Lab 2 Diagrams

Student

- firstName : String [1]lastName : String [1]prefName : String [0..1]
- email: String [1] = {schoolOnly}
- cid : Integer [1] = {Unique}
 cellNumber : Integer [0..1]
 classStanding : String [1]
- enrollments : Enrollment [*]
- + Student(String, String, String, Integer, String)
- + CalculateGPA(void) : double
- + addEnrollment(Enrollment) : void
- + getFirstName(void) : String
- + getLastName(void) : String
- + getPrefName(void) : String
- + getEmail(void) : String
- + getStanding(void) : String
- + getCell(void) : Integer
- + getCID(void) : Integer
- + getEnrollments(void) : Enrollment
- + setPrefName(String) : void
- + setCell(Integer) : void

Course

Subject : String [1]

- CourseName : String [1]

- CourseNum : Integer [1]

- PreReqs : String [*]

- CoReqs : String [*]

- Credits : Integer [1]

+ Course(String, Integer, String)

+ getSubject(void) : String

+ getCredits(void) : Integer

+ getPreReqs(void) : String

+ getCoReqs(void) : String

+ getCourseNum(void) : Integer

+ getCourseName(void) : String

+ addCoReq(Course) : void

+ addPreReq(Course) : void

Enrollment

- Course: Course[1]

Semester: String[1]

Year: Integer[1]

Status: String[1]

- Grade: String[1]

+ Enrollment(Course, String, Int, String, String)

+ setStatus(String): void

+ setGrade(String): void

+ getGrade(void): String

+ getStatus(void): String

+ getCourse(void): Course

+ getSemester(void): String

+ getYear(void): Integer

