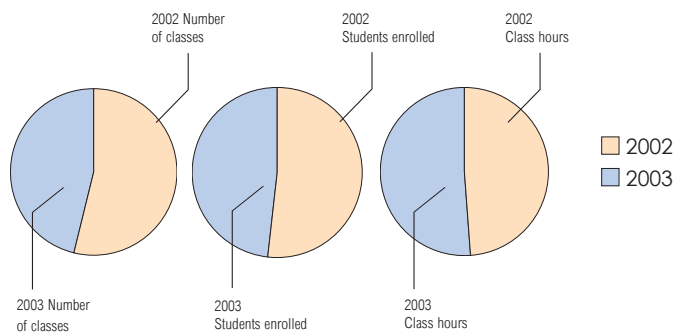


MU FRTI provides training for responding to LP gas emergencies. These courses allow emergency responders to extinguish LP gas fires using one of two mobile training props.

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 major conferences each year 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



The Winter Fire School Expo is considered by many vendors as one of the better expos in the Midwest. Each year over 2,000 people attend this exposition.

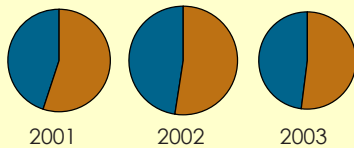
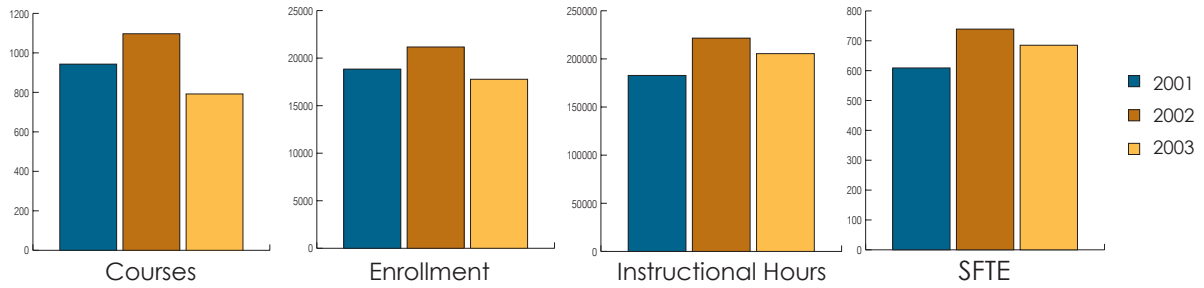


Students attending the Summer Fire School benefit from the many courses that provide realistic hands-on training.



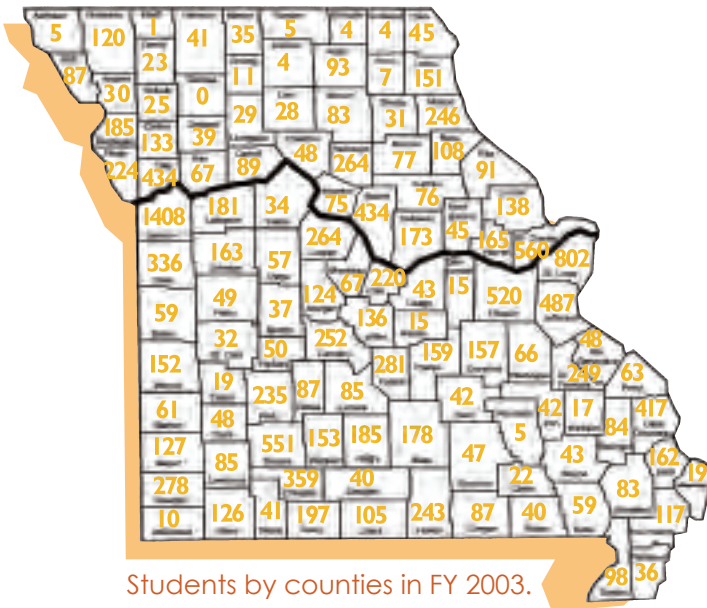
Data: 2001-2003

Institute	FY 03		FY 02		FY 01	
Courses	792	\$1,511.13	1,097	\$1,740.23	943	\$1,686.25
Enrollments	17,776	\$69.45	21,171	\$90.17	18,845	\$84.38
Instructional Hours	205,482	5.95	221,569	\$8.62	182,797	\$8.70
SFTE	685	—	739	—	609	—



	Volunteer	Career
FY 01	10,375	8,470
FY 02	11,106	10,065
FY 03*	8,822	8,141

*Not all students reported their status



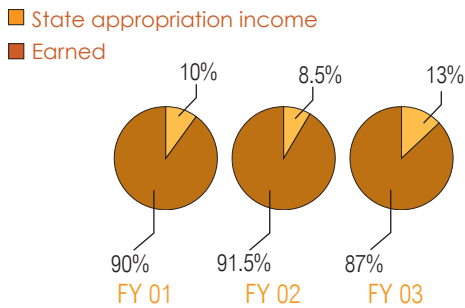
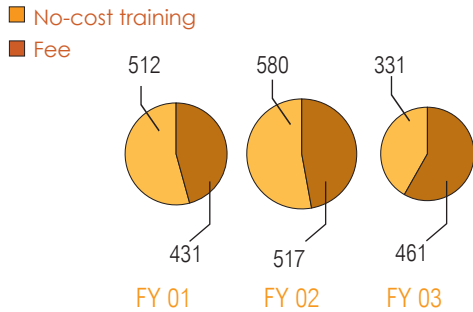
Students by counties in FY 2003.

Students by counties

County	2001	2002	2003
Adair	138	116	93
Andrew	25	64	30
Atchison	47	45	5
Audrain	120	117	76
Barry	52	112	126
Barton	66	137	61
Bates	80	82	59
Benton	50	94	37
Bollinger	64	102	84
Boone	539	466	434
Buchanan	126	213	185
Butler	51	56	59
Caldwell	54	61	39
Callaway	176	184	173
Camden	425	254	252
Cape Girardeau	505	396	417
Carroll	121	60	89
Carter	7	41	22
Cass	321	424	336

County	2001	2002	2003
Cedar	32	36	19
Chariton	19	26	48
Christian	233	441	359
Clark	46	49	45
Clay	273	335	434
Clinton	136	100	133
Cole	184	504	220
Cooper	132	196	264
Crawford	119	116	157
Dade	68	32	48
Dallas	89	88	87
Daviess	18	42	0
DeKalb	58	27	25
Dent	49	89	42
Douglas	167	134	40
Dunklin	167	207	98
Franklin	625	725	520
Gasconade	50	38	15
Gentry	46	33	23
Greene	635	869	551
Grundy	40	62	11
Harrison	68	71	41
Henry	15	83	49
Hickory	54	107	50
Holt	51	64	87
Howard	70	62	75
Howell	397	156	243
Iron	62	32	42
Jackson	929	1,304	1,408
Jasper	166	230	127
Jefferson	886	762	487
Johnson	251	341	163
Knox	35	7	7
Laclede	135	135	85
Lafayette	229	219	181
Lawrence	134	181	85
Lewis	143	172	151
Lincoln	359	204	138
Linn	20	17	28
Livingston	31	59	29
Macon	56	166	83
Madison	36	33	17
Maries	29	25	15
Marion	234	195	246
McDonald	31	75	10
Mercer	33	48	35
Miller	141	158	136
Mississippi	40	46	19

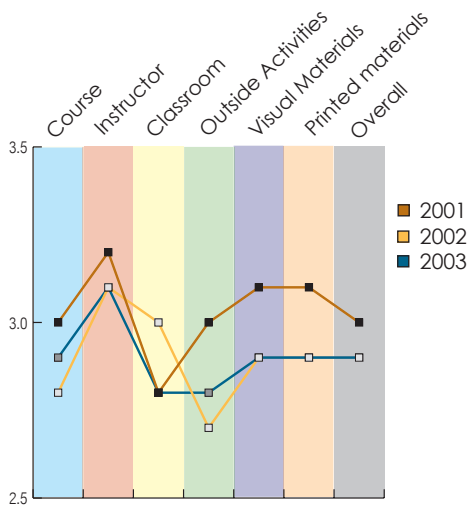
County	2001	2002	2003
Moniteau	67	75	67
Monroe	167	80	77
Montgomery	46	107	45
Morgan	128	165	124
New Madrid	190	193	117
Newton	371	411	278
Nodaway	124	164	120
Oregon	72	85	87
Osage	96	90	43
Ozark	118	125	105
Pemiscot	63	129	36
Perry	170	122	63
Pettis	91	54	57
Phelps	115	198	159
Pike	97	150	91
Platte	163	265	224
Polk	331	219	235
Pulaski	231	209	281
Putnam	3	38	5
Ralls	41	69	108
Randolph	140	252	264
Ray	68	79	67
Reynolds	31	3	5
Ripley	9	51	40
Saline	25	48	34
Scott	309	266	162
Scotland	3	4	4
Schuyler	6	20	4
Shannon	31	48	47
Shelby	69	52	31
St. Charles	833	688	560
St. Clair	37	52	32
St. Francois	436	228	249
Ste. Genevieve	33	97	48
St. Louis	1,242	1,434	802
Stoddard	135	168	83
Stone	114	154	41
Sullivan	19	9	4
Taney	213	175	197
Texas	177	155	178
Vernon	87	139	152
Warren	193	173	165
Washington	122	174	66
Wayne	38	100	43
Webster	155	213	153
Worth	4	0	1
Wright	117	83	185
Out of State	480	995	1465



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.

In FY 03 the cost per instructional hour of training was \$5.95, down from \$8.62 in FY 02



	Course	Instructor	Classroom	Outside Activities	Visual Materials	Printed materials	Overall
FY 01	3.0	3.2	2.8	3.0	3.1	3.1	3.0
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

Customer Satisfaction Ratings

New programs

Community Emergency Response Team (CERT) training was delivered in a train-the-trainer format in six states by MU FRTI this fiscal year. The purpose of this course is to provide skills to civilians to perform essential lifesaving functions while waiting for the professional responders to arrive following a disaster. The course was developed by Los Angeles County Fire Department and is organized in modules for ease of delivery. CERT has become a highly sought after course by citizens groups, corporations and school systems to train employees how to handle emergencies and disasters.

Introduction to Emergency Management for the Fire Service is a two-day course designed to identify basic definitions, concepts and systems utilized within the emergency management discipline. The course includes identification of hazards and risks, activities found within the four phases of emergency management. It addresses federal, state and local roles and responsibilities in a major disaster, with an emphasis on government coordination and the solutions to complicated problems that frequently arise in disasters.

Train-the-Trainer Weekend is a conference focused for state certified instructors who could attend up to three different sessions during the three-days. Each participant who successfully completed their session was provided with the complete curriculum and allowed to teach the course as a registered program with MU FRTI in their department.

The *Fire Service Leadership Enhancement Program (FSLEP)* is a unique professional development program designed to enhance the leadership skills of fire and rescue service executives throughout the Midwest. The goal of *FSLEP* is specifically to prepare leaders for the opportunities and challenges of the 21st century. The Fire and Rescue Training Institute and the Harry S Truman School of Public Affairs at the University of Missouri-Columbia jointly sponsor the program.

On average 2 classes start a day, 15 classes start each week and 66 classes start each month.



Special Thank You

Each year numerous fire departments and organizations, 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 and make our program better.

