

# BUILDING INFORMATION MODELING

ASSOCIATE OF SCIENCE DEGREE



Imagine learning what it takes to get started in the groundbreaking area of building design. This program positions you to have the opportunity to help project managers and decision makers visualize a building project from concept to completion. A career in Building Information Modeling (BIM) puts you in a position to work through all phases of projects with professionals in construction, architecture, engineering, and design. Imagine a program that provides you with the opportunity to develop skills in multiple fields including architectural design, construction design, engineering design, industrial design, and interior design.

## **You Imagine. We can get you there.™**

These are some of the career opportunities in Building Information Modeling. With the right education and your own initiative, one of them could be in your future:

- > BIM Modeler
- > BIM Operator
- > BIM Administrator
- > BIM Specialist
- > BIM Technician
- > 3D Renderer
- > CAD Operator
- > CAD Administrator



# Building Information Modeling

ASSOCIATE OF SCIENCE DEGREE PROGRAM

The Academy's new online degree program is based on exciting technological innovation in building design. Students have the opportunity to work with multiple software platforms and use Building Information Modeling to take initial design concepts through every stage of a project, including design, documentation and construction. The advantage in a real-world environment is the ability to present computer-aided designs in a 3D format so that all involved parties can follow a building project from start to finish and keep up to date on developments along the way. With industry-current skills that can help projects run more efficiently, you could be an asset to a range of clients, contractors and consultants.

## CONCENTRATION COURSES

Course#	Course Title	Credits
BIM101	COMPUTER AIDED DESIGN INTERFACE	4
BIM102	INTRODUCTION TO COMPUTER AIDED DESIGN	4
BIM103	DRAWING DOCUMENT METHODS	4
BIM104	BUILDING INFORMATION MODELING I	4
BIM105	BUILDING CONSTRUCTION METHODS	4
BIM106	BUILDING INFORMATION MODELING II	4
BIM107	BUILDING SYSTEMS METHODS	4
BIM108	BUILDING INFORMATION MODELING III	4
BIM201	DETAILING METHODS	4
BIM202	BUILDING INFORMATION MODELING IV	4
BIM203	SUSTAINABLE DESIGN METHODS	4
BIM204	BUILDING INFORMATION MODELING V	4
BIM205	PROJECT MANAGEMENT METHODS	4
BIM206	COMPUTER DESIGN RENDERING	4
BIM207	COMPUTER DESIGN PORTFOLIO	4
BIM208	COMPUTER DESIGN CAPSTONE	4
<b>Total Concentration Requirements</b>		<b>64</b>

## COLLEGE CORE COURSES

Course#	Course Title	Credits
COLL101	COLLEGE SUCCESS	4
<b>Total Core Requirements</b>		<b>4</b>

## GENERAL EDUCATION COURSES

Course#	Course Title	Credits
COMM101	INTERPERSONAL COMMUNICATIONS	4
ENGL101	ENGLISH COMPOSITION I	4
ENGL102	ENGLISH COMPOSITION II	4
HUMN101	INFORMATION LITERACY	4
MATH130	COLLEGE ALGEBRA	4
SOC201	CULTURAL DIVERSITY	4
<b>Total General Education Requirements</b>		<b>24</b>

**Total Credits Required for Graduation** 92

Upon satisfactory completion of the specified 92 quarter credit hours, a student with a CGPA of 2.0 (on a 4.0 scale) or higher will be awarded the Associate of Science degree in Building Information Modeling.

# WHY IADT ONLINE?

You can feel like you belong here.

You can learn and grow in a collaborative community of students who share your passion.

## Engaged learning

We know from years of experience that when you're fully engaged in learning, you can learn better. And that's how we do it here – from hands-on instruction, to focused interaction with instructors, to live lectures and chats.

## Focused attention

We know our students by name. And we're proud of that. We believe wholeheartedly in giving students the guidance and attention they need.

## Instructors who get what you want to do

You can learn from instructors with real-world experience. They know what it takes to make it out there.

## Real-world tools

You can learn using the same type of industry-current software professionals use.

## A plan to help you finance your education

All our students can get tuition planning assistance and information on available scholarships. Financial aid is available for those who qualify.

## Career-services assistance

IADT has a nationwide network of individuals and businesses to help you with career opportunities and the job search process.

## Flexibility and portability

Your life doesn't stop just because you're in school. We get that. MobiClass™ allows you to attend class from most mobile devices – wherever you are, whenever it fits your schedule.