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| Person |
| - name: String  - courses: ArrayList<Course> |
| + Person(): Person  + setName(newname: String): void  + getName(): String  + getCourses(): ArrayList<Course>  + detectConflict(aCourse: Course): Boolean  + printSchedule(): void  + addCourse(aCourse: Course): abstract void  - getTimeSlots(): int[] |

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| Student |
| - dept: Department  - unitsCompleted: int  - totalUnitsNeeded: int |
| + Student(): Student()  + setCompletedUnits(units: int): void  + getUnitsCompleted(): int  + requiredToGraduate(): int  + setRequiredUnits(units: int): void  + getTotalUnits(): int  + setDepartment(dept: Department): void  + getDepartment(): Department  + addCourse(crs: Course): void  + dropCourse(crs: Course): void |

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| Employee |
| - payRate: double |
| + Employee(): Employee  + setPayRate(pay: double): void  + getPayRate(): double  + raise(percent: double): void  + earns(): abstract double |

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| Professor |
| - dept: Department |
| + Professor(): Professor  + setDepartment(dept: Department): void  + getDepartment(): Department  + earns(): double  + addCourse(aCourse: Course): void |

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| Staff |
| - dept: Department  - hoursWorked: double |
| + Staff(): Staff  + setMonthlyHours(hours: double): void  + getMonthlyHours(): double  + setDepartment(dept: Department): void  + getDepartment(): Department  + earns(): double  + addCourse(aCourse: Course): void |

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| Department |
| - name: String  - courses: ArrayList<Course>  - students: ArrayList<Student>  - profs: ArrayList<Professor>  - staffList: ArrayList<Staff> |
| + Department(): Department  + setDepartmentName(name: String): void  + getDepartmentName(): String  + addStaff(Staff stf): void  + getStaffList(): ArrayList<Staff>  + addProfessor(Professor prof): void  + getProfessorList(): ArrayList<Professor>  + addStudent(Student student): void  + getStudentList(): ArrayList<Student>  + addCourse(course: Course): void  + getCourseList(): ArrayList<Course>  + printStudentList(): void  + printProfessorList(): void  + printStaffList(): void  + printCourseList(): void |

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| Course |
| - Week: String[]  - Slot: String[]  - name: String  - number: int  - schedule: ArrayList<Integer>  - roster: ArrayList<Person>  - dept: Department  - room: Classroom  - prof: Professor |
| + Course(): Course  + getMeetingTime(timeslot: int): String  + printSchedule(): void  + printRoster(): void  + setRoomAssigned(newRoom: Classroom): void  + getRoomAssigned(): Classroom  + compareSchedules(other: Course): boolean  + setName(name: String): void  + getName(): String  + setProfessor(prof: Professor): void  + getProfessor(): Professor  + setCourseNumber(num: int): void  + getCourseNumber(): int  + setSchedule(addNum: int): void  + getSchedule(): ArrayList<Integer>  + setDepartment(dept: Department): void  + getDepartment(): Department  + addStudent(student: Person): void  + removeStudent(student: Student): void  + removeStudent(student: Staff): void  + getStudentRoster(): ArrayList<Person>  + getConflictSlots(aCourse: Course): ArrayList<String> |

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| Classroom |
| - courses: ArrayList<Course>  - room: String |
| + Classroom(): Classroom  + setRoomNumber(newRoom: String): void  + getRoomNumber(): String  + addCourse(aCourse: Course): void  + printSchedule(): void |

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| University |
| + departmentList: ArrayList<Department>  + classroomList: ArrayList<Classroom> |
| + University(): University  + printStudentList(): void  + printStaffList(): void  + printProfessorList(): void  + printCourseList(): void |