Skanska teams with Georgia Tech for new Building Information Modeling (BIM) course

ATLANTA (April 6, 2016)– The Georgia Institute of Technology and Skanska, one of the world's leading construction and development firms, have teamed up to offer a new professional course for Building Information Modeling (BIM), a virtual process that uses intelligent 3D models to help architects, engineers and contractors plan, design and build projects prior to construction.

The course will be held May 9-12 at Georgia Tech's Digital Building Laboratory, where students will gain a working knowledge of virtual design and construction processes that have real-world applications. The emergence of new technologies and advanced processes such as BIM have improved collaboration and building quality while also reducing opportunities for error. With the rapid adoption of BIM in the industry, the new course was created to address the growing need for BIM training specifically for construction professionals.

The four-day course will introduce students to the most popular BIM tools and preview the newest related technologies such as laser scanning, mobile devices and drones. Students will learn how to navigate and analyze a model and how to apply BIM to project execution tasks such as planning and sequencing, spatial coordination and clash detection, and operations and facility management. Most important, students will walk away with a solid understanding of industry best practices and lessons learned on how to implement a BIM-enabled project.

Developed collaboratively by Georgia Tech and Skanska, the course will be taught by a team coordinated by Professor Chuck Eastman, one of the original developers of BIM technology who also co-authored one of the first handbooks on BIM tools and processes.

"While drawings have been used to plan and construct buildings for centuries, the value of BIM has been recognized worldwide in the last decade, supporting fundamental improvements to design and construction, and the resulting transformations have just begun," says Eastman.

Skanska USA Building's Director of Learning Strategy and Design Mike Choquette and Regional Virtual Design and Construction (VDC) Director Oliver Smith assisted in developing the curriculum. Smith will also serve as a guest teacher during the course, focusing on real-world applications of BIM in the construction management field.

"At Skanska, we need people who have an understanding of the tools and delivery methods that help us remain competitive," said Smith. "This new course will empower construction professionals of all levels and provide them with the experience and know-how they need to start applying BIM to their work environments."

To learn more or to register for the course, visit Georgia Tech's [registration page](#).

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About Skanska
Skanska USA is one of the largest, most financially sound construction and development companies in the U.S., serving a broad range of clients including those in transportation, power, industrial, water/wastewater, healthcare, education, sports, data centers, government, aviation and commercial. Headquartered in New York with offices in 31 metro areas, we have more than 11,000 employees committed to being leaders in safety, project execution, sustainability, ethics and people development. In 2015, our work in building construction, civil and power/industrial construction, commercial development and infrastructure development (public-private partnerships) generated $7.1 billion in revenue. Global revenue of parent company Skanska AB, headquartered in Stockholm and listed on the Stockholm Stock Exchange, totaled $18.4 billion in 2015. Skanska shares are publicly traded in the U.S. on the OTC market under the symbol SKBSY through a Level I American Depository Receipt program.

About Georgia Tech

Georgia Tech is one of the oldest and most respected polytechnic universities in the United States, and was also one of the first to organize a conference on BIM. The University's Digital Building Laboratory (DBL) was formed by professor Chuck Eastman, an original developer of BIM technologies. Through Eastman's direction, the DBL established a strong, innovation-generating link between the building industry and Georgia Tech's research strengths. DBL hosts an annual symposium on new technologies that are now practical because of the digital modeling of buildings. Many of these new technologies and practices are reviewed in the BIM Handbook that Eastman co-authored. This course is offered by DBL and taught by prestigious instructors from Georgia Tech's School of Building Construction, School of Architecture, and School of Civil and Environmental Engineering.