



**Jordan University of Science and Technology**  
**Faculty of Applied Medical Sciences**  
**Occupational Therapy Department**

O.T220 Independent Living

Second Semester 2023-2024

**Course Catalog**

2 Credit Hours. This course is dedicated to understanding and promoting the concept of independent living for all people with disabilities. Independent living stands as one of the main goal of occupational therapy services. The concept and application of independent living is complex and multifaceted, as it requires the understanding of the interaction between the person, the occupation, and the environment, in order to establish an intervention strategy that promote independence. This course focuses on adapting the environment and occupations to promote the independence of people with disabilities in their daily activities. Specifically, we will discuss assistive technologies, environment assessments and modifications, low-vision rehabilitation, and community mobility and driving rehabilitation.

**Teaching Method:** Blended

**Text Book**

<b>Title</b>	Assistive Technologies: Principles and Practice
<b>Author(s)</b>	Albert Cook & Janice Polgar
<b>Edition</b>	4th Edition
<b>Short Name</b>	Textbook 1
<b>Other Information</b>	Mosby Elsevier

**Instructor**

Name	Dr. QUSSAI OBIEDAT
Office Location	-
Office Hours	Sun : 11:00 - 13:00 Mon : 14:30 - 15:30 Tue : 12:30 - 14:30 Wed : 10:30 - 11:30
Email	qmobiedat4@just.edu.jo

**Class Schedule & Room**

Section 2:

Lecture Time: Tue : 10:30 - 11:30

Room: N1303

**Prerequisites**

Line Number	Course Name	Prerequisite Type
1122030	O.T203 Fundamentals In Occupational Therapy Fundamentals Practical	Prerequisite / Study

**Tentative List of Topics Covered**

Weeks	Topic	References
Week 1	Course introduction	
Week 2	Assistive Technology Theories	<b>CH 1</b> From <b>Textbook 1</b>
Week 3	Introduction to Universal Design	<b>CH 2</b> From <b>Textbook 1</b>
Weeks 4, 5	Control Devices & Strategies	<b>CH 6 &amp; CH 7</b> From <b>Textbook 1</b>
Week 6	Independent Mobility: Seating and Positioning	<b>CH 9</b> From <b>Textbook 1</b>
Week 7	Independent Mobility: Wheelchairs	<b>CH 10</b> From <b>Textbook 1</b>
Week 9	Community Accessibility	<b>CH 2 &amp; CH 4</b> From <b>Textbook 1</b>
Week 10	Home Assessments and Modifications	<b>CH 4</b> From <b>Textbook 1</b>
Week 11	Information and communication technologies	<b>CH 8</b> From <b>Textbook 1</b>
Week 12	Robotics	<b>CH 4 &amp; CH 12</b> From <b>Textbook 1</b>
Week 13	Driving Rehabilitation	<b>CH 11</b> From <b>Textbook 1</b>
Week 14	Low Vision rehabilitation	<b>CH 13</b> From <b>Textbook 1</b>
Week 15	Environmental control	<b>CH 12</b> From <b>Textbook 1</b>

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
students will be able to identify different categories of assertive devices	10%	

**Relationship to Program Student Outcomes (Out of 100%)**

PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9

**Evaluation**

Assessment Tool	Weight

Medterm Exam	60%
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<b>Policy</b>	
Statement on Professionalism	Professional behavior is expected of students at all times. Attitude and professional behavior are a minimum criterion for passing this class. Repeated lack of professional behavior will result in failure of this course. Examples of unprofessional behavior include but are not limited to: missing classes, tardiness, lack of attention for a speaker, talking to others during lecture, passing food during lecture, leaving a lecture prior to its completion without prior authorization of the instructor, working on other class material during class, inappropriate dress for labs, and sleeping during class.
Attendance	Attendance is mandatory and the student is responsible for any information discussed in the lecture sessions. It is imperative to attend all classes!
Absences	According to Student Manual (Item 8: B, C & D), students are not allowed to be absent for more than 10% of lectures without any official excuse (and more than 20% with an official excuse). If a student exceeds either cases, he or she will not be allowed to sit for future course exams and will earn the least possible grade for the course (35%), unless the student had already withdrew from the course (according to item 13: B).
Exams	Exams may include essay and multiple choice questions. It is imperative to attend all exams. Absence in any exam requires the approval of the head of department and the faculty dean in order to prepare and take a Make-up exam.
Cheating	Cheating is prohibited! Any student caught cheating in exams will be held accountable and will be disciplined per university regulations. The instructor will follow JUST's roles and regulation in the cases of cheating and/or plagiarism.
Cell phone and pagers	Please do not use cell phones or pagers in class. If you are depended upon for anticipated emergencies please put cell phones on vibration mode and answer the phone outside the classroom.
Make-up will be granted in the following cases only:	Official university activities (with proper documentation) Extenuating circumstances (PRIOR approval should be obtained, or direct contact made with the instructor within 24 hours)
Expected work load	Students are expected to work sufficiently in order to ensure high learning quality. The students are expected to spend more time out of the class time preparing for the lectures/labs and dealing with the assignments.
Feedback	Concerns, complaints, questions, and/or feedback are appreciated and will be important for the instructor. You can contact your instructor using the e-mail: qmobiedat4@just.edu.jo

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