The Nation’s Premier HSI Program

HSI Program Mission
The Human Systems Integration (HSI) program at NPS provides graduate education and training to military and civilian personnel, giving them the knowledge, skills, and abilities needed to be effective leaders in the assessment, design, testing, and management of HSI activities throughout the total acquisition lifecycle.

Faculty
HSI faculty are widely published and actively engaged in teaching and research. Faculty span the disciplines of Human Factors, Operations Research, Systems Engineering, Computer Science, Manpower, Personnel, Training, and Business Management.

Our faculty are highly informed about (and in many cases directly involved in the development of) the latest HSI policies, tools, and processes. They interact regularly with HSI leaders from all DoD uniformed services and with other Federal agencies such as NASA and the Department of Homeland Security.

In addition, HSI experts throughout the U.S. regularly speak with students and faculty about current HSI issues, challenges, and solutions. These practitioners provide students and faculty with real world HSI problems that are addressed in discussions and course projects throughout the Certificate Program.

Contact Information:

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For more information about HSI at NPS:
www.nps.edu/or/hsi

For more information about other DL programs at NPS:
www.nps.edu/dl
Four Course Certificate Program with Graduate Credit

Courses are taken in the following sequence:

**Fall Quarter**

OA3411 - Introduction to HSI
You will learn about the policies that govern HSI, the domains that comprise HSI, and the capabilities and limitations of humans in complex systems under a variety of stressful conditions.

**Winter Quarter**

OA3412 - HSI in the Acquisition Lifecycle
You will learn how HSI practitioners work with developers, designers, program managers, logisticians, and engineers to influence the entire lifecycle of a system—from concept development through the operations and support phase.

**Spring Quarter**

OA3413 - HSI Tools, Techniques, Approaches, and Methods
An important task for HSI practitioners is to assist acquisition program leaders in making tradeoff decisions in a resource-constrained environment. This course will provide you with an overview of the tools, techniques, approaches, and methods available to HSI practitioners.

**Summer Quarter**

OA4414 - HSI Case Studies and Applications
You will apply what you have learned in the previous three courses to evaluate historical case studies and to engage in HSI activities in acquisition systems.