



## Building Information Modeling (BIM) Certificate

### 2018–2019

#### **DESCRIPTION:**

The Building Information Modeling Certificate prepares students for the opportunity to build upon CMGT 2215 Introduction to BIM and gain experience in 3D model creation as well as manipulation and management from design, construction, operation, and management perspectives. Some certificate courses count towards the Construction Management AAS degree. Students who earn this certificate typically come from related fields of study and experience, desiring to expand their knowledge and skills. For more information, see [csc.edu/cmgt](http://csc.edu/cmgt).

#### **ADMISSION REQUIREMENTS:**

This is a non-selective, open-admission program. Students may begin the program in any semester. It is recommended students complete CMGT 1105, 1114, 1121 and 1131 prior to attempting CMGT 2215.

#### **ONGOING REQUIREMENTS:**

Students should have a genuine interest and passion for the design, build, operation, and management industry. Students shall maintain college minimum GPA requirements.

#### **OPPORTUNITIES FOR GRADUATES:**

##### **Career:**

Designing, building, and managing in 3D and beyond is becoming widely accepted in the design, build, operation, and management industry due to interoperability and documentation. This certificate provides access not currently available anywhere in Ohio to the market for design and building by providing students the opportunity to create, manipulate, and manage the model and related data. Prior experience with CAD and field work is helpful.

##### **Transfer:**

Most colleges and universities will accept the credits for the Revit® courses, whereas the BIM courses are relatively new and would be transferable on an institution-by-institution basis. Transfer credit would be to a related baccalaureate program.

**CERTIFICATE REQUIREMENTS (BUILDING INFORMATION MODELING CERTIFICATE):****FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
CMGT 2215 Introduction to Building Information Modeling	AU/SU	3	
ARCH 1274 Revit® Architecture I (offered online)	AU/SP/SU	2	
<b>Semester Credits</b>		<b>5</b>	

**SECOND SEMESTER**

Course	Term	Credits	Milestones/Progress Check
CMGT 2216 BIM Applications	SU/On demand	3	
ARCH 2275 Revit® Architecture II (offered online)	AU/SP/SU	2	
<b>Semester Credits</b>		<b>5</b>	
<b>Total</b>		<b>10</b>	

*AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester  
Requirements subject to change.*