Instructor Contact Information:
Theodore H. Dannerth, P.E.
Associate Professor/Practitioner Instructor
224 Engineering ‘A’ Unit

Office Hours: My position with the AE Department is part-time; my agreement requires me to be at PSU one day every two weeks, therefore, my availability is very limited. My schedule is indicated below under “Meeting Times”.

Contact Information: If you can’t make a class as scheduled, I recommend that you do one of the following:

1) Get the class notes from one of your classmates that is attending the class. The handouts will be posted to Angel.
2) Proceed with the work based on the handouts and your classmate’s notes.
3) If you have questions, do one of the following:
   a. You can always call me at one of two numbers (7:30am to 9:00pm) list above – call my home office number first (412-367-3617) – if you get a message, try my cell number (412-849-6975).
   b. You can email your questions, but please be aware that I do not always have access to email and, in some cases, it may be 2-3 days before I can get back to you if I’m out of town or out of the country. Email all questions/documents to: TDANNER@VERIZON.NET
   c. I do use instant messaging or text messaging.

Syllabus/Meeting Dates and Times:

Session 1 – Wednesday, September 1, 2010 - 6:30pm to 8:25pm
   Class 1 – Introduction, communication systems overview

Session 2 – Wednesday, September 8, 2010 - 6:30pm to 8:25pm
   Class 2 – Low voltage cabling
   Class 3 – Structured Cabling Systems

Session 3 - Wednesday, September 22, 2010 - 6:30pm to 8:25pm
   Class 4 – Voice/data systems overview
   Class 5 – Data systems

Session 4 - Wednesday, October 6, 2010 - 6:30pm to 8:25pm
   Class 6 – Data systems continued, field trip

Session 5 – Wednesday, October 13, 2010 - 6:30pm to 8:25pm
   Quiz #1
   Class 7 – Fire alarm systems
   Class 8 – CATV systems, CCTV and surveillance systems
   Class 9 – A/V systems and Video-Teleconferencing

Session 6 - Wednesday, October 20, 2010 - 6:30pm to 8:25pm
   Class 10 – Intrusion detection systems
Class 11 – Access control systems

Session 7 – Wednesday, October 27, 2010 - 6:30pm to 8:25pm
   Quiz #2
   Class 12 – Intercom systems, demonstration

Session 8 - Wednesday, November 17, 2010 - 6:30pm to 8:25pm
   Class 13 - Nurse call systems, healthcare systems, demonstration
   Class 14 – Integrated systems

Session 9 – Wednesday, December 1, 2010 - 6:30pm to 8:25pm
   Class 15 – Miscellaneous communication systems and non-communication type systems
   Class 16 – second exam

Recommended Text: The 2011 National Electrical Code (NEC) is preferred, but the 2008 NEC is acceptable. There are no other text books required. Manufacturer’s catalogs will be handed out during classes.

Meeting Locations: the scheduled meeting location is 112 Engineering Unit B. An email will be sent to you several days before the each class reminding you of the class date, time and location.

Office Hours: You may schedule a meeting in my office for the dates listed below. I will post a schedule of available hours several days before the dates listed below. The schedule will be posted to the “Y” drive under the folder “AE 482 – Electrical Consultation”.

   Wednesday, September 1 – Class Session 1
   Thursday, September 2 – Individual meetings with students

   Wednesday, September 8 – Class Session 2 and Individual meetings with students
   Friday, September 9 - Individual meetings with students

   Wednesday, September 22 – Class Session 2 and Individual meetings with students
   Thursday, September 23 – Individual meetings with students

   Wednesday, October 6 – Class Session 4 and individual meetings with students
   Thursday, October 7 – Individual meetings with students

   Wednesday, October 13 – Class Session 5 and individual meetings with students
   Thursday, October 15 – Individual meetings with students

   Wednesday, October 20 – Class Session 6 and individual meetings with students
   Thursday, October 21 – Individual meetings with students

   Wednesday, October 27 – Class Session 7 and individual meetings with students
   Thursday, October 28 - Individual meetings with students

   Wednesday, November 17 – Class Session 8 and individual meetings with students
   Thursday, November 18 - Individual meetings with students

   Wednesday, December 2 – Class Session 8 and individual meetings with students
   Thursday, December 3 - Individual meetings with students

Grading - Your final grade in this course will be based on the following:
1. **Attendance - 30% of final grade**
   a. Attendance will be taken starting next class - Wednesday, September 8
   b. Miss zero sessions; 100%
   c. Miss one session; 90%
   d. Miss two sessions; 70%
   e. Miss three sessions; 50%

2. **Quizzes 40%**
   a. There will be a total of 2 quizzes, worth 20% each

3. **Final Test 30%**
   a. The final test will be comprehensive
   b. The test will be given during the last session (Wednesday, December 1, 2010)

**Special Fall 2010 Flu Protocols**

In compliance with Pennsylvania Department of Health and Centers for Disease Control recommendations, students should NOT attend class or any public gatherings while ill with influenza. Students with flu symptoms will be asked to leave campus if possible and to return home during recovery. The illness and self-isolation period will usually be about a week. It is very important that individuals avoid spreading the flu to others.

Most students should be able to complete a successful semester despite a flu-induced absence. Faculty will provide students who are absent because of illness with a reasonable opportunity to make up missed work. Ordinarily, it is inappropriate to substitute for the missed assignment the weighting of a semester’s work that does not include the missed assignment or exam. Completion of all assignments and exams assures the greatest chance for students to develop heightened understanding and content mastery that is unavailable through the weighting process. The opportunity to complete all assignments and exams supports the university’s desire to enable students to make responsible situational decisions, including the decision to avoid spreading a contagious virus to other students, staff, and faculty, without endangering their academic work.

Students with the flu do not need to provide a physician’s certification of illness. However, ill students should inform their teachers (but not through personal contact in which there is a risk of exposing others to the virus) as soon as possible that they are absent because of the flu. Likewise students should contact their instructors as quickly as possible to arrange to make up missed assignments or exams.