Completion Review Form - Graduate Certificate in Computational Modeling
Computational Mathematics, Science & Engineering

Name: _____   PID: A _____

Program Code / Name: #8086 / Computational Modeling Graduate Certificate

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

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 with grades of 2.0 or higher. *Conferral of this credential requires a cumulative GPA of 3.0 in the three required courses.* Upon verification that all requirements have been met, the program code will be marked as conferred on your student record. (This certificate can be conferred prior to your graduate degree completion) This form must be completed and filed with the CMSE graduate secretary for this certificate to be listed on your transcript.

Graduate Certificate in Computational Modeling	**Semester Completed**
1. Any **two** of the CMSE core graduate courses (6 credits)	
_____ CMSE-801, Introduction to Computational Modeling (3 credits)	_____
_____ CMSE-802, Methods in Computational Modeling (3 credits)	_____
_____ CMSE-820, Mathematical Foundations of Data Science (3 credits)	_____
_____ CMSE-821, Numerical methods for differential equations	_____
_____ CMSE/CSE-822, Parallel programming (3 credits)	_____
_____ CMSE-823, Numerical Linear Algebra, I (3 credits)	_____
2. One or more additional courses, which may include further CMSE courses at the 400 level or above (including from the list of core CMSE graduate courses in List 1), courses from a pre-approved list of non-CMSE courses (consult the Graduate Handbook for more information), or other computational science or data science-focused courses at the 400 level or above as approved by the CMSE graduate advisor (3 or more credits). 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

Program Advisor: I have reviewed the courses that this student has taken and, based on this review, affirm that this student is eligible for conferral of the Graduate Certificate in Computational Modeling.

_____   _____
Program Advisor Signature   Date

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 Computational Modeling Graduate Certificate (code #8086).

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

<div style="border:1px solid black; padding:10px;">

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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