

This is a bookkeeping table that keeps track of all the steps that were done in loading the database.

This table keeps track of all the group members/users of the database.

This is where all the data is taken from to load all the other tables in the database.

**WorkflowSteps (Process)**

**UserAuthorization (DbSecurity)**

**CoursesFall2020 (groupnUploadfile)**

All courses belong to some department. For example CSCI331 is a course inside the Computer Science department.

An instructor teaches classes. They can teach in different departments and can teach different courses in that department, as well as different classes of that course.

This bridge table will let you match up departments and instructors so you can then find out which instructors teach in which departments.

This bridge table links modes of instruction to courses so you can then find out which courses have which modes of instruction throughout their various classes.

A course is a child of a department. One department has multiple courses that are taught in it.

A class is a child of a course and a grandchild of a department. Each course (e.g. CSCI331), has multiple classes - meaning the same course taught at different times and by different professors and in different locations (they also have unique section numbers and class codes as well). A class is essentially the apex of all other tables - it has foreign key relationships to most tables.

A building contains multiple rooms. Each class is held in a specific room of a building.

A room is a child of a building. There are multiple rooms in each building. A room is where a given class is held.

This is a table of all modes of instruction that a class can have, such as online or in-person.

**Instructor (Faculty)**

**BridgeBetweenDepartmentAndInstructor (Academics)**

**BridgeBetweenCourseAndModeOfInstruction (Academics)**

**Department (Academics)**

**Course (Academics)**

**Class (Academics)**

**ModeOfInstruction (Academics)**

**Building (Locations)**

**Room (Locations)**