# Objects, Attributes, and Methods

| Student | |
|---|---|
| Student Number<br>Classes<br>Name<br>Address<br>Telephone<br>Date of Birth | |
| Add student<br>Delete student<br>Drop class<br>Search class | |

| Parent | |
|---|---|
| Student Number<br>Relationship<br>Name<br>Address<br>Telephone<br>Contact Number | |
| Add parent<br>Delete parent<br>Edit parent<br>Search parent | |

| Course | |
|---|---|
| Course Number<br>Name<br>Classroom<br>Size<br>Requirements | |
| Add course<br>Delete course<br>Edit course<br>Search course | |

| Human Resources | |
|---|---|
| HR Number<br>Name<br>Hire Date<br>Salary<br>Department Number | |
| Add employee<br>Delete employee<br>Edit employee<br>Search employee | |

| Instructor | |
|---|---|
| Instructor number<br>Name<br>Office<br>Email<br>Status | |
| Add instructor<br>Delete instructor<br>Edit instructor<br>Search instructor | |

| Registration | |
|---|---|
| Register number<br>Status<br>Name<br>Student number | |
| Add registration<br>Delete registration<br>Edit registration<br>Search registration | |

# Object Relationship Diagram

Human Resources

Hires

Instructor

Indicates avaliability

Course

Gnerates Roster

Takes

Registration —Adds→ Student ←manages— Parent