Completion Review Form - Graduate Certificate in High Performance Computing
Computational Mathematics, Science & Engineering

Name: _____   PID: A _____

Program Code / Name: #8087 / High Performance Computing Graduate Certificate _____

For Graduate Certificate Requirements, please see: https://cmse.msu.edu/academics/graduate-program/grad-certificates/high-performance-computing/

Proof of Course Completion: In the table below, please indicate that you have a minimum of 9 credits of coursework and list the semester in which you successfully passed each course. Attach a printout from Stuinfo to this form that shows completion of the required courses and their grades. *Conferral of this credential requires a cumulative GPA of 3.0 in the 9 credits of coursework,* with no course having a grade below 2.0. Upon verification that all requirements have been met, the program code will be marked as conferred on your student record. (Note that this certificate can be conferred prior to the completion of your graduate degree.) This form must be completed and filed with the CMSE graduate secretary for this certificate to be listed on your transcript.

Note that credit from courses whose focus is largely or primarily an introduction to programming and/or basic numerical methods (i.e., CMSE 801, CMSE 802, CSE 801, or other comparable courses) will not count for credit toward this certificate. In addition, 400-level computational coursework may not count for credit toward this certificate without the **prior permission** of the CMSE graduate director. The primary circumstance where a 400-level course may be acceptable for credit toward this certificate program is when an equivalent 800-level course is unavailable (e.g., a highly specialized 400-level combined undergraduate and graduate course.) Students that have questions about any particular course are strongly encouraged to consult the CMSE Graduate Director (cmsegrad@msu.edu) prior to taking said course. The two categories of courses include:

Graduate Certificate in High Performance Computing	Semester Completed
1. CMSE-822/CSE-822: Parallel Computing (3 credits) ____	**_____**
2. Two or more additional courses comprising a minimum of six credits, which may include further CMSE courses at the 800 level or above, courses from an approved list of non-CMSE courses (found in the CMSE graduate handbook), or any other 800- or 900-level computational science or data science-focused courses as approved by the CMSE graduate advisor (6 or more credits). If you wish to use a 400-level course toward this graduate certificate, please attach the email indicating approval of this course by the CMSE graduate director to this form. Please list the Course Number(s)/Course Name(s)/Credits: _____ _____ _____	**Semester Completed** _____ _____ _____

Additional Notes:

(Please see page 2 for required signatures)

Student: I attest that the information provided on this form is accurate.

_____   _____
Student Signature   Date

Primary Program Advisor: I have reviewed the courses that this student has taken and, based on this review, affirm that they are eligible for conferral of the Graduate Certificate in High Performance Computing.

_____   _____
Program Advisor Signature   Date

After acquiring the signatures listed above please forward this form to the CMSE Secretary, Heather Johnson, at #1501 Engineering Building or <u>john1451@msu.edu</u>. She will acquire the signatures listed below.

CMSE Program Director signature on this form certifies that the student has met all of the requirements for the Graduate Certificate.

_____   _____
CMSE Program Director   Date

_____   _____
Associate Dean, College of Engineering   Date

Registrar's Office: When all signatures appear, we certify that this student has successfully completed all of the requirements to confer the High Performance Computing Graduate Certificate (code #8087).

Dean's Office Notes: DO sends final document to RO.

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For CMSE Department Use Only

Requested Conferral w/ EGR College Dean's Office: _____
Conferred on Student Record in SIS: _____
Updated Certificate Database: _____

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