

## Introduction to High Performance Computing Student Survey

Please complete this form and submit today, if you are in the course already or considering taking the course. The allocation of lecture time and selection of examples to illustrate different topics may be based in part on this survey.

University e-mail \_\_\_\_\_

Preferred name \_\_\_\_\_

Degree (e.g., MS, PhD) \_\_\_\_\_ Major (e.g., CS, MechE) \_\_\_\_\_

Year of program (e.g., entrant, starting Year 3) \_\_\_\_\_

Taking Introduction to HPC for credit? (please circle):    *LIKELY*    *UNLIKELY*

How is your linear algebra?                    *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your PDE analysis?                    *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your numerical analysis?            *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your discrete mathematics?        *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your probability and statistics?    *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your LINUX skill?                    *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your C/C++ skill?                    *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your Python skill?                   *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your F77/F90 skill?                   *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your profiler skill?                   *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your MPI skill?                       *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your OpenMP skill?                   *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your CUDA skill?                     *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your OpenACC skill?                   *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your OpenCL skill?                   *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your PETSc skill?                     *NONE*    *RUDIMENTARY*    *COMFORTABLE*

How is your MeTiS skill?                     *NONE*    *RUDIMENTARY*    *COMFORTABLE*

A. What objectives, if any, do you have for this course, besides getting a good grade and fulfilling a step towards your degree program? Any particular projects, term of summer employment, or future courses for which this course is intended to prepare you? (Feel free to elaborate on the reverse side under "A".)

B. In what application areas, if any, do you intend to use large-scale simulation in the immediate future, e.g., atmospheric modeling, VLSI, protein folding, etc.? (Feel free to elaborate on the reverse under "B".)