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| **ELEMENT** | **CONTENT** |
| DEPARTMENT | CIS |
| AUTHOR (S) | Craig Damon |
| COURSE NUMBER | **CIS 6721** |
| COURSE TITLE | **Master’s Project** |
| SHORT TITLE | Master’s Project |
| COURSE LEVEL | 6000 |
| DATE CREATED | 11/28/2012 |
| CHECKED/CHANGED | 2/6/2017 |
| PREREQUISITES |  |
| COREQUISITES |  |
| RESTRICTIONS | Department permission; graduate standing |
| SPECIAL FEES | No |
| CREDITS | 1-6 |
| HOURS | 1-6 hours of project lab per week |
| SEMESTER | As required |
| COURSE DESCRIPTION | This course supports a significant practical individual or small group project taken to completion and then presented to the community. |
| SUGGESTED TEXTS |  |
| OPTIONAL TEXTS |  |
| COURSE OUTCOMES | The successful student will be able to:   1. Conceive and clarify the definition for a software product 2. Plan for and design a software product 3. Implement, test, and polish a software product |
| COURSE CONTENT | The project will consist on work on a significant software project under the direction of a faculty advisor. The student will work on all aspects of the development process, finishing with a commercial quality product. Where appropriate, this project may be done in conjunction with the student’s employer. The student will make three presentations open to the VTC community:   1. the product concept 2. the detailed designs 3. demonstrating the final product |
| LAB/STUDIO OUTCOMES |  |
| LAB/STUDIO CONTENT |  |
| LECTURE CAPACITY |  |
| LAB CAPACITY | 16 |
| GRADED OR P/NP | Graded |
| EVALUATION | Final product, three presentations |
| DELIVERY METHOD | LAB |
| ROOM REQUIREMENTS |  |
| AUTHOR’S NOTES | This course may be repeated for credit until the project is complete. A minimum of 6 total credits of project is required. |