

## Assignment TicTacToe C++ Code Review Rubric

There is a 25% per day penalty for committing your code late. In addition, we will scale your grade down if your submission is substantially incomplete. Items marked with \* are particularly important.

### 1 Automatic Testing (25%)

- Important classes of valid inputs are tested\*
- Likely errors, corner cases, off-by-one errors are tested
- Invalid inputs are tested
- Tests well documented through naming (or comments if necessary)
- Tests are well-organized (logical grouping/order, generally one assertion per test)
- Test developed before and with code not after

### 2 C++ (25%)

- Good C++ Style
- Use of proper separation of code and headers
- Appropriate use of library such as `std:string`

### 3 Overall Design (15%)

- Solution approach is well thought out
- Code is logically organized
- Code is easy to read
- Avoids unnecessary repetition (“Don’t repeat yourself”)
- Fixes implemented since the Java version

### 4 Process (25%)

- Code was checked-in periodically/progressively in logical chunks
- Meaningful commit messages

### 5 Presentation and Participation (10%)

- Good selection of topics to focus on and logical order of presentation
- Engaged and paying attention to other students presentations
- Asks questions and/or makes comments that further the discussion
- Explains reasoning for why something is good or bad
- Behaves respectfully to moderator and other students