1. **Course number and name**  
   CptS 486: Gerontechnology II

2. **Credits and contact hours**  
   3 credits, 3 lecture hours

3. **Instructor’s or course coordinator’s name**  
   Diane Cook

4. **Textbook, title, author, and year**  

5. **Specific course information**  
   a. **Catalog description**: Advanced study and research in the field of Gerontechnology.
   b. **Prerequisites or corequisites**: Certified major in CptS, CptE, or EE.

6. **Specific goals for the course**  
   Following completion of this course, students will:  
   - identify professional, ethical, legal, security, and social dimensions of a decision or action and its potential impacts on the individual, company/organization, and public (4a).
   - effectively communicate in oral presentations (3a, 3b, 3c, 3d, 3e, 3f).
   - effectively communicate in oral presentations (3a, 3b, 3c, 3d, 3e, 3f).
   - effectively communicate reasoning and rationale in written documents (3a, 3b, 3c, 3d, 3e, 3f).
   - carefully listen to others and provide others with constructive feedback (5g).
   - function effectively as part of a team (5b, 5c, 5d, 5e, 5f).
   - effectively manage team projects (5a, 5c, 5d).

7. **Brief list of topics to be covered**  
   - Sensor app design
   - Mild cognitive impairment and dementia
   - Ethics and caregiver issues
   - Chronic health conditions
   - Intellectual property
   - Teamwork
   - Project management