

Course Syllabus and Lesson Plan

RSRS535 Current Topics in Assistive Technology 3 (3-0-6)

Academic Year 2018

Course Title: Current Topics in Assistive Technology

Course Code: RSRS535

Duration: Second semester

Pre-Requisite: No

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

Course Description:

Intensive examining, analysis and criticism of research, innovation and advancement in assistive technology

การศึกษาเชิงลึก การวิเคราะห์ และวิพากษ์ เกี่ยวกับการวิจัย นวัตกรรม และความก้าวหน้าด้านเทคโนโลยี
สิ่งอำนวยความสะดวก

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

1. Research and evaluate research publication in related to the assistive technology for PWDs
2. Analyze and criticize research in related to the assistive technology for PWDs
3. Analyze and criticize innovation in related to the assistive technology for PWDs
4. Integrate research and innovation, in related to the assistive technology for PWDs, to the proposal plan

Course Outlines:

Week	Topics	Teaching time		กิจกรรมการเรียนรู้ สอน และสื่อที่ใช้	อาจารย์ผู้สอน
		Lecture	Activity in class		
1	Introduction Course Searching, Critical Appraisal & Systematic Review	0	6	Assignment, Discussion	Asst. Prof. Warin Asst. Prof. Nopporn
2	Searching, Critical Appraisal & Systematic Review (No. 1-3)	0	6	Assignment, Discussion, Presentation	Asst. Prof. Warin, Dr.. Suchitra, Dr.Paranee
3	Innovation and Research in Assistive Technooogy 1	0	6	Assignment, Discussion, Presentation	Asst. Prof. Warin, Dr.. Suchitra, Dr.Paranee
4	Innovation and Research in Assistive Technooogy 2	0	6	Assignment, Discussion, Presentation	Asst. Prof. Warin, Dr. Suchitra, Dr.Paranee
5	Innovation and Research in Assistive Technooogy 3	0	6	Assignment, Discussion, Presentation	Asst. Prof. Warin, Dr. Suchitra, Dr.Paranee
6	Innovation and Research in Assistive Technooogy 4	0	6	Assignment, Discussion, Presentation	Asst. Prof. Warin, Dr. Suchitra, Dr.Paranee
7	Innovation and Research in Assistive Technooogy 5	0	6	Assignment, Discussion, Presentation	Asst. Prof. Warin, Dr. Suchitra, Dr.Paranee
8	Innovation and Research in Assistive Technooogy 6	0	6	Assignment, Discussion, Presentation	Asst. Prof. Warin, Dr. Suchitra,

Week	Topics	Teaching time		กิจกรรมการเรียนรู้	อาจารย์ผู้สอน
					Dr.Paranee
9	Innovation and Research in Assistive Technooogy 7	0	6	Assignment, Discussion, Presentation	Asst. Prof. Warin, Dr. Suchitra, Dr.Paranee
10	Innovation and Research in Assistive Technooogy 8	0	6	Assignment, Discussion, Presentation	Asst. Prof. Warin, Dr. Suchitra, Dr.Paranee
11	Innovation and Research in Assistive Technooogy 9	0	6	Assignment, Discussion, Presentation	Asst. Prof. Warin, Dr. Suchitra, Dr.Paranee
12	Innovation and Research in Assistive Technooogy 10	0	6	Assignment, Discussion, Presentation	Asst. Prof. Warin, Dr. Suchitra, Dr.Paranee
13	Innovation and Research in Assistive Technooogy 11	0	6	Assignment, Discussion, Presentation	Asst. Prof. Warin, Dr. Suchitra, Dr.Paranee
14	Innovation and Research in Assistive Technooogy 12	0	6	Attend the International Conference 2019	Asst. Prof. Warin, Dr. Suchitra, Dr.Paranee
15	Innovation and Research in Assistive Technooogy 12	0	6	Presentation (Tentative Proposal)	Asst. Prof. Warin, Dr. Suchitra, Dr.Paranee
	รวม	0	90		

Teaching Methods: Lecture, Presentation, Assignment and Discussion

Evaluation of Student Achievement Grading system:

Course Objectives	Evaluations	Marks	
1. Research and evaluate research publication in related to the assistive technology for PWDs	Presentation	5	30
	Report or Assignment	5	
	Knowledge	10	
	Analysis	10	
2. Analyze and criticize research in related to the assistive technology for PWDs 3. Analyze and criticize innovation in related to the assistive technology for PWDs	Presentation	5	30
	Report or Assignment	5	
	Knowledge	10	
	Analysis	10	
4. Integrate research and innovation, in related to the assistive technology for PWDs, to the proposal plan	Presentation	5	40
	Report or Assignment	5	
	Knowledge	10	
	Analysis	10	
	Integrate	10	
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, and instructor performance.

Required Textbook

International or national publication related to the Assistive Technology for PWDs

Other References

- Follow the instruction recommend

Course Coordinators

Assist. Prof. Dr. Warin Krityakiarana

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University

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