

## **The Academy Program Now Part of the BS and MS Degree Curriculum at CSU - Fresno**

California State University at Fresno has incorporated the Academy program into its BS and MS degree coursework. This is the first in a series of University models that have successfully implemented the Cisco Networking Academy Program.

The Cisco Networking Academy Program at CSU-Fresno is a complete program on the principles and practice of designing, building, and maintaining networks capable of supporting national and global organizations.

Unlike many technical college and engineering degrees, the BSIT/MSIT degree additionally emphasizes balanced development of analytical, managerial, and leadership skills in order to open long-term career options.

The Networking Academy program is integrated into the BS and MS degree program. It features hands-on, project-driven training in high-demand job skills

The curriculum of the Industrial Technology is a discipline associated with implementing, operating, and continuously improving systems of machines, materials, and processes, as well as financial, human, and energy resources. The discipline emphasizes the integration of technological management knowledge with leadership skills to help business and industries to achieve desired goals efficiently and with appropriate concern for the environment, ethics, quality, and human diversity.

The mission of the Fresno IT program is to continuously improve the managerial and technical knowledge of individuals by transferring and sharing the most recent technology and practices through cooperative efforts with industry, government, and other educational institutions. The program encourages research and problem solving, while providing services to the public, business, and industrial sectors.

The Bachelor and Master of Science in Industrial Technology with a concentration in Networking System Management are designed to prepare students for technical and management careers in business and industry.

The technical core curriculum is designed to provide a broad industrial and technological background for the student, while the management core provides management skills and concepts.

California State University – Fresno also provides optional teacher in-service credit through their Instructor train-the-trainer program. As a training center for teachers in high schools, enrolled Instructors can request the optional credit for professional development credit toward the state requirements. This is another value-add the CSU-Fresno program can offer teachers.

For more details on the California State University – Fresno implementation please contact Tina Franklin, Academy Development Manager, [tifrankl@cisco.com](mailto:tifrankl@cisco.com).

Networking System Management graduates enjoy one of the highest placement rates and starting salaries of all CSU-Fresno students. Typical positions include:

- Network Systems Engineer/Administrator
- Project Engineer
- Information Technology and Networking Support Specialist
- Field Service Engineer
- Production Engineer
- Applications Engineer
- Technical Supervisor
- Technical Support Engineer
- Electronics Production Supervisor