### **CPSC 2150**

#### Lab2

# Student firstName: String [1] lastName: String [1] prefName: String [1] email: String [1] {readOnly} classStanding: String [1] {Ordered} cellPhone: String [0...1] {Optional} cuidNum: int [1] {Unique} enrolled: Enrollment [0...\*] Enrollment(String firstName, String lastName, String prefName, String email, String classStanding, String cellPhone, int cuidNum) { . . . } addEnroll(Enrollment): void printStudentInfo(Student): void changePrefName(String): void changeCellPhone(String): void changeCurrClass(String): void getCUID(int): int[1] {readOnly}

## Enrollment stud: Student [1] {readOnly} coursTaken: Course [0...\*] semTaken: String [1] yrTaken: int [1] coursStatus: String [1] coursGrade: int [1] Enrollement(stud: Student, coursTaken: Course[0...\*], semTaken: String, yrTaken: int, coursStatus: String, coursGrade: String) ~Enrollment() printCoursTaken(): void printCoursStatus(): void setSemTaken(String): void setYearTaken(int): void getCoursStatus(void): String getCoursGrade(void): int

### Course

- majorCode: String [1]
- coursNum: int [1]
- coursName: String [1]
- credHrs: int [1]
- prerequ: String [0...\*]
- corequ: String [0...\*]
- + Course(majorCode: String, coursNum: int, coursName: String, credHrs: int, prerequ: String, corequ: String)
- + ~Course()
- + getMajorCode(void): String
- + getCoursNum(void): int
- + getCoursName(void): String