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| **Category Definition**  Any wood construction project built from hardwoods, dimensional lumber, or composite materials using conventional woodworking tools. |
| **Project Presentation**   1. The student, within the designated area, shall set up the project. 2. The project should be in “showroom condition” with any polish and or wax applied and excess removed prior to commencement of judging. 3. Any documentation, other than the entry card, should be held in a folder or notebook and should be clearly displayed. 4. Bed projects should be displayed with short (24” or less) rails to conserve space. 5. Fragile projects i.e. tall projects or those with glass shelving etc. should be displayed is such a manner as to prevent falling or other accidental damage, every effort should be made to secure such items. 6. ANY project that does not meet safety or display requirements may be moved or secured by TTCTE officials as they see fit and TTCTE officials will not be held responsible for damages if such actions are deemed necessary. |
| **Project guidelines**  Projects should be built to plan specifications. Plans may be hand drawn, CAD drawn, or purchased (magazine, internet, etc.) Projects may be useful or decorative in nature but need to be built using primarily conventional wood working tools, may be hand or power operated. |
| **Documentation**  The following items should be displayed within a folderor notebook.   1. Short biography of the student, why the student is taking the class, why they chose this project, what was learned and what changes they would make if starting the project again. 2. Detailed plans- may be hand drawn or computer generated 3. Plan of procedure- steps taken to complete the project, problems encountered, solutions used. 4. Documentation may include pictures of the process. |
| **Entry Card attachment**  Entry Cards need to be displayed in a plastic sleeve and affixed with tape to the project in a prominent location. TTCTE officials will not be held responsible for lost entry cards due to improper attachment. i.e. taped to an oily surface |

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|  | | **Ind.** | **Team** | **Mass** |
| 1 | 2 | 3 |
| **Turning - 1100 to 1400** | | | | |
| **Turning Pen & Pencil - 1100** |  |  |  |  |
| Wood turning Pen/Pencil Set -Manual | 1100 |  |  |  |
| Wood turning Pen or Pencil- Manual | 1101 |  |  |  |
| Wood turning Pen/Pencil Set - Machine (NON CNC) | 1102 |  |  |  |
| Wood turning Pen or Pencil- Machine (NON CNC) | 1103 |  |  |  |
|  |  |  |  |  |
| **Turnings Pen & Pencil from other materials (horn acrylic etc.)** | | | | |
| **other** turning Pen/Pencil Set -Manual | 1200 |  |  |  |
| **other** turning Pen or Pencil- Manual | 1201 |  |  |  |
| **other** turning Pen/Pencil Set - Machine (NON CNC) | 1202 |  |  |  |
| **other** turning Pen or Pencil- Machine (NON CNC) | 1203 |  |  |  |
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| **Turnings Projects** | | | | |
| Wood turning .25 bf up to 1.4 bf | 1300 |  |  |  |
| Wood turning 1.5 bf up to 7.9 bf | 1301 |  |  |  |
| Wood turning 8 bf and greater | 1302 |  |  |  |
|  |  |  |  |  |
| **Turning projects from other materials** | | | | |
| Other turning .25 bf up to 1.4 bf | 1310 |  |  |  |
| Other turning 1.5 bf up to 7.9 bf | 1311 |  |  |  |
| Other turning 8 bf and greater | 1312 |  |  |  |
|  |  |  |  |  |
| **Complex turning projects (chess sets etc.)** | | | | |
| All entries | 1400 |  |  |  |
|  |  |  |  |  |
| **Mill & Cabinetmaking - 1500** | | | | |
| **Wood Project Entries** | | | | |
| Wood entries 0.5 bf up to .9 bf | 1500 |  |  |  |
| Wood entries 1 bf up to 3.9 bf | 1501 |  |  |  |
| Wood entries 4 bf up to 9.9 bf | 1502 |  |  |  |
| Wood entries 10 bf up to 14.9 bf | 1503 |  |  |  |
| Wood entries 15 bf up to 19.9 bf | 1504 |  |  |  |
| Wood entries 20 bf up to 24.9 bf | 1505 |  |  |  |
| Wood entries 25 bf up to 29.9 bf | 1506 |  |  |  |
| Wood entries 30 bf up to 34.9 bf | 1507 |  |  |  |
| Wood entries 35 bf up to 39.9 bf | 1508 |  |  |  |
| Wood entries 40 bf up to 44.9 bf | 1509 |  |  |  |
| Wood entries 45 bf up to 49.9 bf | 1510 |  |  |  |
| Wood entries 50 bf up to 54.9 bf | 1511 |  |  |  |
| Wood entries 55 bf up to 59.9 bf | 1512 |  |  |  |
| Wood entries 60 bf up to 69.9 bf | 1513 |  |  |  |
| Wood entries 70 bf up to 79.9 bf | 1514 |  |  |  |
| Wood entries 80 bf up to 89.9 bf | 1515 |  |  |  |
| Wood entries 90 bf up to 99.9 | 1516 |  |  |  |
| Wood entries 100 bf and greater | 1517 |  |  |  |
|  |  |  |  |  |
| **DIMENSIONAL MATERIALS (2 x 4'S ETC.) - 1600** | | | | |
| Projects up to 19.9 bf | 1600 |  |  |  |
| Projects greater than 20 bf | 1601 |  |  |  |