

## **BIM TECHNICIAN / BIM ENGINEER**



### **MODELING IN A 3D VIRTUAL SPACE**



BIM, or “Building Information Modeling” is a sophisticated technology used in all phases of a building project that enables the design team, constructor, and owner to work together with a 3D generated model of a building prior to actual construction. BIM

professionals build the entire building and all its systems in a 3D virtual space using various softwares and technologies like laser-scanners, drones, virtual reality, and much more.

### **JOB OUTLOOK**

Currently, there are not enough BIM professionals to go around, not even close. This is a job that will continue to grow exponentially for the next 10 to 20 years. The construction field is an open and generous one. In Delaware in particular, the number of construction projects continue to grow while those in the field continue to shrink, increasing both salary and availability.

### **COURSE STUDIES**

Algebra, Mathematics, Computer Science, Statistics, Information Technology

### **SALARY RANGE**

\$50,000 – \$120,000

### **EDUCATION**

A bachelor’s degree in any construction-related field is preferred, especially studies in math, CAD (computer-aided design), and civil engineering. Undergraduate studies typically include courses in construction management, construction software, and computer science.

The BIM field is unique in that they can accept those without a degree if their work in BIM is impressive enough.

### **SKILL BUILDERS:**

Analytical Skills  
Advanced Math Skills  
Computer Skills  
Creative Skills



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