



**Peter Adam**  
**School of Natural Sciences**

Although commonly thought of as a specialized opportunity limited to students in Emergency and Disaster Management, training in the Northwest **Community Emergency Response Team (NWCERT)** is part of a free and certificate-granting federal FEMA program that is open to **Northwest students, faculty, staff, and other members of the Maryville community**. The training is designed to train persons of all ages and capabilities in how to **prepare for, and respond to, natural disasters** in order to help themselves, family and friends, and the community as a whole. This is particularly relevant to Maryville as we are located in an area with a relatively high risk of tornadoes and ice storms. Northwest is also the evacuation site for southeast Missouri in the case of an earthquake or other disaster that strikes New Madrid. I will give an infomercial-style presentation that will highlight major themes of **NWCERT training**, present important **"take-home" messages** concerning disaster preparedness, and otherwise **encourage faculty (and others) to participate** in NWCERT.















# By the numbers...

- Magnitude 8.0
- Killed 5 000 to 10 000 people
- Injured 30 000 people
- Collapsed 412 buildings
- Damaged 3500 buildings
- Cost US\$3 Billion to US\$4 Billion













## By the numbers...

- 800 people rescued from rubble
- >100 citizens killed attempting rescues
- >1000 citizens injured attempting rescues



# Lessons Learned...

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### El reposo del fuego

Esta ciudad no tiene  
[historia,  
sólo martirio]  
El país del dolor,  
la capital del sufrimiento,  
el centro deshecho,  
el núcleo del desastre  
[interminable  
jamás aprenderemos a vivir  
en la epopeya del estrago  
Nunca será posible aceptar  
[lo ocurrido,  
hacer un pacto con el sismo, decir:  
"lo que pasó pasó y es mejor  
[olvidarlo,  
pudo haber sido peor, después  
[de todo  
no son tantos los muertos"]  
Pero nadie se traga estas cuentas  
[alegres  
Nadie cree en el olvido  
Estaremos de luto para siempre  
Y los muertos  
no morirán mientras tengamos  
[vida

**F**ragmento de este poema escrito por José Emilio Pacheco en 1966. Los dolidos versos del gran poeta de la Ciudad de México se deramaron ayer como luto prematuro por las calles de la capital y, con saña, por las colonias que inmortalizan sus libros, la Roma y la Condesa. Justo en la calle Cosmopol esquina con Parque España el sismo de 7.1 grados cegó la vida de la mujer de la imagen, precisamente 31 mil 688 días después del terremoto de 1985, en una coincidencia nefasta de más de 150 muertes.

## 11 MIL 688 DÍAS DESPUÉS SE REPITE LA TRAGEDIA

**AL CUMPLIRSE** exactamente 32 años del terremoto de 1985, otro gran sismo cimbó el corazón del país, con daños aún incuantificables

[COBERTURA ESPECIAL]

## Science Times

The New York Times

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Style, Arts

L C1

### Prostitutes' Impact On Spread Of AIDS Is Debated

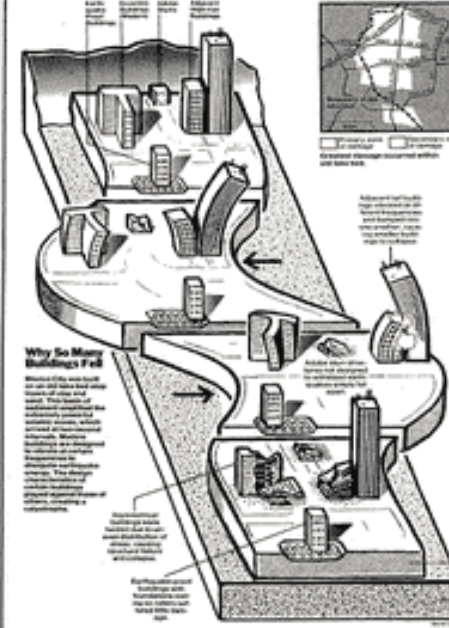
By David S. Finkelstein

**A**mong the many theories about the spread of AIDS, one of the most controversial is the role of prostitutes. Some experts believe that the high incidence of the disease among prostitutes and their clients is a major factor in its spread. Others argue that the disease is primarily spread through heterosexual contact and that the role of prostitutes is minimal. The debate is ongoing, with new studies and theories emerging regularly.

### Colleges Test Their Work

**A**merican universities are testing the effectiveness of their work in various fields, including education, research, and public service. The tests are designed to evaluate the impact of different programs and to identify areas for improvement. The results of the tests will be used to guide future efforts and to ensure that the universities are meeting their goals.

## Lessons Emerge From Mexican Quake



Deadly test in nature's laboratory reveals flaws in building design.

By William H. Thomas

**M**exico City was hit by a powerful earthquake on Sept. 19, 1985, that killed more than 10,000 people and destroyed or damaged more than 2 million homes. The quake was a reminder of the need for better building codes and standards. Engineers and architects are now studying the damage to buildings to learn what went wrong and how to prevent similar disasters in the future. The earthquake also highlighted the importance of seismic safety in urban planning and construction.

## Pentagon and Critics Dispute Roles of Space Arms Designers

**T**he Pentagon and critics are in a heated dispute over the roles of space arms designers. The Pentagon argues that these designers are essential for the development of new space-based weapons and defense systems. Critics, however, claim that the focus on space arms is a distraction from more pressing issues on Earth. They argue that resources should be spent on improving ground-based defenses and addressing global challenges. The debate continues as both sides present their arguments.

**THEATER:** Lincoln Center's 4 dark years to end, page C15./ *Passion* play gets private showing in Frankfurt, page C15.

**BOOKS:** "Political Murder," a look at assassins, page C18./ **TV:** The coverage of news from South Africa, page C22.



# Lessons Learned...



(Los Angeles Times 1986)

**LAFD commissioned to begin citizen  
training in disaster preparedness**

# ...and Lessons Tested



## Whittier Narrows Earthquake

- Oct. 1, 1987
- 5.9 magnitude
- 8 killed
- 200 injured



# ...and Lessons Tested



- 30 trained citizens deployed

- safe, systematic search and rescue operations







- **Adopted by FEMA in 1993**
- **Covers all hazards**
- **Offered in all states, 3 territories, 6 foreign nations**
- **Designed to prepare and respond**





- **First offered in 2010**
- **Included as part of training for EDM minor and major**
- **Also offered to other Northwest students, staff, and faculty and Maryville community**



**NORTHWEST**  
MISSOURI STATE UNIVERSITY





**Mark  
Corson**



**John  
Carr**



**April  
Haberyan**



**Matt  
Johnson**



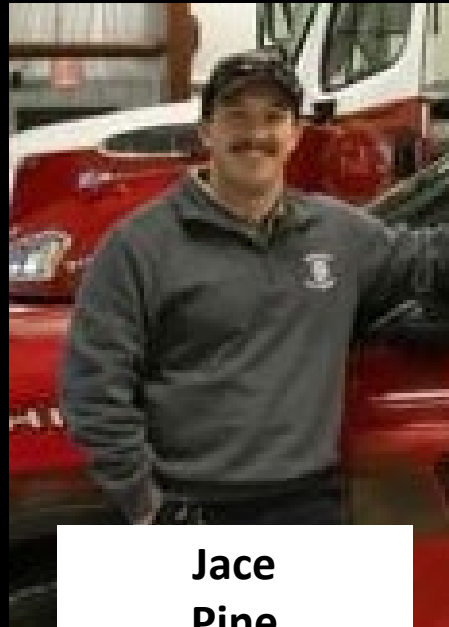
**Katie  
Spears**



**John  
Pope**



**Diana  
Pope**



**Jace  
Pine**



**Jeff  
Bradley**



**Yours  
Truly**





**Travis  
Surprise**



**Yours  
Truly**



**Jace  
Pine**



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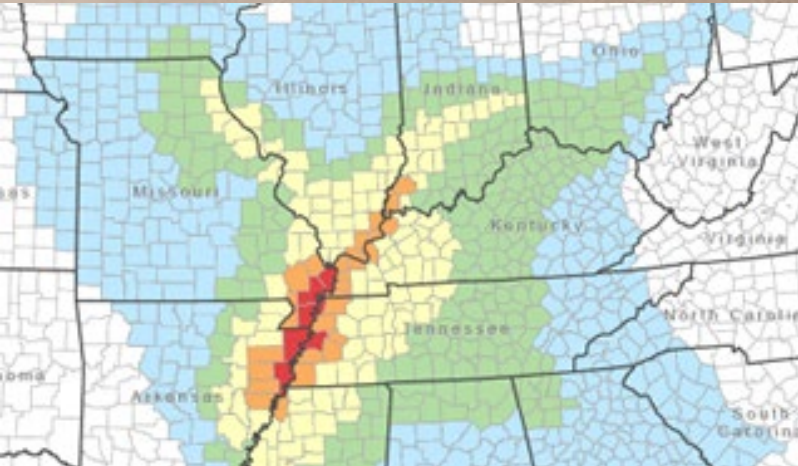








West Side of Auditorium  
State Normal School, <sup>Marionville</sup>  
[www.whmssmissouri.edu](http://www.whmssmissouri.edu)  
March - 16 - 1919.





# Maryville Fire Department searches for more firefighters, fire chief talks necessity of volunteers

ANNA BAILEY | News Editor | @AmBailey1 Dec 2, 2025 Updated Dec 5, 2025 0



Maryville Fire Department responds to a reported gas leak at Lamkin Activity Center Nov. 13, 2024. The department consists mostly of volunteers, having only two full-time firefighters, and is seeking further volunteer support.

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## LATEST NEWS

- Bearcat football falls in first round of playoffs, brings home big achievements
- New coffee shop, book store to officially open Dec. 5 after facing timeline setbacks
- Blotters for the week of 12/4
- Jackson Dredge makes his mark as a Spoofohound, embraces being multisport athlete
- Instructor ends journey at Northwest to pursue career with Savannah Bananas





**WE WANT YOU**



- **Absolutely FREE**





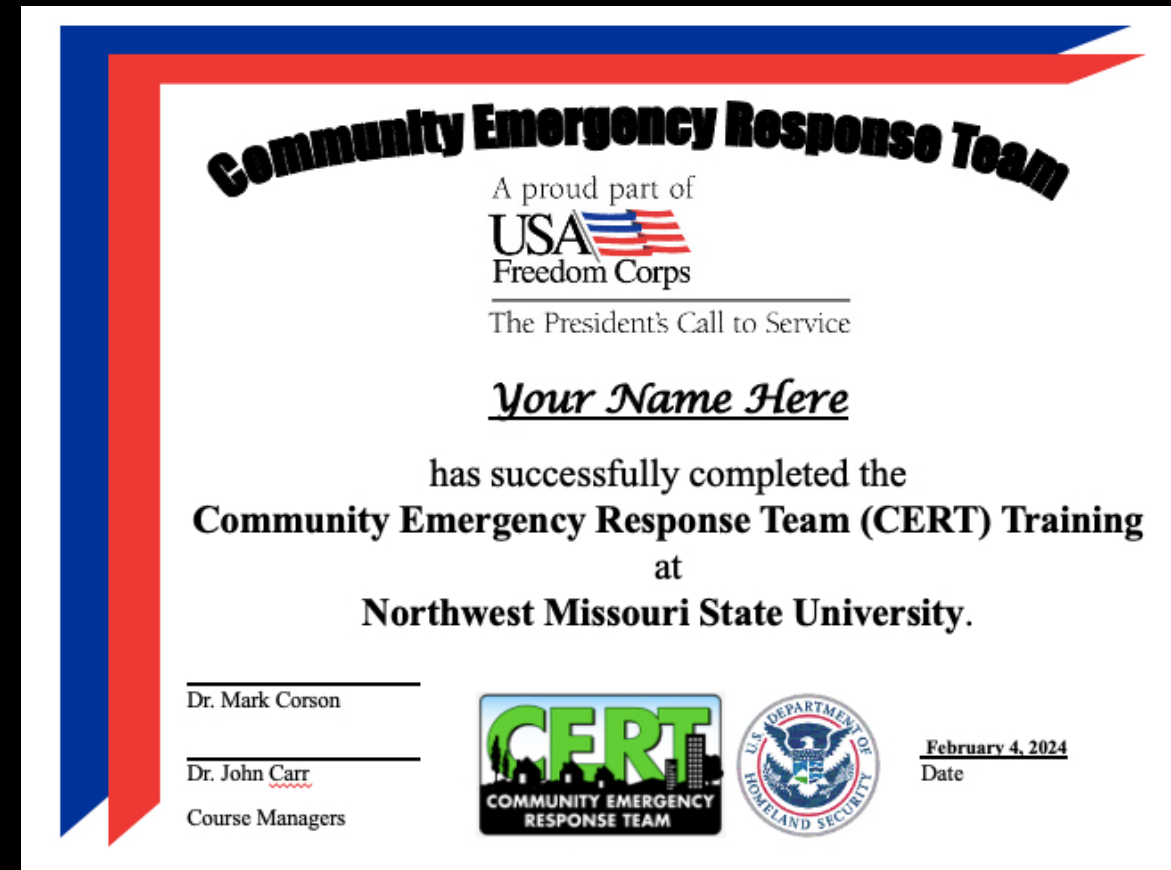


- **Absolutely FREE**
- **30 hours of classroom and hands-on training**





- Absolutely FREE
- 30 hours of classroom and hands-on training
- Certificate from Freedom Corps and FEMA







- **Absolutely FREE**
- **30 hours of classroom and hands-on training**
- **Certificate from Citizen Corps and FEMA**
- **Knowledge that may very well help you and others**



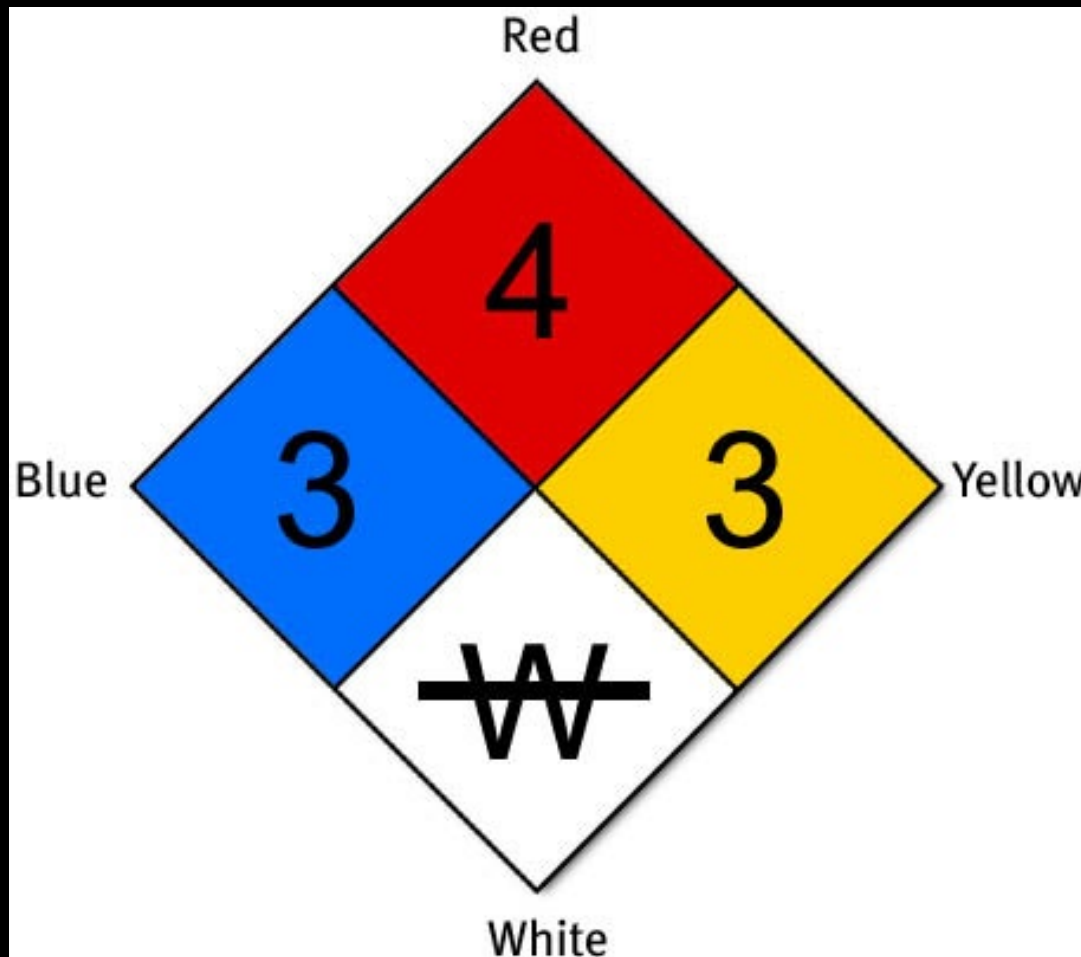


## Training Includes:

- **Basic knowledge** of hazards and safety for all types of natural disasters







## Training Includes:

- How to recognize potentially hazardous scenarios





## Training Includes:

- How to safely use a **fire extinguisher** to put out small fires





## Training Includes:

- How to assess a **damaged building** for safety





**2/15/08**  
**In: 1430**  
**Out: 1515**

**CERT-23**

**FL 1-2 searched**  
**Stairs to FL-3 unsafe**

**2L**  
**Moved to**  
**CERT-23 med**  
**ops**

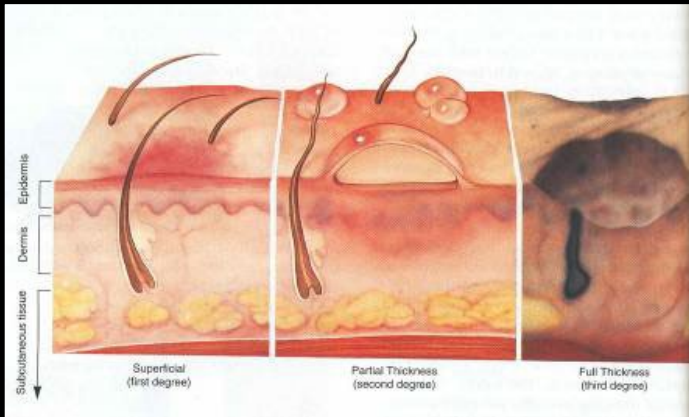
## Training Includes:

- How to participate in a systematic, safe, and effective **search and rescue** operation



- ## Training Includes:
- How to assess and treat the **three quickest killers** in disaster scenarios





## Training Includes:

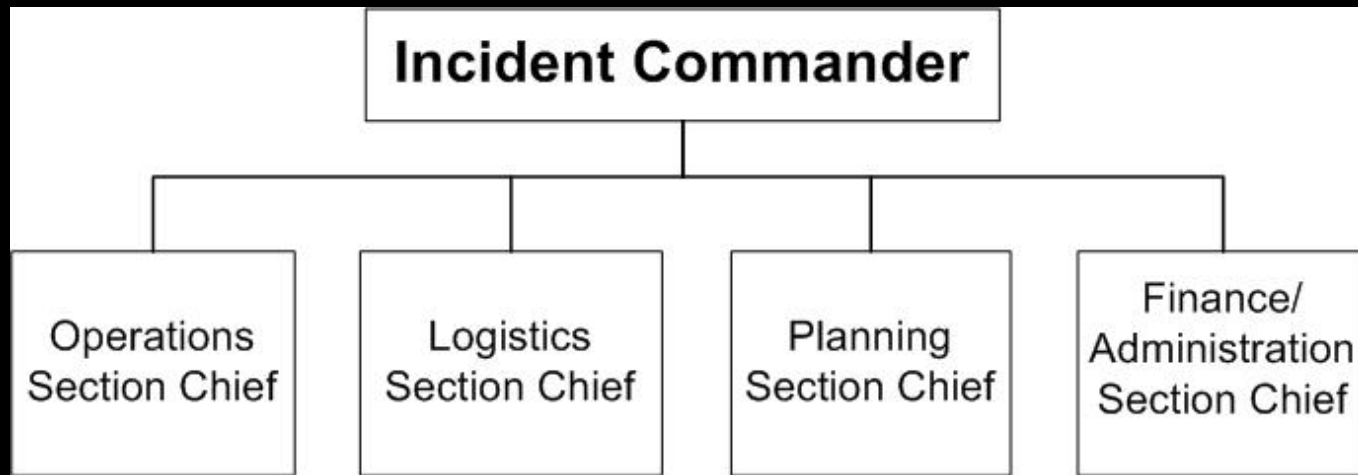
- How to assess and treat various traumatic injuries



## Training Includes:

- How to help people that may be experiencing **emotional stress**



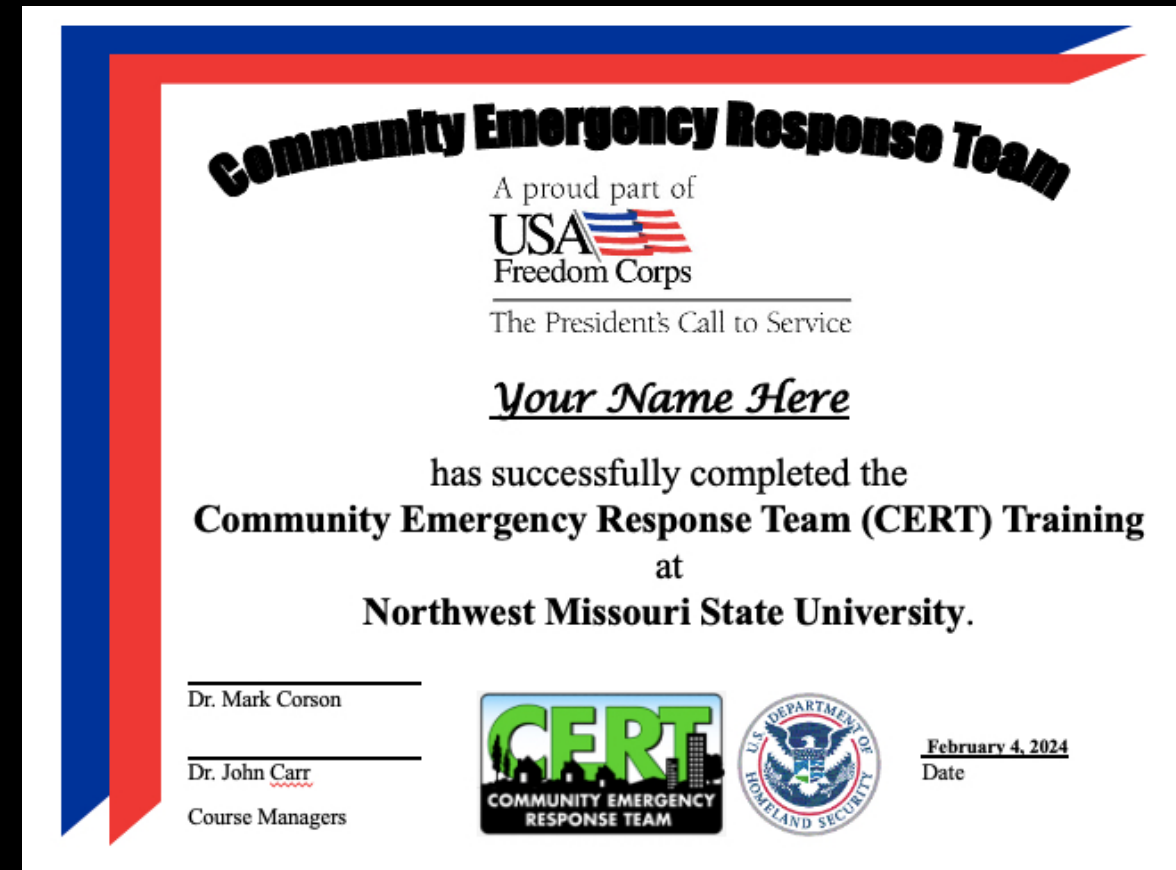


## Training Includes:

- Introduction to the **Incident Command System**



- Absolutely FREE
- 30 hours of classroom and hands-on training
- Certificate from Citizen Corps and FEMA
- Knowledge that may very well help you and others





**But Wait,  
THERE'S  
MORE!**



**Travis  
Surprise**



**Yours  
Truly**



**Jace  
Pine**



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- **Absolutely FREE**
- **Mostly on-line training**
- **Reiteration of basic CERT but greater depth**
- **FEMA certificate**
- **Knowledge that you can officially share with others:**
  - **community outreach**
  - **service**



**YOU**





**WE WANT YOU**

## **Basic CERT:**

- **Offered every Spring (sometimes Fall)**
- **Tentative dates:**

**March 12-15, 2026**

**(Thu./Fri. 5:00-10:00 +  
Sat./Sun. 8:00-5:00)**

**Interested?**

**[padam@nwmissouri.edu](mailto:padam@nwmissouri.edu)**

