**C++ Activities and Lecture Notes – Chapters 8, 19, 23**

We wish to create a child class of Person; let’s call it OCCCPerson.

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| --- |
| OCCCPerson |
| #studentID: string |
| + OCCCPerson (string firstName, string lastName, dob OCCCDate,  string studentID)  + OCCCPerson(Person p, string studentID)  + string getStudentID()  + bool equals(OCCCPerson p) // ignore case in name  + string toString()  // format Lastname, Firstname (dob) [studentID] |

Note that we can only create an OCCCPerson with a student ID, and we can’t change the ID once the OCCCPerson is created.

The first task in the constructor of the child object is to call the parent class constructor. We do this with the line

: Person(*parameters*)

where *parameters* are whatever parameters we wish to send to the parent constructor.

When invoking a parent function, use the scope resolution operator ::

string temp = Person::getFirstName();

**[INSERT INHERITANCE AND MULTIPLE INHERITANCE DEMO HERE]**