Are you planning on taking NACE’s CP1 or CP2 class in the near future?

The Arizona Section of NACE will be hosting a free Tutorial for those registered for NACE’s CP1 or CP2. The CP1 Tutorial will be held on Thursday, January 16, 2020 and the CP2 Tutorial will be held the next day, Friday, January 17, 2020. Attendance historically has improved CP1 scores by 15 to 20 points!

Both Classes will be held at the City of Mesa Facilities in Mesa, Arizona, near 6th St and Mesa Drive. Hours will be from 8:00 AM until 4:00 PM.

Students enrolled for CP2 are encouraged to take the CP1 class as a refresher in Ohm’s Law and electrical circuits. Please note: it is NOT recommended for CP1 students to also take the CP2 class as it will be needlessly confusing.

The instructor for both classes is:

John Brodar P.E. (Mechanical, AZ and Corrosion, CA)
NACE 4066
Cathodic Protection Specialist
Protective Coatings Specialist
Corrosion Specialist

John has been teaching NACE’s formal CP1 class for over ten years and CP2 for several years. He has identified those areas where many students have difficulty. The Tutorial offers the opportunity to greatly expand the time available to study these subjects. These are not a general cathodic protection classes, they are strictly preparatory classes for students scheduled to take either of the NACE CP1 or CP2 classes.

If you would like to register for these classes, please contact John directly John.Brodar@Hotmail.com with the following information:

NAME
CLASS, CP1, CP2 OR BOTH CP1 AND CP2
E-MAIL ADDRESS
More detailed and specific information will be provided after students are registered.

Subjects for CP1 include:

- Casio FX-260 Calculator
- Basic Electricity for Success (Like you have never been taught before!)
  - Symbols
  - Series Circuits: Their Properties and How to Identify Them.
  - Parallel Circuits: Their properties and How to Identify Them.
  - Ed’s Nine Things
  - Ohm’s Law
    - E=IR
    - E=IR, I = E/R, R = E/I
    - Magic Triangle and Magic Circle
  - Matrix Method
  - What is IR Error
  - On minus Off
  - Off minus Native

Subjects for CP2 include:

- LAB 2: Zinc to CuSO₄ Conversions (see simple method!!!! First slide of 2015 LAB 5 & 6 for CP2.ppt)
- Two and Four Wire Current Span (2015 LAB 5 & 6 for CP2.ppt)
- Lab 5 Current Span * (2015 LAB 5 & 6 for CP2.ppt)
- Coating Conductance Calculations * (2015 LAB 5 & 6 for CP2.ppt)
- Soil Resistivity, Barnes Layer Method (2015 Resistivity CP2 Tutorial)
- Polarity Board
- Rectifiers: diode testing in situ (2015 Rectifiers CP2 Tutorial)
• Polarization (NACE CP 2 Manual)