Course Approval Form

Action Requested:  
☐ Create new course  ☐ Inactivate existing course  
☐ Modify existing course (check all that apply)  
☐ Title  ☐ Prereq/coreq  ☐ Repeat Status  ☐ Grade Type
☐ Credits  ☐ Schedule Type  ☐ Restrictions
☐ Other:

Course Level:  
☐ Undergraduate  ☐ Graduate

College/School:  
VSE

Department:  
Computer Science

Submitted by:  
Sanjeev Setia
Ext:  3-4098
Email:  setia@gmu.edu

Subject Code:  
CS

Number:  
657

Effective Term:  
☐ Fall  ☐ Spring  ☐ Summer

Year:  2015

Title:  
☐ Current  ☐ New

Banner (30 characters max including spaces)  
Mining Massive Datasets with MapReduce

New

Credits:  
☐ Fixed or  ☐ Variable

Repeat Status:  
☐ Not Repeatable (NR)  ☐ Repeatable within degree (RD)  ☐ Repeatable within term (RT)

Maximum credits allowed:

Grade Mode:  
☐ Regular (A, B, C, etc.)  ☐ Satisfactory/No Credit  ☐ Special (A, B C, etc. +IP)

Schedule Type:  
☐ Lecture (LEC)  ☐ Lab (LAB)  ☐ Recitation (RCT)  ☐ Internship (INT)

☐ Independent Study (IND)  ☐ Seminar (SEM)  ☐ Studio (STU)

Prerequisite(s):  
CS 584. Prerequisite enforced by registration system.

Corequisite(s):

Restrictions Enforced by System:  
Major, College, Degree, Program, etc. Include Code.

Are there equivalent course(s)?
☐ Yes  ☐ No

If yes, please list:

Catalog Copy for NEW Courses Only (Consult University Catalog for models)

Description (No more than 60 words, use verb phrases and present tense)  
This course is being created to renumber CS 757; the catalog description and course requirements are identical to CS 757.

Notes (List additional information for the course)  
Note: prerequisite change due to renumbering.

Indicate number of contact hours:  
Hours of Lecture or Seminar per week:  
Hours of Lab or Studio:  

When Offered: (check all that apply)  
☐ Fall  ☐ Summer  ☐ Spring

Approval Signatures

Sanjeev Setia  11/7/14

Department Approval  
College/School Approval

If this course includes subject matter currently dealt with by any other units, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.

For Graduate Courses Only

Graduate Council Member  
Provost Office  
Graduate Council Approval Date

For Registrar Office’s Use Only:  
Banner_____________________________Catalog________________________________

revised 11/8/11
### Prerequisite Hard-coding Request Form

**To Establish New or Existing Course Hard-coding, Or Hard-code Removal.**

**College/School:** VSE  
**Department:** Computer Science  
**Submitted by:** Sanjeev Setia  
**Ext:**  
**Email:**  
**Action Needed:**  
- [X] Implement Hard-coding  
- [ ] Remove Hard-coding  
**Subject Code:** CS  
**Number:** 657  
**Effective Term:**  
- [X] Fall  
- [ ] Spring  
- [ ] Summer  
**Year:** 2015  

---

**Do not list multiple courses. Each course must have a separate form.**

---

**Prerequisites to be hard-coded:** (must match course prerequisites as approved on Course Approval Form)

- CS 584

---

**Requirements for Hard-coded Prerequisites:**

- Prerequisites must be a specific course or list of courses that must be taken before registering for a course. Also include transfer equivalents (i.e. IT U103) if applicable and if the prerequisite has been renumbered, include both the new and original course number. General statements (i.e. 40 credits or permission of instructor) cannot be hard-coded into Banner.

- A minimum grade (i.e. C or better) is required for each prerequisite. If not indicated, the default grades are C for undergraduate and B- for graduate level. An ‘IN’ grade does not satisfy the prerequisite check.

---

**Features of Prerequisite Checking:**

- **A student cannot register** for the section if the hard-coded prerequisite is not in their academic history OR the student did not earn the minimum grade required by the prerequisite.

- **A student can register** for the section if the student has the hard-coded prerequisite with the minimum grade in their academic history OR has been awarded transfer credit for the prerequisite OR the prerequisite is in progress. PLEASE NOTE: If the student later receives a grade below the minimum grade coded for the prerequisite(s), the system will not go back and re-evaluate the registration. See third bullet point below.

---

**Unit Responsibilities:**

- Units are responsible for maintaining accurate prerequisites. A signed Course Approval form is required for any prerequisite change.

- Issuing overrides should be centrally managed when possible. To override the prerequisite checking error, a registration override code (PQTEST) is required. Units will need to communicate with faculty to let them know that they are not allowed to use this override code if that process is to be managed by selected staff.

- The unit is responsible for emailing regsite@gmu.edu with a list of students who need to be dropped from the courses for not receiving minimum required grades. Instructions for identifying these students via a Banner script may be obtained by emailing requests@gmu.edu.

---

The Registrar’s Office will not maintain the prerequisite checking feature if a department fails to meet the requirements established for its use.

**I understand the responsibilities listed above and agree to the equitable application of the prerequisite checking feature:**

---

**Department Chair/Program Director**  
**Date**