

Appendix C

Western Wisconsin Technical College and University of Wisconsin – La Crosse
Collaboration of OTA and OT Programs
Therapeutic Media II 514-124 / Therapeutic Techniques II OT 414

Group Project - Adaptive Equipment

Purpose: To develop skills in assessment and intervention of a client's needs, practical selection/fabrication of adaptive equipment, professional collaboration and written/oral presentation.

Overview: Project groups of seven members will be comprised of OT and OTA students. The group will identify a target client/performance area, assess functional needs, plan and apply appropriate adaptation(s), identify resources and evaluate outcomes. The culmination of the project is a group presentation in class at the end of the semester.

Outline of Options:

Fabrication of Adaptive Equipment	Selection and Analysis of Adaptive Equipment
1. Identify a "client"	1. Select specific occupation from a recognized Occupational Performance Area
2. Assess client's needs in a significant area of occupational performance	2. Analyze usual performance of this occupation utilizing Form 3 in text
3. Develop plan/design for adaptive equipment	3. Meet your "virtual client"
4. Fabricate equipment	4. Plan gradations/adaptations for this client (utilizing Form 4 in text), to include applicable adaptive equipment
5. Trial, reassess and troubleshoot as needed; evaluate outcome of equipment for client	5. Locate the recommended adaptive equipment through available resources for presentation
6. Develop presentation/final paper	6. Develop presentation/final paper

Criteria and Guidelines:

- All members are expected to participate actively in all phases of the project; that is, the work should not be shouldered by part of the group or divided up so segmentally that some members do not know what the others are doing. The idea here is to collaborate... it may mean some delegation of portions of the project to be efficient and productive, but at the end, *the instructors should be able to ask any member of the group to describe any portion of the project.*
- Recognizing that time is a valuable resource for everyone, we suggest meeting with your group as early as possible to identify times/places to work. Also, be creative in forms of communication (i.e., phone conferencing, e-mail, common drop-off spot, etc.).
- The cost of the supplies and materials for the project is the responsibility of the group. This may be a factor in your choice of equipment or materials... most adaptations done in the clinic are relatively simple and cost effective, so if you find it's becoming expensive, then you may need to rethink your choices and ask, "Would this be practical for a client?" Also, be creative with your resources (i.e., garage sales and second hand shops, discount stores, recycling, donations, etc. for fabrication project... Websites, demo models, catalogs, discount stores, etc. for selection project).
- The following is a *suggested* timeline to keep your group on track:
 - Step 1 - within 1-2 weeks
 - Step 2 - by 4-5 weeks
 - Steps 3/4 - by 6-8 weeks
 - Step 5 - by 8-10 weeks
 - Step 6 - 1 week prior to presentation due date
- The group or its designated representatives should plan to meet with one or both of the instructors regularly for advisement; this is especially crucial before proceeding to the subsequent step of the project. Ongoing small group report assignments will be given to help you and the instructors monitor the group process.

- Confidentiality and appropriate permissions of use must be followed; that is, when working with a client from the community, measures should be taken to protect identity, inform the person(s) involved of the nature of the project and your involvement, and to obtain signed releases for any permanent images (photographs, video, etc.).

Grading Distribution and Expectations:

Adaptive Equipment - 50 points

- Meets the identified/assessed need and goals of the client
- Item works as planned and/or is relevant to the client's role, lifestyle, motivations, etc.
- Design/choice is practical (useable, durable, able to clean/maintain, safe, aesthetic, cost effective)
- Has a professional appearance and originality applied in design/plan (for Fabrication)
- Analyses are complete/accurate and sources for equipment is clearly identified (for Selection)

Group Presentation - 25 points

- Approximately 2 type-written pages as a final summation and assessment of the project
- Oral presentation should reflect a description of the client/need and any related concerns, problems, strengths, etc.; reference how the client's needs were assessed and the goal/outcome of the adaptation; include any pertinent information about the development/selection of the equipment (features desired, options considered or ruled out, any prototypes or in successful trials and what was learned from that); discuss the final results/choices of the equipment, both pros and cons and any further recommendations
- The presentation should include the equipment on display or a reasonable facsimile; include any other visual aids to make the project clear comprehensive, and *interesting!!* (e.g., photos of equipment in use, drawings or sketches of plans, sample prototypes, graphs or charts that reflect the item's use or success, client testimony, etc.) Be creative with your visuals to enhance the presentation.
- Should appear polished and professional (organized, neat, sharp, adheres to confidentiality standards)

Personal Presentation - 25 points

- Professional dress/appearance
- Poised, responsive and positive
- Able to answer questions and engage in active discussion of the project - knowledgeable on the topic
- Appropriate verbal and non-verbal communication

Total points for the project is 100, with all members of the group receiving the same grade

Have fun with this project and be creative! One of the neatest things about working with others is the energy and enthusiasm that comes out of brainstorming together and seeing your ideas become real. And it's an even greater thrill when the work you have done actually helps