

Department of Electrical Engineering  
University of Arkansas



# **ELEG 3124 SYSTEMS AND SIGNALS**

## **Poster Presentation**

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# POSTER PRESENTATION

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- **Poster presentation**
  - A new requirement on poster presentation for junior level courses was proposed by the ELEG undergraduate curriculum committee
  - The proposal was voted and approved by all ELEG faculty
  - To meet ABET requirements on skills related to presentations and communications
  
- **Logistics**
  - Date: Dec. 6 (Thursday), last day of class
  - Time: 12:30 – 1:45 PM
  - Location: Bell Engineering Center Ramp

# POSTER FORMAT AND CONTENTS

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- **Format**

- 3-column format
- Will be printed on size-C paper
- Submit the soft-copy of your poster to the TA: Samrat Nath [snath@email.uark.edu](mailto:snath@email.uark.edu), by 5 PM on Nov. 30 (Fri.)

- **Contents**

- Introduction
- Applications
- Theories
- Results
- Conclusions
- References
  
- You can make change to the above guidelines based on your topic.

# POTENTIAL TOPICS

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- **Suggested potential topics**
  - Filters
  - Sampling theorem
  - Amplitude modulation
  - Gibbs phenomenon
  - LTI system with periodic inputs
  - Audio signal processing
  - Theories behind music
  - Time-frequency duality
  - Stability of LTI system
  - Discrete-time system
  - .....
  - Or some other relevant topics

# GRADING

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- **Grading**
  - Each poster is prepared and presented by a team of 2 or 3 students
    - Automatically assigned
  - The poster will be graded based on the following criterion (total: 25 points)
    - Format: 7 points
    - Contents: 10 points
      - Introduction and applications: 3 points
      - Theories and results: 5 points
      - Conclusions and references: 2 points
    - Presentation: 8 points
  - The poster will account for 6% of your final grade
    - All other grades (tests, homework, quiz, labs) will be scaled down by 94%

# TIMELINE

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- **Timeline**
  - Nov. 19 (Monday), 5 PM : choose a topic for your team. Submit the topic on blackboard.
  - Nov. 30 (Friday), 5 PM: submit your poster on blackboard.
  - Dec. 6 (Thursday), 12:30 – 1:45 PM: poster presentation