

Course Syllabus and Lesson Plan

RSRS636 Practicum on Assistive Technology 3 (0-9-0)

Academic Year 2018

Course Title: Practicum on Assistive Technology

Course Code: RSRS636

Duration: First semester

Pre-Requisite: RSRS530, RSRS531 and RSRS 533

Course Homepage: http://www.rs.mahidol.ac.th/academic/master_degree-rehabilitation.html

Course Description:

Providing assistive technology services by working with professionals and related persons. Planning, selecting, adapting, developing, acquiring, writing manual, operation, recommendation and maintenance of assistive technology. Follow-up and assessment of the use of assistive technologies for persons with disabilities. Evaluate effectiveness of assistive technology services and service system. Coordinate with other professionals and make referrals when necessary.

การให้บริการเทคโนโลยีสิ่งอำนวยความสะดวกร่วมกับนักวิชาชีพและผู้ที่เกี่ยวข้อง เพื่อการวางแผน เลือกรับใช้ ปรับใช้ พัฒนา จัดทำคู่มือแนะนำการใช้งาน และการบำรุงรักษา ติดตามและ ประเมินผลการใช้เทคโนโลยีสิ่งอำนวยความสะดวกของคนพิการ การประเมินประสิทธิภาพของการ ให้บริการเทคโนโลยีสิ่งอำนวยความสะดวก และระบบการให้บริการ การประสานงานกับนักวิชาชีพอื่นและ ส่งต่อในกรณีที่จำเป็น

Course Objectives: At the end of this course, the students will be able to

1. Demonstrate the evaluation and analysis of evaluation for applying the assistive technology for persons with disabilities
2. Demonstrate the service of assistive technology for persons with disabilities
3. Demonstrate the sufficiency of working together with other professionals
4. Recommend the service system or model related to assistive technology for persons with disabilities at the working place

Week	Times	Practice	SDL	Topics	Lecturer/Clinical Instructor				Place
1	13.30- 15.30	2		Introduction course and criteria for practice	WK				Ratchasuda College
	8.00- 16.00	7		Practice	CI				Practicum Site
2	8.00- 16.00	7		Practice	CI				Practicum Site
	8.00- 10.00	2		Practice	CI				Practicum Site
3	8.00- 12.00	4		Case Presentation (Case 1)	WK	SK	PW	CI	Practicum Site
	8.00- 14.00	5		Practice	CI				Practicum Site
4	8.00- 16.00	7		Practice	CI				Practicum Site
	8.00- 10.00	2		Practice	CI				Practicum Site
5	8.00- 16.00	7		Practice	CI				Practicum Site
	8.00- 10.00	2		Practice	CI				Practicum Site
6	8.00- 14.00	5		Practice	CI				Practicum Site
	13.00- 16.00	3		Case Presentation (Progression) (Case 1)	WK	SK	PW	CI	Practicum Site
	8.00- 12.00	4		Practice	CI				Practicum Site

Week	Times	Practice	SDL	Topics	Lecturer/Clinical Instructor				Place
7	8.00-12.00	4		Practice	CI				Practicum Site
	8.00-10.00	2		Practice	CI				Practicum Site
8	8.00-16.00	7		Practice	CI				Practicum Site
	8.00-10.00	2		Practice	CI				Practicum Site
9	8.00-14.00	5		Practice	CI				Practicum Site
	8.00-16.00	7		Practice	CI				Practicum Site
10	8.00-10.00	2		Practice	CI				Practicum Site
11	8.00-12.00	4		Case Presentation (Case 2)	WK	SK	PW	CI	Practicum Site
12	8.00-10.00	2		Practice	CI				Practicum Site
13	8.00-15.00	6		Practice	CI				Practicum Site
14	8.00-16.00	7		Practice	CI				Practicum Site
15	8.00-10.00	2		Practice	CI				Practicum Site
16	9.00-12.00	3		Case Presentation (Progression) (Case 2)	WK	CI		SK	Practicum Site

Week	Times	Practice	SDL	Topics	Lecturer/Clinical Instructor				Place
17	8.00-16.00	7		Practice	CI				Practicum Site
18	8.00-10.00	2		Practice	CI				Practicum Site
19	8.00-16.00	7		Practice	CI				Practicum Site
20	8.00-16.00	7		Practice	WK	CI		SK	Practicum Site
21	8.00-10.00	2		Conclusion and Comment from Practice	CI				Practicum Site

Course Outlines:

Teaching Methods: Practice, Presentation, Assignment and Discussion

Evaluation of Student Achievement Grading system:

Course Objectives	Evaluations	Marks	
1. Demonstrate the evaluation and analysis of evaluation for applying the assistive technology for persons with disabilities	Presentation	2	30
	Report or Assignment	2	
	Knowledge	5	
	Analysis	10	
	Practice	11	
2. Demonstrate the service of assistive technology for persons with disabilities	Presentation	2	30
	Report or	2	

	Assignment		
	Knowledge	7	
	Analysis	8	
	Practice	11	
3. Demonstrate the sufficiency of working together with other professionals	Presentation	2	30
	Report or Assignment	2	
	Knowledge	5	
	Analysis	6	
	Practice	15	
4. Recommend the service system or model related to assistive technology for persons with disabilities at the working place	Presentation	2	10
	Report or Assignment	2	
	Knowledge	2	
	Analysis	2	
	Practice	2	
Total			100

A = 80-100 Marks

B+ = 75-79 Marks

B = 70-74 Marks

C+ = 65-69 Marks

C = 60-64 Marks

D+ = 55-59 Marks

D = 50-54 Marks

F < 50 Marks

Course Evaluation: Questionnaire about contents, teaching processes, examinations and instructor performance.

Required Textbook

- Albert M. Cook, Janice M Polgar (2015). “Assistive technologies: principles and practice”
Fourth edition. United States of America. Elsevier

Other References

- Follow the instruction of lecture in each topic

Course Coordinators

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