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Cernan Earth and Space Center debuts new projection system

River Grove, Ill. – This summer, the Cernan Earth and Space Center at Triton College will debut a new and exciting projection system that will fill the entire dome, while also providing a new learning vehicle for Triton’s students.

The full-dome projection system, called the Super MediaGlobe II, projects to one enormous screen onto the dome, as compared to the current trio of smaller screens currently in place. The new system allows for faculty across multiple disciplines to creatively utilize the projection system in their academic curriculum.

“In addition to many science and non-science programs that can be shown to students as part of a course, customized programs for the classroom can be developed by instructors as a state-of-the-art learning method for many other subjects,” said Dr. Doug Olson, vice president of Academic and Student Affairs. “It can potentially be used in the course content of any curriculum in a very exciting way to captivate students. We are re-inventing the capabilities of the Cernan Earth and Space Center.”

The new projection system will remain primarily for astronomy. Konica Minolta’s Super MediaGlobe II is the first single-lens digital planetarium to adopt a new standard in high-resolution projection. It projects at 4096 X 2400 pixels – four times more pixels than the best HDTV image and a native contrast of 10,000:1. The projection system also offers an advanced 3D astronomical simulation function that allows for stars to be shown in a 12.4 magnitude, data of 118,000 fixed stars, proper motion date of fixed stars
at any time from 500,000 BC to 500,000 AD. The system’s powerful simulations take audiences through the solar system and beyond.

The new projection system is part of Triton College’s $53 million Campus Renewal Bond Project, as the college looks to renovate and upgrade various areas around campus to sustain into the future.

For more information about the Cernan Earth and Space Center, visit www.triton.edu/cernan or call (708) 456-0300, Ext. 3372.

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ABOUT TRITON COLLEGE

Triton College is one of the nation’s premier two-year institutions of higher education dedicated to student success. Located 14 miles from downtown Chicago, in River Grove, the school offers close to 100 degree and certificate programs at its 100-acre campus that features a comfortable, friendly and diverse atmosphere. More than 15,000 students enroll at Triton each year to take advantage of Triton’s small, accessible classes, qualified faculty, affordability and financial assistance. Triton College is accredited by the Higher Learning Commission; member, North Central Association. www.triton.edu