1. **Submitting College:** COST

2. **Department(s) Generating The Proposal:** Engineering Technology & Mathematics
   Engineering Technology & Mathematics (if needed)

3. **Proposal Title:** GTREP Related Course Deletions

4. **Course Number(s):** CSCI 1501K(Computing For Engineers I), ENGR 1161K(Computing For Engineers and Scientists), and CSCI 1502K(Computing For Engineers II)

5. **Course Title(s):** see above

6. **Effective Date:** Spring Year: 2012

7. **Brief Summary of Proposal:** This proposal is being submitted to delete courses associated with the GTREP program that are no longer being used.

8. **Type of Proposal:** Course Change If other, please describe: Click here to enter text.

9. **Impact on Library Holdings**
   - Existing: Click here to enter text.
   - Additional: Click here to enter text.
   - Deletions: Click here to enter text.

10. **Impact on Existing Programs:** Click here to enter text.

11. **Additional Resources Required**
    - Personnel: Click here to enter text.
    - Non-personnel: Click here to enter text.

12. **Approvals:**
    - Department Curriculum Committee
      Signature_________________________ Date________________
    - Department Chair
      Signature_________________________ Date________________
    - College Curriculum Committee
      Signature_________________________ Date________________
    - College Dean
      Signature_________________________ Date________________
    - Vice President of Academic Affairs
      Signature_________________________ Date________________
      (Chair of the New Programs and Curriculum Committee)
    - Faculty Senate
      Signature_________________________ Date________________
1. **Course Number:** CSCI 1501K

2. **Course Title:** Computing For Engineers I

3. **Catalog Description:** This course presents the conceptual foundations and limitations of computing with design construction analysis of algorithms, and data structures. The course prepares students wherein they will be able to show evidence of adequate performance with respect to design and construct algorithms, and data structures, to solve problems in a high level (pseudo) language. Emphasis will be given on the manipulation of complex data structures, recursive and iterative algorithms, and designs of algorithm with high levels of modularity and object-oriented approaches. (2-3-3)

4. **Rationale:** Course was used in the early phase of the GTREP program and is no longer required.

5. **Library Resource Deletions:** Click here to enter text.
1. **Course Number:** CSCI 1502K

2. **Course Title:** Computing For Engineers II

3. **Catalog Description:** Introduction to techniques and practices for implementing algorithms. Emphasis on professional software practices. Projects focus on interactive and computationally intensive programs, including large program management. *(2-3-3)*

4. **Rationale:** Course was used in the early phase of the GTREP program and is no longer required.

5. **Library Resource Deletions:** Click here to enter text.
1. **Course Number:** ENGR 1161K

2. **Course Title:** Computing For Engineers and Scientists

3. **Catalog Description:** Foundations of computing with an emphasis on design and implementation of algorithms that complement and support engineering problem solving. *(2-3-3)*

4. **Rationale:** Course was used in the early phase of the GTREP program and is no longer required.

5. **Library Resource Deletions:** Click here to enter text.