

## **SPEAKER**

Dr. Earl L. Pye is presently Director of Corrosion Laboratories at Cal Poly University, Pomona, where he was formerly Professor of Chemistry and Dean of Graduate Studies and Research. He is a Fellow of the National Science Foundation and the Institute for Advanced Systems Studies at Cal Poly, Pomona, a registered Professional Engineer in California, and a patent holder in the corrosion field. Dr. Pye has over twenty years consulting and expert witness experience, and has been President of CCS Control Systems since 1975. He has authored over fifty technical papers, and has presented more than 100 educational workshops and seminars.

### **For additional Information Call:**

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**College of Engineering**

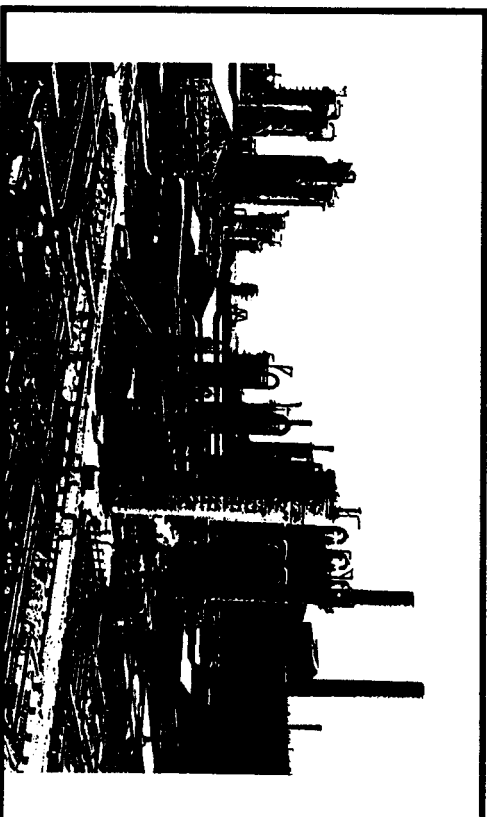
**McNeese State University**

**Phone: (318) 475-5875**

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## **NACE BASIC CORROSION COURSE**

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**Sponsored by  
Lake Area Industries/McNeese Engineering  
Partnership**

**September 15-17, 1993  
Business Conference Center  
McNeese State University Campus**

# NACE BASIC CORROSION COURSE

## ABOUT THE COURSE

This course is a basic survey of the theoretical and practical aspects of corrosion: what it is, how it occurs, and how it may be controlled.

## WHO SHOULD ATTEND?

The course is directed toward any person interested in a basic survey of corrosion including Engineers, Managers, Supervisors, Technicians, Salespersons and Inspectors.

## COURSE FEES

\$150 per individual for members of the Lake Area Industries/McNeese Engineering Partnership

\$450 per individual non-members.

Make checks payable to M.S.U. Foundation, Account No. 0123 and send to:

Dr. D. John Griffith  
McNeese State University  
P.O. Box 91735  
Lake Charles, LA 70605

Lunch will be provided on the premises. Cost included in course fee.

The course is limited to 40 participants.

## PROGRAM SCHEDULE

- Wednesday 8:00-8:30 Registration.
- Wednesday 8:00-4:00
- Thursday 8:00-4:00
- Friday 8:00-3:00

## COURSE TOPICS

- Introduction to Corrosion Concepts
- Electrochemistry and Corrosion Basic Review
- Basics of Electrochemistry, \*Anode and Cathode reactions, \*Electrochemical Cells, \*Polarization
- Environments
  - \*Industrial, \*Marine, \*Rural, \*Indoor,
  - \*Underground, \*Liquids, \*High Temperature
- Types of Corrosion, Tests, Control
  - \*General Attack, \*Localized Corrosion, \*Galvanic Corrosion,
  - \*Environmental Cracking, \*Velocity Phenomena, \*Fretting
  - \*Intergranular Corrosion, \*Dealloying, \*Micro. Biol. Induced
- Corrosion Detection, Monitoring, Testing
  - \*Traditional Methods, Recent Concepts
- Methods of Corrosion Control
  - \*Design, Material, Modification of Environment,
  - \*Electrochemical Methods, Coatings