#### **Course Information**

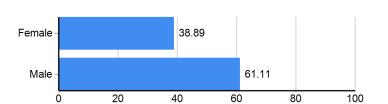
Course Code: E0174;L0174
Start Date: 10/1/2014
End Date: 9/30/2018
Number of Offers: 3

Number of Students: 35

Number of Evaluations Forms: 20 Response Rate: 57.14%

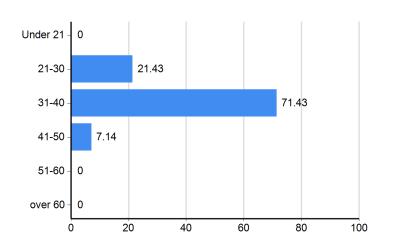
### Gender

Category	Respons			
Female	7			
Male	11			
Total Responses:	18			
Response Rate	51.43%			



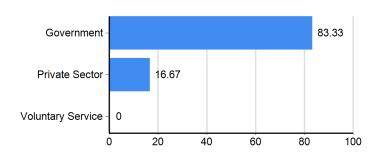
## Age

Category	Response
Under 21	0
21-30	3
31-40	10
41-50	1
51-60	0
over 60	0
Total Responses:	14
Response Rate	40.00%



## **Work Type**

Category	Response
Government	15
Private Sector	3
Voluntary Service	0
Total Responses:	18
Response Rate	51.43%



Category	Response				
Federal	6	Federal -	40		
State	5	0.1	00.00		
County	2	State -	33.33		
City/Town	1	County -	13.33		
Tribal	0	County	10.00		
Territory	0	City/Town - 6.	.67		
Other	1				
Total Responses:	15	Tribal - 0			
Response Rate	42.86%				
		Territory - 0			
		Other - 6.	67		
		Ö	20 40	60 80	100

# **Private Sector Type**

Category	Response							
Business	1	Business -			33.33			
Industry	0							
Education	0	Industry -	0					
Other	2							
Total Responses:	3	Other -					66.67	
Response Rate	8.57%							
		Education -	0					
		ō		20	40	60	80	10

# Voluntary Service Type

Category	Response		ı					
Non-Governmental Organization	0	Non-Governmental Organization -	1					
Private Volunteer Organization	0	Private Volunteer Organization -						
Faith-Based Organization	0	Filvate Volunteer Organization						
Community-Based Organization	0	Faith-Based Organization -						
Other	0	· ·						
Total Responses:	0	Community-Based Organization -						
Response Rate	0.00%							
		Other -						
			5 2	20	40	60	80	100

**Local Government Size** 

Category	Response		
Less than 40,000	2	Less than 40,000 - 28.57	
40,001 - 200,000	0		
200,001 - 500,000	0	40,001 - 200,000 - 0	
More than 500,000	5		
Total Responses:	7	200,001 - 500,000 - 0	
Response Rate	20.00%	250,001 000,000	
		More than 500,000 - 71.43	
		0 20 40 60 80	100

#### Work Service

Category	Response		_						
Council, Board or Commission Member	0		0						
Chief Executive/Administrator	0	Chief Fyran Hiva (Administrator	_						
Emergency Management	10	Chief Executive/Administrator -	0						
Fire Service	0						58.82		
Law Enforcement	0								
Public Works/Utilities	1	Fire Service -	0						
Rescue	0		0						
Shelter/Evacuation	0								
Radiological	0	Public Works/Utilities -	5.8	88					
Health Care	0		0						
Voluntary Organization	0								
Other	6	Shelter/Evacuation -	0						
Total Responses:	17								
Response Rate	48.57%		0						
		Health Care -	0						
			0						
		Other -			35.29	9			
				20	40	6	0	80	10

**Emergency Management Role** 

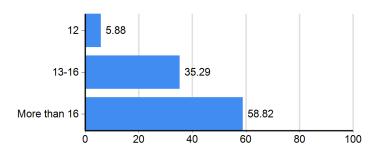
Category	Response	ı				
Elected Official	0	Elected Official - 0				
Appointed Executive	0	Appointed Executive - 0				
Department Head	0	Appointed Executive - 0				
Supervisor	0	Department Head - 0				
Training Specialist	0					
Technical Specialist	12	Supervisor - 0				
Support Staff	2	Training Specialist - 0				
Advisor/Consultant	0					
Public Information Specialist	0	Technical Specialist			63.16	
Other	5	Support Staff -	10.53			
Total Responses:	19	Support Stall	10.00			
Response Rate	54.29%	Advisor/Consultant - 0				
		Public Information Specialist - 0				
		Other -	26.32	2		
		0	20 4	0 60	0 80	) .

# Years of Experience

Category	Response		
Less than 1	3	Less than 1 - 15.79	
1-5	10	50.00	
6-10	2	1-5 - 52.63	
11-15	2	6-10	
16-20	2	10.00	
Over 20	0	11-15 - 10.53	
Total Responses:	19		
Response Rate	54.29%	16-20 - 10.53	
		Over 20 - 0	
			_
		0 20 40 60 80	100

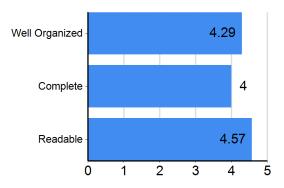
### **Formal Education**

Category	Response
12	1
13-16	6
More than 16	10
Total Responses:	17
Response Rate	48.57%



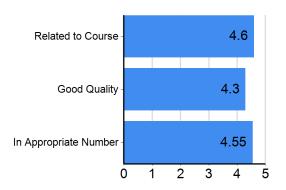
#### **Printed Materials:**

Category	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Well Organized	0	0	1	8	5
Complete	0	1	3	5	5
Readable	0	0	1	4	9



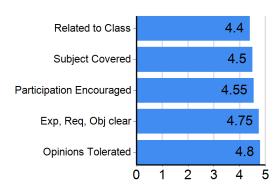
### **Audio Visual:**

Category	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Related to Course	0	0	0	8	12
Good Quality	1	0	1	8	10
In Appropriate Number	0	0	1	7	12



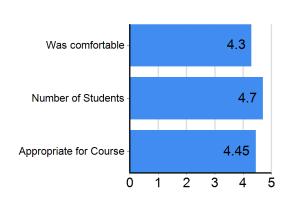
#### Instruction:

Category	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Related to Class	0	2	0	6	12
Subject Covered	1	0	0	6	13
Participation Encouraged	0	1	0	6	13
Exp, Req, Obj clear	0	0	0	5	15
Opinions Tolerated	0	0	0	4	16



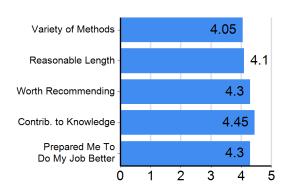
#### Classroom:

Category	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Was comfortable	0	0	4	6	10
Number of Students	0	0	0	6	14
Appropriate for Course	0	2	0	5	13



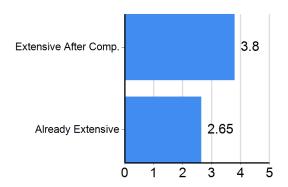
#### Course:

Category	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Variety of Methods	1	0	5	5	9
Reasonable Length	1	2	2	4	11
Worth Recommending	1	1	0	7	11
Contrib. to Knowledge	1	0	1	5	13
Prepared Me To Do My Job Better	0	0	3	8	9



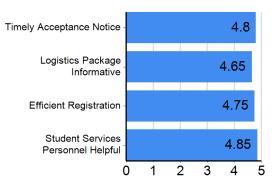
## Knowledge:

Category	Strongly Disagree	,		Agree	Strongly Agree		
Extensive After Comp.	1	1	3	11	4		
Already Extensive	3	6	7	3	1		



#### Admissions:

Category	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Timely Acceptance Notice	0	0	0	4	16
Logistics Package Informative	0	0	1	5	14
Efficient Registration	0	0	1	3	16
Student Services Personnel Helpful	0	0	0	3	17



### **Student Services:**

Category	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	Transportation Adequate			4.	38
Transportation Adequate	0	1	2	1	9	Lodging -			4.	39
Lodging	0	0	3	5	10	Wholesome Food -			3.84	
Wholesome Food	0	1	6	7	5	Recreational amenities -			4	.44
Recreational amenities	0	0	3	4	11	Learning Resource Center			4.:	29
Learning Resource Center	0	0	3	4	7	Security Staff			4	.55
Security Staff	0	0	2	5	13	0	1	2	3	4

Overall Course Rating	Content	Instruction
	4.00	4.60

Course Remarks

Most Valuable

E0174 3/30/2015 - 4/2/2015

The building background in terms of structural engineering was extremely helpful.

E0174 3/30/2015 - 4/2/2015

Learning the significant effects on output that are the result of changing soil type, building data, etc. Use caution with Level I analysis.

E0174 3/30/2015 - 4/2/2015

Getting exposure in running Hazus Earthquake models. The hands-on exercises were really helpful as they helped me to understand the software better. I really enjoy running the model.

E0174 3/30/2015 - 4/2/2015

I felt the individual exercises helped a great deal, and individual help provided by Jordan and Bill.

E0174 3/30/2015 - 4/2/2015

The level of detail within the program.

E0174 3/30/2015 - 4/2/2015

Namazu the giant catfish is my hero. The uncertainty and sensitivity analysis lecture was great too.

E0174 3/30/2015 - 4/2/2015

The fact that every lecture has a hands-on activity. Interaction and participation was always encouraged.

E0174 3/30/2015 - 4/2/2015

The socio-economic impacts; the building vulnerabilities and the AEBM Mitigation Analysis; Hazus applications to response and recovery.

E0174 3/30/2015 - 4/2/2015

A: Extremely helpful to give basics to earthquake and engineering aspects. The course was great; will review CD of course material.

E0174 3/30/2015 - 4/2/2015

Friendly staff/instructors that are open to any questions. Geopardy.

E0174 4/9/2018 - 4/12/2018

Getting familiar with the software.

E0174 4/9/2018 - 4/12/2018

Instruction as always was very good. Always invaluable information. A lot to absorb.

E0174 4/9/2018 - 4/12/2018

Meeting and working with other Hazus users.

E0174 4/9/2018 - 4/12/2018

Instructors are highly knowledgeable of software buttonology/interface/how to use Hazus, but weren't able to explain more complicated details about the science behind the model.

E0174 4/9/2018 - 4/12/2018

Meeting others with similar interests and issues; being taught by experienced instructors; the availability of this course in a setting that encourages learning.

E0174 4/9/2018 - 4/12/2018

Direct interaction with teachers and a small class.

#### Suggestion

E0174 3/30/2015 - 4/2/2015

I think making exercises a bit more interactive would be great. I would have liked more mitigation and response time for the exercises. I learned so much, thank you!

E0174 3/30/2015 - 4/2/2015

Handouts of tables for exercises.

E0174 3/30/2015 - 4/2/2015

I wish I still had a hard copy of course material that I can write notes on next to the slide.

E0174 3/30/2015 - 4/2/2015

I do like the exercise instruction in the digital format instead of the hard copy, but it would be nice if EMI can print out a hard copy of the exercises that students need to fill out the answer. I hope Hazus will be compatible with any ArcGIS version, not only the newest version since I'm still on ArcGIS 10.1.

E0174 3/30/2015 - 4/2/2015

I thought the group exercise was the least valuable because I didn't get exposure to all aspects of the model.

E0174 3/30/2015 - 4/2/2015

An audio file of the class. There is a lot of info in the class; it would be nice to capture the entire presentation and lectures.

E0174 3/30/2015 - 4/2/2015

Reminder e-mail should be sent the week before class with start times and any other info. Would be nice if Student Guide on each machine allowed people to type in roles and save, then e-mail it to themselves at the end of class. Not being able to write the exercise answers in the SG may result in people not being able to associate processes with results. Print out/provide answer sections to exercises in student package.

E0174 3/30/2015 - 4/2/2015

More data resources Hazus ready and accessible.

E0174 3/30/2015 - 4/2/2015

I'm not a fan of group projects as a means of assessment. Either individual projects or some other method.

E0174 3/30/2015 - 4/2/2015

Change up the visual style of the slides. A million dark blue slides with white text gets old and it's hard to keep focused. Color pictures in the Unit 4 slide 18-20 exercise would be useful.

E0174 3/30/2015 - 4/2/2015

More final product examples of the different stages: Mitigation, Emergency Response, Pre, During, Post-Hazus applications in which Hazus can be used.

E0174 3/30/2015 - 4/2/2015

Every exercise section should have printables to take notes and answer questions/filling the tables. This will avoid having to go back and forward and it will save time. Create a matrix with contact people/agencies/web sites of where to get data to initialize Hazus-Earthquake (e.g., soil, elevation, slope, building footprints, etc.).

E0174 3/30/2015 - 4/2/2015

ALL aspects of the class have value.

E0174 3/30/2015 - 4/2/2015

All Hazus-MH classes are very informative and you acquire a lot of knowledge. I would like this course to be delivered in a 7-day basis. All the things you learn could be better practiced.

E0174 3/30/2015 - 4/2/2015

For those arriving on the day of the start of the course, e-mail when the course starts.

E0174 4/9/2018 - 4/12/2018

The course material needs to be updated for the current Hazus software version.

E0174 4/9/2018 - 4/12/2018

The current software version feels buggy and not ready for prime time.

E0174 4/9/2018 - 4/12/2018

An extra day or half-day would be nice to explore running the model on our local areas.

E0174 4/9/2018 - 4/12/2018

Need to update materials with version of software! Would like to see more mapping included as well.

E0174 4/9/2018 - 4/12/2018

More information/clearer instruction on the science/damage functions/inner workings of Hazus.

E0174 4/9/2018 - 4/12/2018

Class was 1/1.5 days too long - material and project could have been covered in 3 days.

E0174 4/9/2018 - 4/12/2018

I don't feel like I learned anything more than I already knew about using the software - there should be an option to "test out" of courses.

E0174 4/9/2018 - 4/12/2018

I found it awkward to get instructor assistance because of the narrow spacing between rows in this room. For those not on the aisles, instructors had to step around classmates, inconveniencing others. Also, I couldn't always remember procedures from previous lessons, so because instructions were purposely limited in later lessons, I lost time searching for information. When the exercises don't repeat instructions, it would help to put ("see..on page xx of lesson...") to reduce lost time.

E0174 4/9/2018 - 4/12/2018

Update slides and material. Several things were out of date or not true.

E0174 4/9/2018 - 4/12/2018

Course instructions could include bringing a USB drive capacity 2G or less and bring local data if you have it. Evaluation of local data available and what might be necessary to make data consumable by persons.

## **Facility Remarks**

#### Suggestion

E0174 3/30/2015 - 4/2/2015

Build an NETC-West...jet lag for West Coasters is a killer the first day.

E0174 3/30/2015 - 4/2/2015

PLEASE! Put the 3:00 p.m. shuttle to DCA again! Please!

E0174 3/30/2015 - 4/2/2015

Internet is a bit slow and blockage of internet sites that are useful for class exercises.