

Kelly Caringer

Dr. Kelly H. Caringer is a Chief Instructional Media Systems Engineer at CTE. In this role, he designs, installs, and maintains digital presentation systems used in shared learning spaces.

Dr. Caringer received a Bachelor of Science in Recording Industry from Middle Tennessee State University (1999), and a Master of Science in Professional Media Management (2009) and Doctorate of Philosophy in Mass Communication and Media Arts (2017) from Southern Illinois University Carbondale. Dr. Caringer is a critical technologist who considers the particular sociocultural implications of technology in any given application. With regard to technologies commonly deployed in classrooms, he investigates technical claims made by product manufacturers and determines through research and experimentation what product features are actually most useful in a higher education setting.

Before venturing into educational technology, Dr. Caringer worked for nearly 25 years in various media industries; from recording, editing, and mastering albums on Nashville's historic Music Row, to verifying the data integrity of music and motion picture masters for Universal Music Group and Technicolor. In 2011/2012, his doctoral studies led to an international research fellowship at the British Library Sound Archive and invitations to the EMI Archive Trust and Abbey Road Studios in London, where he uncovered an alternate history of the invention and development of stereophonic sound recording from 1931-1958.

Milestones at CTE:

- 2017 – Redesigned two of three types of digital presentation systems for shared learning spaces. Leveraged digital cabling standards and advancements in laser projectors to greatly improve course content intelligibility and system reliability, while significantly lowering costs.
- 2018 – Designed and installed the region's only Dolby Atmos screening auditorium in Lawson Hall Room 171. The system touts 13 discrete channels of audio, including four height channels and subwoofers, for a fully immersive and thunderous cinematic experience.
- 2019 – Redesigned the third and final type of digital presentation systems for SIUC classrooms. System installations are underway in the 100 shared learning spaces receiving this particular upgrade.
- 2021 – Began working cooperatively with the Office of Information Technology to improve the efficiency and cost effectiveness of the Instructional Media Systems help desk for faculty support.