NEW COURSE PROPOSAL

**GRADUATE** Level I (Masters & Phd courses) Level II (Phd courses) **UNDERGRADUATE X**

**SCHOOL, DEPARTMENT, COLLEGE**: College of Engineering, ChBE and ME **DATE:** April 2016

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| 1. Proposed Subject Code & Course Number:   (Verify with Registrar's Office) ME 4720 | | | | | | | | | | 2. Hours: *LECTURE 3 LAB/RECITATION 0 SEMESTER CREDIT 3*  *Is this course repeatable for credit? \_\_\_No\_\_\_\_* | | | | | | | | | | | | | | | |
| 3. Descriptive Title:  Pulp and Paper Manufacturing | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Recommended Abbreviation for Transcript – (24 characters including spaces): | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | U | L | P |  | P | A | P | E | | R |  | M | A | N | U | F | A | | C | T | U | R | I | N | G |
| 5. Catalog Description – (25 words or fewer) The course provides comprehensive foundational knowledge of the industry enabling the student to understand the role of diverse manufacturing operations and to strategically plan improvements. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Preferred Grade Basis: ALL L/G P/F Audit  (Note: The default is all grade modes allowed. If this is not preferred for this course, please explain why that is the case.) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. Prerequisites: (For graduate level courses, Graduate Standing or Permission of Instructor is assumed):  ChBE 3130 or ME 3322  Prerequisites with concurrency:  Corequisites: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. Has the course been taught as a special topic? No If YES, When Enrollment | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is this course equivalent to another course (graduate or  undergraduate) taught at Ga. Tech? If yes, list course number(s): Material is equivalent to ChBE/ME 6741 Pulp and Paper Manufacturing I, however assessment criteria differs for undergraduate and graduate expectations | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. For undergraduate courses, are you requesting that this course satisfy:   Humanities \_\_\_\_\_ Social Science \_\_\_\_\_\_ Ethics \_\_\_\_\_ Global Perspective \_\_\_\_\_\_ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. Expected Mode of Presentation: | | | | | | | | | *MODE* | | | | | | | | | *% of COURSE* | | | | | | | |
| * Lecture | | | | | | | | | Lecture | | | | | | | | | 100% | | | | | | | |
| Discussion | | | | | | | | |  | | | | | | | |
| Seminar | | | | | | | | |  | | | | | | | |
| Demonstration | | | | | | | | |  | | | | | | | |
| Other (Specify) | | | | | | | | |  | | | | | | | |
| * Lab/Recitation | | | | | | | | | Supervised | | | | | | | | |  | | | | | | | |
| Unsupervised | | | | | | | | |  | | | | | | | |
| 12. Planned Frequency of Offering: | | | | | | | | | *TERM TO BE OFFERED* | | | | | | | | | *EXPECTED ENROLLMENT* | | | | | | | |
|  | | | | | | | | | Fall | | | | | | | | | 10-80 | | | | | | | |
|  | | | | | | | | | Spring | | | | | | | | |  | | | | | | | |
|  | | | | | | | | | Summer | | | | | | | | |  | | | | | | | |
| 1. Probable Instructor(s) – *Please mark with an asterisk any non-tenure track individuals: Dr. Chris Luettgen\*; Dr. Sandra Pettit\** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Purpose of Course: Relation to other courses, programs and curricula: A technical elective offered to ChBE and ME undergraduate students leading toward the completion of the Pulp and Paper Certificate program. This serves as the foundations course for pulp and papermaking technologies | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15. Required No Elective Yes | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16. Submit a course syllabus - ATTACHED | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17. Can the class count toward degree requirements at Georgia Tech? Yes | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18. Is this class restricted to Free Elective only? No | | | | | | | | | | | | | | | | | | | | | | | | | |

Registrar 2/13