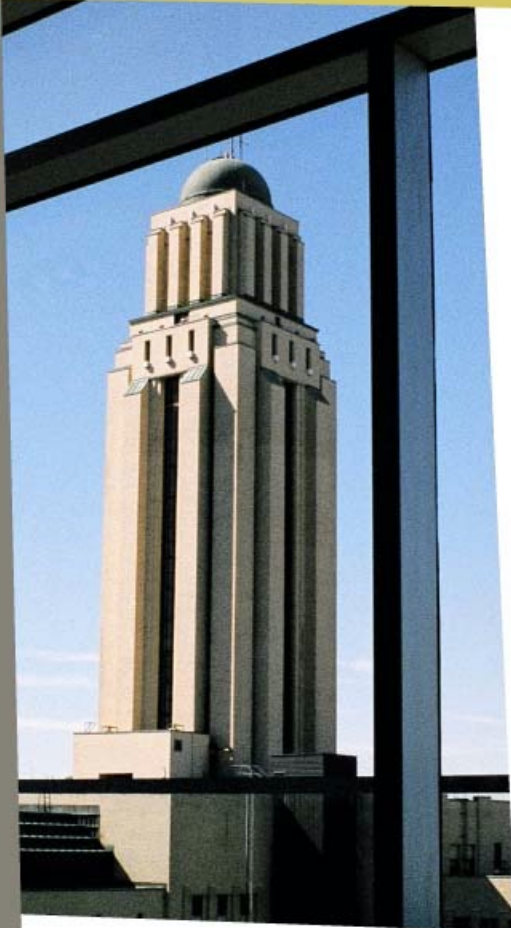




# Ergothérapie et l'utilisation du fauteuil roulant

ISWP Wheelchair Curriculum  
Integration Partner Meeting

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June 21, 2017

# Context

| Setting (Country)         | Education Degree                           | Profession (# of students) | State of Development of Wheelchair Course       | When in curriculum?                                                                |
|---------------------------|--------------------------------------------|----------------------------|-------------------------------------------------|------------------------------------------------------------------------------------|
| LRS #1 (Togo)             | Diploma                                    | P&O (16)<br>PT (20)        | in development                                  | P&O: 3 <sup>rd</sup> yr<br>PT: 2 <sup>nd</sup> yr                                  |
| LRS #2 (Sudan)            | Diploma                                    | P&O (15)                   | 1st time                                        | 1 <sup>st</sup> yr                                                                 |
| LMRS #1 (Honduras)        | College Degree, not Bachelor's             | FT (50-60)                 | in development                                  | 2 <sup>nd</sup> yr                                                                 |
| UMRS #1 (Colombia)        | Bachelor's                                 | PT (15-20)                 | in development                                  | 5 <sup>th</sup> , 6 <sup>th</sup> or 7 <sup>th</sup> semester (10 semesters total) |
| HRS #1 (Montréal, Canada) | Bachelor's/Professional Master's continuum | OT (51/110)                | 2 <sup>nd</sup> time ( <i>optional course</i> ) | Professional Master's level                                                        |
| HRS #2 (Canada)           | Professional Master's                      | OT (50)                    | established                                     | 1 <sup>st</sup> & 2 <sup>nd</sup> yr                                               |
| HRS #3 (US)               | Doctorate                                  | PT (40)                    | established                                     | 1 <sup>st</sup> , 2 <sup>nd</sup> & 3 <sup>rd</sup> yr                             |

LRS/LMRS/UMRS/HRS = low/low-middle/upper-middle/high resourced setting; P&O = Prosthetics & Orthotics; PT = Physiotherapy; FT = Functional Therapy; OT = Occupational Therapy; yr = year.



# Ergothérapie et l'utilisation du fauteuil roulant

| Content                                                                                                          | Delivery                                                                                                            | Evaluation                                                                                       |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| WSTP basic & intermediate packages                                                                               | 3 credit course (45 hours)<br><br>1 class (3-4 hours) per week for 16 weeks<br><br>Lecture<br>Lab<br>Online modules | Presentations<br><br>Mid-term<br><br>Participation<br><br>Final exam<br>- Written<br>- Practical |
| Wheelchair Skills Program ( <a href="http://www.wheelchairskillsprogram.ca">www.wheelchairskillsprogram.ca</a> ) |                                                                                                                     |                                                                                                  |
| Other pertinent assessments (e.g., WheelCon, LSA, WhOM) & interventions (WheelSeeU, Pittsburgh Maintenance Pkg)  |                                                                                                                     |                                                                                                  |
| ** culturally sensitive                                                                                          |                                                                                                                     |                                                                                                  |

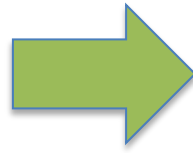


# Barriers & Facilitators to Integration of Wheelchair Content

| Barriers                                                     | Facilitators                                                                         |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Lack of wheelchair service provision services in the country | Support from university directors, chairs of programs, & students                    |
| Advocacy efforts large in scope                              | Collaborations (ex: wheelchair providers; content experts / experienced instructors) |
| Lack of equipment resources (ex: wheelchairs)                | Motivation (of students and professors); Flexibility of curriculum                   |
| Lack of space (ex: to run labs, to store equipment)          | Availability of space                                                                |
| Lack of time in curriculum                                   | Wheelchair donations & loans                                                         |
| Location of course (ex: time-consuming transit for students) | Access to materials supported by the WHO                                             |
| Poor Internet connection                                     | Location close to resources                                                          |
| Lack of training for professors in use of WSTPs              | Positive course evaluations & research study findings                                |
| Lack of support as mandatory course                          | Availability of optional courses in curriculums                                      |
|                                                              | Program type (ex: extension to Professional PhD)                                     |



**Barrier:**  
Lack of Space



**Solution:**  
Online Modules



# 5 Online modules

- ✓ Developed using Articulate Storyline 360
  - ✓ ~ 200 hours to develop 5 modules
- ✓ Modules included:
  - ✓ Written content, pictures, videos with commentary, links to resources, knowledge tests
- ✓ Student perspective:
  - ✓ ~ 20-45 minutes to complete each module
  - ✓ Well received by students as a pedagogic approach

# Online Modules

## 1. Evaluation of wheelchair skills

<https://360.articulate.com/review/content/3cee2edd-7a93-471c-88c3-c4fff67885d7/review>

## 2. Motor learning principles

<https://360.articulate.com/review/content/ca7eecbb-5bf5-467e-9cf7-958dfd52db51/review>

## 3. Wheelchair skills training (indoor & community)

<https://360.articulate.com/review/content/0ace0d1a-827e-4808-97d1-1895a5c26cc2/review>

# Online Modules

4. Wheelchair skills training (community)

<https://360.articulate.com/review/content/90208849-8e31-4b50-a774-2393d38da927/review>

5. Wheelchair skills training (advanced)

<https://360.articulate.com/review/content/10617616-03c7-4994-9bc0-6766f0725b94/review>