CSE Curriculum Committee
Agenda Summary
April 23, 2013

Full agenda is on the web site:  http://www.aem.umn.edu/~shield/csecc/

1. Approval of December 4, 2012 meeting Minutes – see web site.
2. Tentative Meeting Schedule for 2013-14 – watch web site for final schedule
   a. 2:30 on Tuesday 2013-9-17 in 105Q Lind
   b. 2:30 on Tuesday 2013-12-3 in 105Q Lind
   c. 2:30 on Tuesday 2014-2-4 in 105Q Lind
   d. 2:30 on Tuesday 2014-4-22 in 105Q Lind
3. Kirk Froggatt: MOT 4001 and the Gemini Project workshops
4. Items for Information only (already approved in ECAS):
   a. See web site
5. Items for Approval without Objection (already approved in ECAS):
   a. AEM 4303W - Flight Dynamics and Control: drop one credit (moved into 3101 – see BAEM program change on web site)
   b. CE 4562 - Environmental Remediation Technology: reactivate
   c. CHEN 3005 - Transport Phenomena: Momentum and Heat: prerequisite MATH 2373 added
   d. CHEN 3101 - Chemical Engineering Thermodynamics: prerequisite MATH 2373 added
   e. ESCI 3425 - Atmospheric Composition and Chemistry: New title: Atmospheric Pollution: From Smog to Climate Change
   f. IE 5441 - Financial Decision Making: updated description
6. Action Items (new course syllabi are on separate handouts):
   a. New Course: CSCI 1933 - Introduction to Algorithms and Data Structures
   b. New Course: CSCI 2041 - Advanced Programming Principles
   c. New Course: CSCI 4611 - Programming Interactive Computer Graphics and Games (replacement for 4107)
   d. New Course: CSCI 5611 - Animation & Planning in Games
   e. New Course: CSCI 5619 - Virtual Reality and 3D Interaction
   f. New Course: CSCI 5715 - From GPS and Virtual Globes to Spatial Computing
   g. Renumber course: IE 4521 - Statistics, Quality, and Reliability to IE 3521. The BISyE program will also then be dropping STAT 3021 as a requirement and replacing it with 3521. This course is also required for BME and they approve of the change.
      i. **IE 4521 description**: Random variables/probability distributions, statistical sampling/measurement, statistical inferencing, confidence intervals, hypothesis testing, single/multivariate regression, design of experiments, statistical quality control, quality management, reliability, maintainability, availability.
      ii. **STAT 3021 description**: Elementary probability, probability distributions. Sampling, elements of statistical inference. Regression.
   h. Update prerequisites: IE courses that require STAT 3021 to require IE 3521 (3522, 3553, 4011, 4041, 4551)
   i. New Course: ME 5465 - Energy-Resources, Technology and Society (has provisional approval)
7. New Business
8. Adjourn