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ECE373
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HW01-UML model

University
-department: ArrayList<department> -course: ArrayList<course> -student: ArrayList<student>
+getDepartment(): String +getCourse(); String +getStudent(): String

Student
-name : String -schedule : ArrayList<integer> -course : ArrayList<course> -department: Department
+Student() +getName(): String +setName(name : String) : void +getDepartment() : department +setDepartment(Department dep) : void +addCourse(Course c) : void

Course
-name : String -number : int -schedule: ArrayList<integer> -studentRoster : ArrayList<student> -department: Department
+Course() +getName(): String +setName(name : String) : void +getNumber(): int +setNumber(number : int) : void +getSchedule(): ArrayList<Integer> +setSchedule(int): void +getDepartment() : department +setDepartment(Department dep) : void +getStudentRoster() : ArrayList<Student> +setStudentRoster(Student s) : void

Department
-name : String -course : ArrayList<course> -student: ArrayList<student>
+Department() +getName(): String +setName(name : String) : void +getCourse() : course +setCourse(Course c) : void +getStudent() : ArrayList<student> +setStudent(Student s) : void