Quality Work and Evaluation:

The evaluation of work involves making a judgment as to its level of quality. In order to help you to better understand the evaluation process and to know how to improve in your craft, you will receive feedback on your work that will address specific evaluation criteria. As your Professor, I will always be glad to communicate with you individually relative to your work, project and its evaluation in order to better clarify my observations and respond to any questions that might arise during the course of your work.

The evaluation of your work will reflect its relationship to the quality of work that is expected from beginning students in woodworking at the college level. As a learner, you are not in competition with your colleagues, but rather working as a community of learners to better acquire knowledge necessary to be successful in your craft. The object of this course is not to weed out students, but to provide fundamental concepts and skills that will encourage you to continue your quest further into the craft of woodworking. There is no limit to the number of “A's”, “B's”, etc. that can be earned by students in this course.

Project Quality:

The quality level of your response to the assigned projects will determine your basic grade for the semester. Project quality will be evaluated in terms of Participation, Completion, Craft and Design. The following guidelines will help to identify some of those items that are typically exhibited in quality work by dedicated craftsman.

- **Project Completion:** Project Completion recognizes that time is an important element in the design process and reflects the craftsman’s skill at managing it effectively in order to meet specific deadlines. High quality work is on time and completed as per specifications. Projects are due as specified in the course syllabus. Late projects are not an option for this course … plan accordingly.

- **Craft:** Craft evaluates both the skill and the understanding that is required in order to communicate ideas and is concerned with the level of quality of the visual communication in both its details and overall impression.

- **Craft Skill:** Quality craft meets presentation requirements plus constraints. Quality craft adds value to the presentation; it supports perceived quality.
Quality Wood Fabrication: Chosen woodworking joints fit tightly with no unintended gapping. Joinery does not come apart or loosen when handled for its intended purpose/function. Surfaces are clean and thoroughly abraded. Surfaces are free of all unnatural machine and hand-tool markings. The construction shows no unintended dirt, glue and/or other unsightly blemishes. Overall construction exhibits no unintended ragged edges or rough surfaces and the product will not deform, discolor or come apart.

Design: The demonstration of your understanding and creativity is a part of the evaluation of every problem. Design recognizes the effort required to generate and develop one’s ideas and is concerned with conceptual understanding and the generation of appropriate, inclusive, thoughtful, aesthetic and creative responses to the design concept. Design is concerned with both the overall ideas and their development and extension into the very details of the design concept/project.

Design Thoughtfulness and Creativity:
- Quality design exhibits an understanding and employment of previously learned concepts.
- Quality design addresses all problem issues and requirements/restraints.
- Quality design addresses all problem goals.
- Quality design exhibits an understanding and synthesis of problematic issues, goals, facts and requirements.
- A creative synthesis is one that creates new and meaningful relationships between problem elements.
- Quality design creates clear and appropriate patterns, hierarchies and contrasts that support into intentions.
- Quality design exhibits a clear organizational concept that affects the relationships between and development of all elements.
- Quality design exhibits a strong expressive mood or feeling.

Evaluation Scale: A letter grade will be assigned to each project base upon its quality. This grade will represent the judgment of the craftsman, a colleague and your Professor. The grade assigned will be indicative of the quality of your work as a craftsman in terms of both craft and design which for our purpose will share about equal importance. A grade will reflect both the elements of a solution and the solution as a whole. By this I mean, a grade is arrived at by both evaluating your response to individual requirements and issues and your specific solution as a whole. A design is both the sum of its parts and greater than the sum of its parts.

Grade Equivalency Scale:
- Grade of “A” 10 Points represents excellent quality.
- Grade of “A/B” 09 Points represents emerging excellence.
- Grade of “B” 09 Points represents Good overall quality.
- Grade of “B/C” 07 Points represents developing quality.
- Grade of “C” 06 Points represents low overall quality.
- Grade of “D” 05 Points represents poor overall quality.
- Grade of “F” 00 Points unacceptable/ incomplete quality.

NOTE: evaluator may give 0.5 increments of a value [i.e. 9.5].
**Instructional Objectives:**

- Consider constructing a prototype of your design solution if applicable in order to better develop and communicate a design solution.
- Make material and detailing decisions that support your design intention and construction processes.
- Make accurate drawings/sketches as a guide to the construction of your design solution.
- Operate a range of laboratory equipment employing appropriate safety procedures.
- Construct a design solution/product that exhibits a high level of craft.
- Develop a holistic [emphasizing the importance of the whole and the interdependence of its parts] approach to your design solution.

*Keep in mind, everything that you do is a reflection of who you are as a craftsman. If you do not care, it will be evident in your final product evaluation by all parties concerned. Conversely, if you take the time to work with due diligence, care and attention to quality, you will be successful. It is not only the destination that matters, but the journey.*

Some of the concepts contained within this rubric were borrowed from El Corral Publication 128-02 Department of Architecture; California Polytechnic State University, San Luis Obispo.
Bakersfield College
Industrial Technology
Introduction to Furniture/Cabinetmaking
Mr. S.J. Hageman, M.A.

Name: ____________________
Semester: _____________ Fall
______________ Spring
Week ________________

Woodworking B65ab
Advanced Cabinetmaking
Evaluation Rubric

Student Score: ________
Observations/Comments:

PROJECT COMPLETION:

A  B  C  D  F
____ Project completed on time.
Comments:

CRAFT: [35%]

A  B  C  D  F
____ Joints fit tightly with no untended gapping.
____ Joinery is secure and will not loosen under its intended function.
____ Type of joinery utilized reflects a high degree of quality for the functionality of the product.
____ Type of hardware and fasteners displays a high level of quality craftsmanship.
____ Installation of hardware and fasteners demonstrates a high level of craftsmanship.
____ Surfaces are clean and thoroughly abraded to a level indicative of the products functionality.
____ Surfaces are free of all unnatural/manmade blemishes.
____ Project finish applied as per specs and abraded smoothly without visible flaws relative to its functionality.
Comments:
DESIGN: [35%]

A  B  C  D  F

___ Exhibits an understanding/employment of learned design concepts.
___ Addresses all problem issues, requirements and constraints indicative of the design solution.
___ Surfaces are clean and thoroughly abraded relative to its end use.
___ Exhibits a strong visual expressive mood and/or feeling.
___ The end product exhibits functionality as per the original specifications and its end use.
___ Exhibits a clear organizational concept that affects the relationship between and development of all elements.
___ Creates clear and appropriate patterns, hierarchies and contrasts that support the intentions of the craftsman.
___ A creative synthesis that creates a new and meaningful relationship between problematic elements.
___ Exhibits an understanding and synthesis of problem issues, goals, facts and project specifications.
___ Design addresses and reflects all of the project design specifications.

Comments:

Materiality: [20%]

A  B  C  D  F

___ Material selections and application supports the design intentions of the craftsman.
___ Materials are joined cleanly and consistent with material properties.

Comments:

Bill of Materials: [10%]

A  B  C  D  F

___ To what level of detail has the Project Bill of Materials been completed and figures calculated. All solid lumber, masonite, hardware, adhesives, abrasive paper, biscuits, dowels, splines, finishes, etc. must be listed and accounted for in order to have a COMPLETE Bill of Materials. A total cost MUST be arrived at based on all data and listed on your Bill of Materials

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