NEW COURSE PROPOSAL

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

**SCHOOL, DEPARTMENT, COLLEGE**: Vertically Integrated Projects Program **DATE:** 8/10/2017

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| 1. Proposed Course Number: VIP 3603   (Verify with Registrar's Office) | | | | | | | | | | 2. Hours: *LECTURE 1 LAB/RECITATION 6 SEMESTER CREDIT 3*  *Is this course repeatable for credit? \_\_\_Yes\_\_\_\_* | | | | | | | | | | | | | | | | |
| 3. Descriptive Title: Vertically Integrated Project: Multidisciplinary project-based team, junior level | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Recommended Abbreviation for Transcript – (24 characters including spaces): | | | | | | | | | | | | | | | | | | | | | | | | | | |
| V | I | P |  | P | R | O | J |  | | | T | E | A | M | : | J | R |  | | I | I | I |  |  |  |  |
| 5. Catalog Description – (25 words or less)  Multidisciplinary course supporting faculty research. Can participate multiple semesters. Students will have foundations within discipline, pursue needed knowledge/skills, make meaningful contributions, and assume technical/leadership responsibilities. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Basis: L/G  ~~P/F~~  ~~Audit~~ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. Prerequisites: Junior standing is required, but sophomores may be accepted with approval from director or instructor.  Prerequisites with concurrency: NA Corequisites: NA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. Has the course been taught as a special topic? No. It has been offered for 1-2 credits, but not for 3. When: Enrollment: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Is this course equivalent to another course (graduate or undergraduate) taught at Ga. Tech? If yes, list course number(s): No | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. For undergraduate courses, are you requesting that this course satisfy:   Humanities No Social Science No Ethics No | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. Expected Mode of Presentation: | | | | | | | | | *MODE* | | | | | | | | | | *% of COURSE* | | | | | | | |
| * Lecture | | | | | | | | | Lecture | | | | | | | | | | 7% | | | | | | | |
| Discussion | | | | | | | | | | 23% | | | | | | | |
| Seminar | | | | | | | | | |  | | | | | | | |
| Demonstration | | | | | | | | | | 3% | | | | | | | |
| Other (Specify) | | | | | | | | | |  | | | | | | | |
| * Lab/Recitation | | | | | | | | | Supervised | | | | | | | | | |  | | | | | | | |
| Unsupervised | | | | | | | | | | 67% | | | | | | | |
| 12. Planned Frequency of Offering: | | | | | | | | | *TERM TO BE OFFERED* | | | | | | | | | | *EXPECTED ENROLLMENT* | | | | | | | |
|  | | | | | | | | | Fall | | | | | | | | | | TBD | | | | | | | |
|  | | | | | | | | | Spring | | | | | | | | | | TBD | | | | | | | |
|  | | | | | | | | | Summer | | | | | | | | | | 0 | | | | | | | |
| 1. Probable Instructor(s) – *Please mark with an asterisk any non-tenure track individuals.*   Please see attached list | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Purpose of Course: Relation to other courses, programs and curricula:   The Vertically Integrated Projects (VIP) Program unites undergraduate education and faculty research in a team-based context. Students apply knowledge and skills from their disciplines; acquire/develop new knowledge and skills within and beyond their own disciplines; experience different roles on a large multidisciplinary design/discovery team; learn and practice professional skills; and make substantial contributions to large-scale projects. The long-term nature of VIP creates an environment of mentorship, with faculty and graduate students mentoring teams, experienced students mentoring new members, and students moving into leadership roles as others graduate. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15. Required Elective \_ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16. Submit a course syllabus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17. Can the class count toward degree requirements at Georgia Tech? Yes, seventeen academic majors currently have policies on how VIP courses count toward their degrees. This includes free electives, breadth electives, in-major electives, and options for Junior Design and Senior Design. A current listing is available at http://www.vip.gatech.edu/how-vip-credits-count . | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18. Is this class restricted to Free Elective only? No | | | | | | | | | | | | | | | | | | | | | | | | | | |

Registrar 03/16

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