

Revisión de codificación de Cambios Maestros

03/05/17

0.1

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**Control De Versiones**

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| Nombre Del Archivo | Versión | Fecha de modificación | Autor | Comentarios |
| Csoft-Revisión\_Codificación\_Cambios\_Maestros-030517.docx | 0.1 | 03/05/17 | GVV | Creación del documento |
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# Revisión codificación

**Code Review Checklist**

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| Student | GVV | Date | 03/05/17 |
| Program | Cambios Maestros | Program # | N/A |
| Instructor | PEBM | Language | C++ |

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| Purpose | To guide you in conducting an effective code review |
| General | - Review the entire program for each checklist category; do not attempt to review for more than one category at a time!  - As you complete each review step, check off that item in the box at the right.  - Complete the checklist for one program or program unit before reviewing the next. |

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| Complete | Verify that the code covers all of the design. | MB | B | R | M |
| Includes | Verify that the includes are complete. | X |  |  |  |
| Initialization | Check variable and parameter initialization.  - at program initiation  - at start of every loop  - at class/function/procedure entry | X  X  X |  |  |  |
| Calls | Check function call formats.  - pointers  - parameters  - use of ‘&’ | X  X  X |  |  |  |
| Names | Check name spelling and use.  - Is it consistent?  - Is it within the declared scope?  - Do all structures and classes use ‘.’ reference? | X  X  X |  |  |  |
| Strings | Check that all strings are  - identified by pointers  - terminated by NULL | X  X |  |  |  |
| Pointers | Check that all  - pointers are initialized NULL  - pointers are deleted only after new  - new pointers are always deleted after use | X  X  X |  |  |  |
| Output Format | Check the output format.  - Line stepping is proper.  - Spacing is proper. | X  X |  |  |  |
| () Pairs | Ensure that () are proper and matched. |  |  |  |  |
| Logic Operators | - Verify the proper use of ==, =, ||, and so on.  - Check every logic function for (). | X  X |  |  |  |
| Line-by-line check | Check every line of code for  - instruction syntax  - proper punctuation | X  X |  |  |  |
| Standards | Ensure that the code conforms to the coding standards. | X |  |  |  |
| File Open and Close | Verify that all files are  - properly declared  - opened  - closed | X  X  X |  |  |  |