## Proposal Form For Addition And Revision Of Courses

1. **Proposing College / School:** Samuel Ginn College of Engineering  
   **Department:** Electrical & Computer Engineering

2. **Course Prefix and Number:** ELEC 5120  
   **Effective Term:** Fall 2012

4. **Course Title:** Telecommunication Networks

5. **Requested Action:**  
   - [ ] Renumber a Course  
   - [ ] Add a Course  
   - [ ] Revise a Course

6. **Course Credit:**  
   - **Contact/Group Hours:**  
   - **Scheduled Type:** Lecture  
   - **Weekly or Per Term?**  
   - **Credit Hours:**  
   - **Anticipated Enrollment:**

   - **Maximum Hours (Repeatability):** 3

7. **Grading Type:**  
   - [ ] Regular (ABCDF)  
   - [ ] Satisfactory/Unsatisfactory (S/U)  
   - [ ] Audit

8. **Prerequisites/Corequisites:**  
   **P:** ELEC 3400

9. **Restrictions:**  
   List specific restriction in space above.  
   - [ ] College  
   - [ ] Major  
   - [ ] Standing  
   - [ ] Degree

10. **Course Description:**  
    (20 Words or Less; exactly as it should appear in the Bulletin)  
    Principles and building blocks of telecommunication systems, including switched telephone networks, voice and data networks, transmission technologies, and switching architectures.

11. **May Count Either:**  
    (Indicate if this particular course cannot be counted for credit in addition to another)

12. **Affected Program(s):**  
    (Respond “N/A” if not included in any program; attach memorandum if more space is required)

    | Program Type | Program Title | Requirement or Elective? |
    |--------------|---------------|--------------------------|
    | major        | BS WIRE (Network Option) | required |
    | major        | BS in ELEC, ECPE, WIRE(hardware) | elective |

13. **Overlapping or Duplication of Other Units’ Offerings:**  
    (If course is included in any other degree program, is used as an elective frequently by other unit(s), or is in an area similar to that covered by another college/school, attach correspondence with relevant unit)

    - [ ] Applicable
    - [ ] Not Applicable
14. Justification:

(update bulletin description)

(Include a concise, yet adequate rationale for the addition/revision of the course, citing accreditation, assessments (faculty, graduate, and/or external) where applicable)

15. Resources:

(Indicate whether existing resources such as library materials, classroom/laboratory space, and faculty appointments are adequate to support the proposed addition/revision; if additional resources are required, indicate how such needs will be met, referencing the appropriate level of authorization -- i.e.: Dean -- where necessary; if no additional resources or shifting of resources will be necessary, respond "Not Applicable")

16. Student Learning Outcomes:

(State in measurable terms (reflective of course level) what students should be able to do when they have completed this course)

17. Course Content Outline:

(Provide a comprehensive, week-by-week breakdown of course content, including assignment due dates)

18. Assignments / Projects:

(List all quizzes, projects, reports, activities and other components of the course grade -- including a brief description of each assignment that clarifies its contribution to the course's learning objectives)

19. Rubric and Grading Scale:

(List all components of the course grade -- including attendance and/or participation if relevant -- with point totals for each; indicate point totals and ranges or percentages for grading scale; for S/U grading, detail performance expectations for a passing grade)

20. Justification for Graduate Credit:

(Include a brief statement explaining how the course meets graduate educational standards (i.e.: rigorous standards for evaluation, development of critical thinking and analytical skills, etc.))

(Included below are standard statements regarding course policies. If necessary, a statement may be altered to reflect the academic policies of individual faculty members and/or the academic unit or department, provided that there is no conflict with the Tiger Cub, Faculty Handbook, or any existing university policy.)

POLICY STATEMENTS

Attendance: Although attendance is not required, students are expected to attend all classes, and will be held responsible for any content covered in the event of an absence.

Excused Absences: Students are granted excused absences from class for the following reasons: illness of the student or serious illness of a member of the student's immediate family, the death of a member of the student's immediate family, trips for student organizations sponsored by an academic unit, trips for university classes, trips for participation in intercollegiate athletic events, subpoena for a court appearance, and religious holidays. Students who wish to have an excused absence from class for any other reason must contact the instructor in advance of the absence to request permission. The instructor will weigh the merits of the request, and render a decision. When feasible, the student must notify the instructor prior to the occurrence of any excused absences, but in no case shall such notification occur more than one week after the absence. Appropriate documentation for all excused absences is required. Please see the Tiger Cub for more information on excused absences.

Make-Up Policy: Arrangement to make up a missed major examination (e.g.: hour exams, mid-term exams) due to properly authorized excused absences must be initiated by the student within one week of the end of the period of the excused absence(s). Except in unusual circumstances, such as the continued absence of the student or the advent of university holidays, a make-up exam will take place within two weeks of the date that the student initiates arrangements for it. Except in extraordinary circumstances, no make-up exams will be arranged during the last three days before the final exam period begins.

Academic Honesty Policy: All portions of the Auburn University student academic honesty code (Title XII) found in the Tiger Cub will apply to university courses. All academic honesty violations or alleged violations of the SGA Code of Laws will be reported to the Office of the Provost, which will then refer the case to the Academic Honesty Committee.

Disability Accommodations: Students who need special accommodations in class, as provided for by the Americans With Disabilities Act, should arrange for a confidential meeting with the instructor during office hours in the first week of classes (or as soon as possible if accommodations are needed immediately). The student must bring a copy of their Accommodation Letter and an Instructor Verification Form to the meeting. If the student does not have these forms, they should make an appointment with the Program for Students with Disabilities, 1288 Haley Center, 844-2096 (V/TT).
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<thead>
<tr>
<th>Old Bulletin Description</th>
<th>Proposed Revised Bulletin Description</th>
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<tr>
<td>ELEC 2220 COMPUTER SYSTEMS (3) LEC. 3. Pr., ELEC 2210 or ELEC 2200 Computer hardware and software organization, processor programming models, data representation, assembly language programming, design of memory systems, input and output device interfacing and programming and multiprocessing.</td>
<td>ELEC 2220 COMPUTER SYSTEMS (3) LEC. 3. Pr., ELEC 2200 Computer hardware/software organization, processor programming models, assembly language programming, design of memory systems, I/O device interfacing and programming, multiprocessing.</td>
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