**CMPR121 - Exam2 - UMLs**

Base/Parent Class

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| **MyUnit** |
| - value: unsigned short  - description: char[100] |
| + MyUnit()  + setValue(int): void  + getValue(): int const  + setDescription(const char\*): void  + getDescription(): const char\* const |
| friend ostream& operator<<(ostream&, const MyUnit&) |

Derived/Child from (MyUnit)

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| **MyScheduleDay** |
| - Type : char |
| + MyScheduleDay()  + setType(char) : void  + getType() : char const |
| friend ostream& operator<<(ostream& , const MyScheduleDay& |

Aggregated Class

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| **MyCalendar** |
| - currentYear : unsigned short  - currentMonth : unsigned short  - currentDay : unsigned short  - scheduleDays[12][31] : MyScheduleDay |
| + MyCalendar()  +setCurrentYear(int ) : void  + getCurrentYear() : int const  +setCurrentMonth(int ) : void  + getCurrentMonth() : int const  +setCurrentDay(int ) : void  + getCurrentDay() : int const  + getScheduleDay() : MyScheduleDay const  + operator++() : MyCalendar  +operator++(int) : MyCalendar  + operator--() : MyCalendar  +operator--(int) : MyCalendar  + jumpFoward(int) : MyCalendar  + jumpBackward(int) : MyCalendar |
| friend ostream& operator<<(ostream& , const MyCalendar& |