

Course

+ Course(String, String, String, int, byte, int, int, String):

- courseName: String
- courseCode: String
- courseCredit: int
- courseType: String
- preRequisiteCourses: List<Course>
- semester: byte
- capacity: int
- hour: int
- day: String
- numberOfStudents: int
- lecturer: Lecturer
- laboratorySections: List<LaboratorySection>

- + getLaboratorySections(): List<LaboratorySection>
- + getCourseCode(): String
- + getNumberOfStudents(): int
- + hasCapacity(): boolean
- + semester(): byte
- + getPreRequisiteCourses(): List<Course>
- + setNumberOfStudents(int): void
- + getCourseCredit(): int
- + setLecturer(Lecturer): void
- + getCourseType(): String
- + getHour(): int
- + addPreRequisiteCourse(Course): void
- + getDay(): String
- + getCourseName(): String