TAMUC CSCI 507 Computational Science Internship-I- Request Form **Semester:_____/_____**

The Program: Computational Science Master's Degree Program at the Department of Computer Science and Information Systems at Texas A&M University-Commerce is an interdisciplinary program designed to educate students pursuing a career in the field of computational science; to provide students with the ability to identify, tackle and solve complex problems through computer applications of mathematical modeling and quantitative analysis in the science and engineering fields as well as other disciplines where sophisticated computation is necessary; to provide students with scientific real-world problem solving applications through an internship practicum or a thesis research experience.
Program Outcomes: Graduates will attain:
(a) An ability to analyze an interdisciplinary scientific problem, and identify and define the computing requirements appropriate to its solution
(b) An ability to apply appropriate tools of computing toward a solution of an interdisciplinary scientific problem.
(c) An ability to develop a mathematical model appropriate to solution of an interdisciplinary scientific problem.
(d) An ability to apply appropriate tools of mathematics and statistics toward a solution of an interdisciplinary scientific problem.
(e) An ability to validate the results of a solution to an interdisciplinary scientific problem.
(f) An ability to communicate effectively with an interdisciplinary audience.
CSCI507 Computational Science Internship –I- Course: Three semester hours. This course is mandatory for non-thesis students. Students earn course credit while obtaining valuable working experience. The department guarantees an internship for every student in the computational science degree program. Students can obtain an internship by themselves with a company or organization that employs personnel with computational science skills. Students can also work for faculty members in their research. Internship does not have to be a paid work. Students are aimed to have hands on experience on interdisciplinary scientific problems and develop mathematical models. The focus of CSCI 507 is to develop initial knowledge, theory, models, and foundation to be used in CSCI 508. Student will submit a written internship report. Prerequisites: CSCI 509, CSCI 502, CSCI 515, CSCI 532, CSCI 549, CSCI 574 and departmental approval. 507 and 508 can also be taken in the same semester.
Internship Report Student will write a report describing the work that is done during the internship, and will do a presentation about the internship. The presentation will be evaluated by a panel of three or more faculty using a rubric. The student's supervisor at the internship company/institution can be asked to verify the report. Towards the end of the internship, a form will be sent to student's supervisor at the internship company/institution in order to evaluate the intern's work during the internship.
All students are expected to attend weekly course meetings in person; if a student has to participate in meetings remotely /virtually, he/she has to get approval from the instructor. Regardless, all students will be required to attend in-person to deliver final presentations in the designated day(s). For all students, in person attendance is preferred. Regardless, the students need to report to and update the course instructor weekly.
In order to get course credit, the start day of the internship has to be no later than the first day of classes for the semester; the last day of the internship should be no earlier than the last day of classes for the semester.

The deadline to submit this internship request from is **four weeks** before the first class day of the semester. *This form does not replace any of the forms that the student needs to fill in and submit to the univeristy's international office or to any other office.*
Along with the internship request form, the student has to also submit the official offer letter, **or a letter from a faculty member the student helps in research**, which should include detailed job description, duties of the intern, whether it is full-time or half-time work (indicate how many hours/week), start and end time of the internship, location and address of the company/institution which the internship work is taking place. Fill in the "Student" and "Internship Supervisor" sections below and e-mail to the CPSI Program Coordinator (provide supervisor's information, not HR contact-person information). Full-time (40 hours/week) internship for a full summer, fall or spring semester is equivalent to 6 credits of CSCI507 and CSCI508 together (20 hours/week would earn 3 credits).

I agree to abide by the above requirements. The nature of the work done in this internship is related/relevant to computational science.

Student
Name: Signature and date: CWID: Leomail: Phone:
Internship Supervisor (at the Internship Company/Institution or Faculty Member)
Name: Signature and date: Title/Position: Company, Address: E-mail: Phone:
CSCI Program Coordinator or CSCI507 Course Instructor
Name : Signature and Date: