Bachelor of Science in Mechanical Engineering

- CSM’s new Department of Mechanical Engineering will offer a new Bachelor of Science in Mechanical Engineering degree (BSME) starting Fall Semester 2012
  - The degree has been approved by all the necessary campus committees, the state and the Board of Trustees

- This degree is different from the existing B.S. in Engineering – Mechanical Specialty degree (BSE-Mechanical)
  - The BSME will have one fewer course than the BSE-Mechanical (no Info Systems)
  - The BSME will require a different math course (MATH 307 Numerical Methods) instead of Adv. Engr. Math (MATH 348)
  - See below for the explicit differences

- Will the new degree be accredited?
  - The BSE-Mechanical is currently accredited by ABET and its accreditation status is expected to continue (we are up for re-accreditation in fall 2012)
  - The new BSME degree will not initially be accredited as it is a new degree
  - CSM will seek ABET accreditation of the new BSME degree in Fall 2013 and if successful all graduates who receive the new degree in May 2013 and after would be considered to have an accredited degree.
  - Students in the new degrees can sit for the EIT (FE) exam.

- Should I consider this new degree if it is approved?
  1. If you plan to graduate in August or December 2012, you should stay in your existing BSE-Mechanical program.
  2. Otherwise, yes!

- What if I want to enroll in the new BSME degree? We are recommending two paths:
  1. If you plan to graduate after May 2014, you should just stay in your existing BSE-Mechanical degree and “wait-and-see” how things go with the new degree and then switch if you wish once you see it is approved and accredited.
  2. If you plan to graduate from May 2013 to May 2014 and want the new BSME degree we recommend that you take the classes needed for both degrees: the BSE-Mechanical and the new BSME.
  3. Note: you will not be allowed to receive both degrees. You will have to pick one or the other. You would not need to decide until very close to graduation.

- What if I pursue the new degree and it is not successfully accredited?
  - In the event accreditation fails, students who were awarded the new BSME degree but also met the requirements of the existing accredited BSE-Mechanical degree will be allowed to request that their BSME degree be rescinded and they will then be awarded the existing (accredited) BSE-Mechanical degree.

- What do I need to do to meet the requirements for both the BSE-Mechanical and the new BSME?
  1. Complete your existing flowchart for the BSE-Mechanical
  2. Take MATH 407 Scientific Computing (Fall 2012).