

# JAKE TANTORSKI

## Problem 11.5

### Course

```
-course: String  
-students: ArrayList<String>  
+ Course()  
+ ClassesTaken(courseName: String)  
+ addStudent(student: String): void  
+ dropStudent(student: String): void  
+ getStudents(): String[]  
+ getNumberOfStudents(): int
```

## Problem 11.3

### Account

```
-id: int  
-balance: double  
-interestRate: double  
-dateCreated: String  
+ Account()  
+ setID(newId: int)  
+ setBalance(newBalance: double)  
+ getID(): int  
+ getBalance(): double  
+ getDateCreated(): String  
+ getMonthlyInterestRate(): double  
+ withdraw(amount: double)  
+ deposit(amount: double)
```

### CheckingAccount

```
-overdraftLimit: double  
+ CheckingAccount()  
+ setOverdraftLimit(overdraftLimit: double)  
+ getOverdraftLimit(): double  
+ withdraw(amount: double): boolean  
+ toString(): String
```

### SavingsAccount

```
+ SavingsAccount()  
+ withdraw(amount: double): boolean
```