|  |
| --- |
| *Student* |
| -studentId: int  -name: String  -email: String  -courses: ArrayList<Course> |
| +setters/getters(): void  +enrollInCourse(course: Course)  +*displayInfo():* void |

UML

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| --- |
| UndergraduateStudent |
|  |
| +displayInfo(): void |

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| --- |
| GraduateStudent |
|  |
| +displayInfo(): void |

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| --- |
| Portal |
| -students : ArrayList<Student>  -courses : ArrayList<Course> |
| +setters/getters(): void  +addStudent(student: Student)  +addCourse(course: Course)  +enrollStudentInCourse(studentId: int, courseId: int) |

|  |
| --- |
| Course |
| -courseId : int  -title : String  -instructor : String  -credits : int |
| +setters/getters(): void |

|  |
| --- |
| FileHandler |
|  |
| +readStudentsFromFile(filename: String): ArrayList<Student>  +readCoursesFromFile(filename: String): ArrayList<Course>  +writeStudentsToFile(students: ArrayList<Student>, filename: String)  +writeCoursesToFile(courses: ArrayList<Course>, filename: String) |