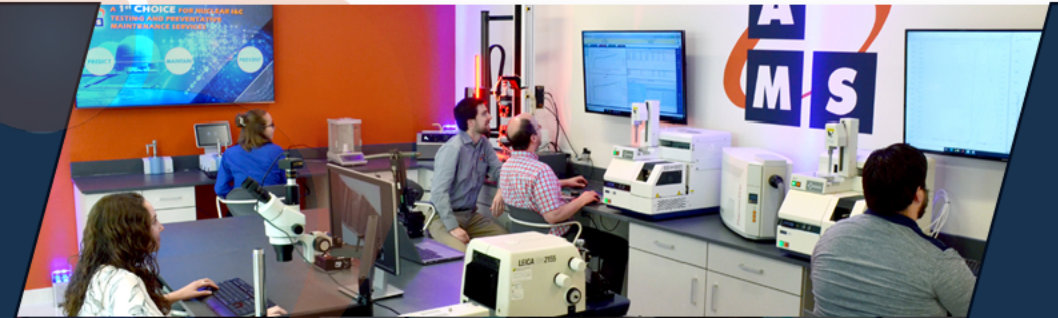




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# Welcome to AMS!

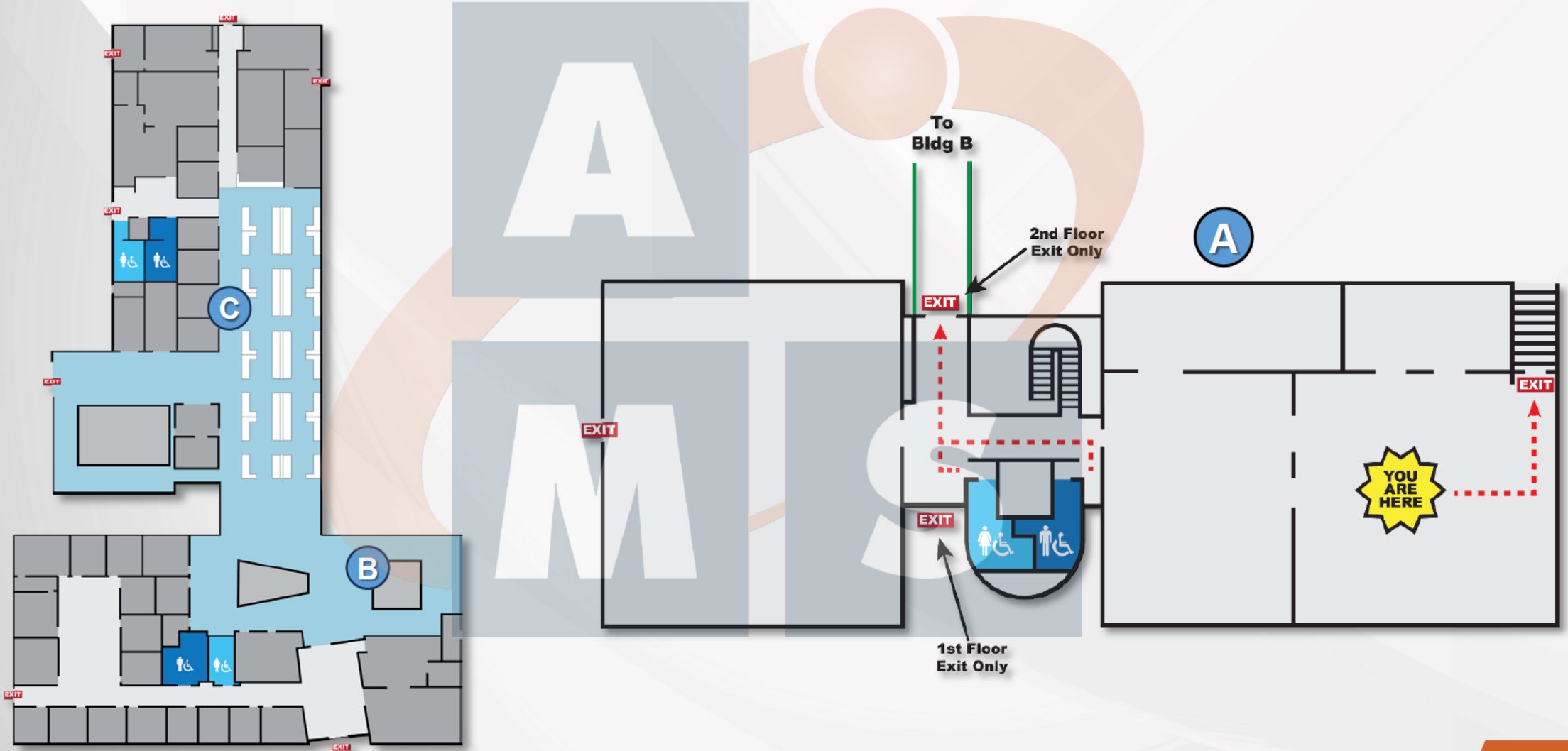
# Two Day Course on EMC and EMI/RFI Troubleshooting



Instrumentation and Control Testing and Troubleshooting Course for TVA

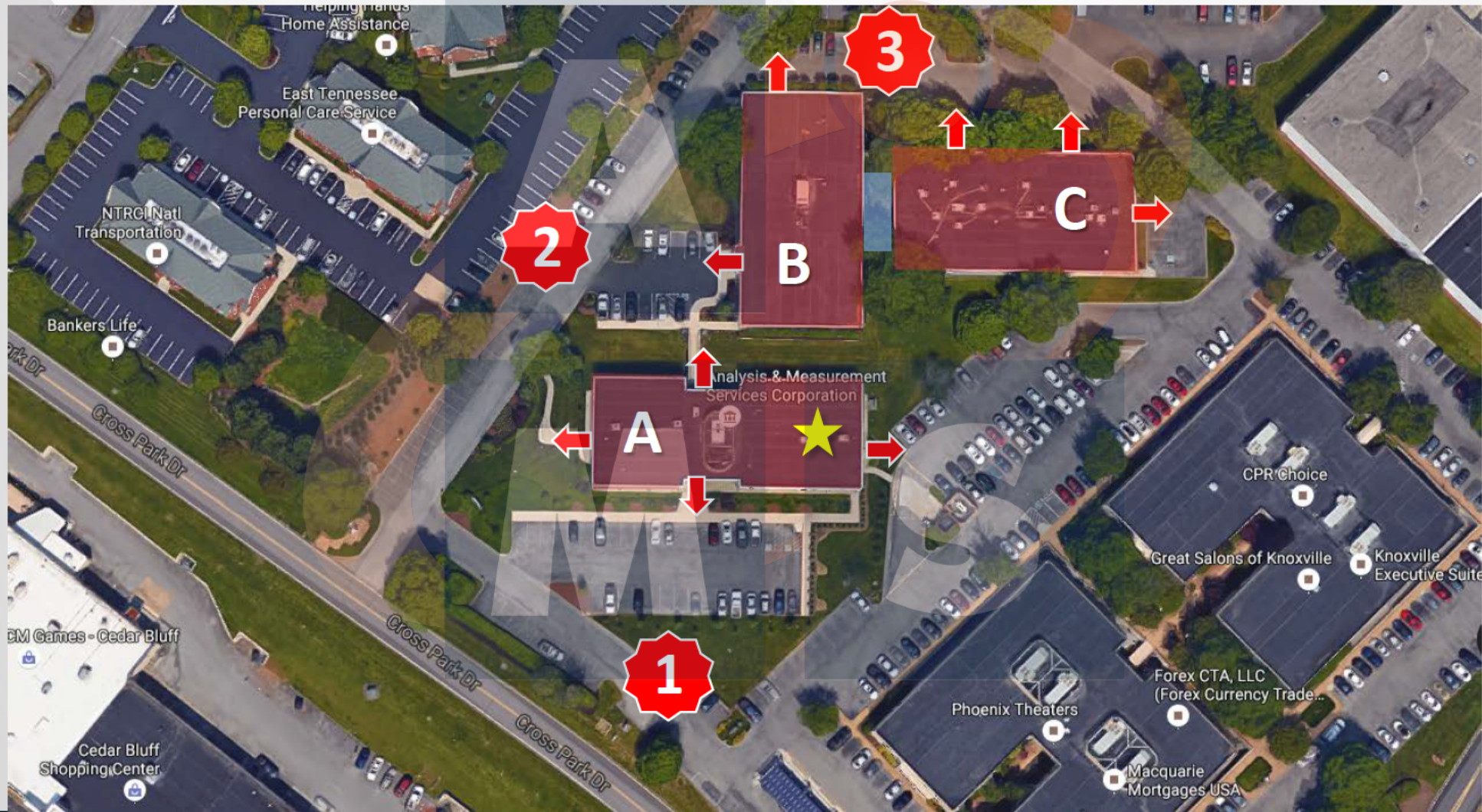


# Emergency Exits





# Campus Layout – Muster Points





# Course and Lab Instructors



**Chad Kiger**  
EMC Engineering  
Manager

**Course Lecturer**



**Whitney Kirby**  
EMC  
Engineer



**Morgan Berg**  
EMC  
Engineer



**Doug Price**  
EMC  
Lab Supervisor



**John Lanager**  
EMC  
Engineer



**Leif Orrell**  
EMC  
Engineering Technician



# Course Schedule

Tuesday, Oct. 3<sup>rd</sup>  
(8:30 – 5:00)

- General Overview of EMC in the Nuclear Industry
- Design Considerations to Control EMI
- Practical Application: Oscilloscopes and Probes
- Electromagnetic Coupling Mechanisms

Wednesday, Oct. 4<sup>th</sup>  
(8:30 – 5:00)

- Electrical Transients
- Electromagnetic Shielding
- Practical Application: Transient Detection
- Grounding for EMI Control
- EMI Troubleshooting for Noise Problems with Equipment
- Summary

- 1) Breaks will be 15 minutes (or so) when you get tired
- 2) Lunch will be one hour, likely starting around noon



# Course Evaluation

We value your feedback

**AMS TRAINING COURSE EVALUATION**

**AMS**


	STRONGLY DISLIKE	DISLIKE	NEUTRAL	LIKE	STRONGLY LIKE
The material was presented at the proper level of difficulty	1	2	3	4	5
The course addressed the topics you expected	1	2	3	4	5
The instructors were knowledgeable	1	2	3	4	5
The instructors were well prepared	1	2	3	4	5
The course was presented well	1	2	3	4	5

1. What did you consider to be the best feature in the course presented here?
2. What did you consider to be the weakest feature in the course?
3. Check your general evaluation of course content:
  - Valuable
  - Interesting
  - Fair
  - Of Little Value
4. What suggestions do you have for improvement of the course?
5. What topics would you like to have presented at a future course related to these topics?
6. Other Comments:
7. How did you hear about the course?

Your Name (Optional)

**Thank You For**

Testing and Troubleshooting of I&C Systems for Nuclear Facilities  
August 15<sup>th</sup> – 19<sup>th</sup>, 2022  
Knoxville, Tennessee, USA





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Thank You

*Questions?*

