UNIVERSITI TEKNOLOGI MARA

GDM686: ASSISTIVE TECH CONTENT

Course Name (English)	ASSISTIVE TECH CONTENT APPROVED
Course Code	GDM686

MQF Credit	3

Course Description	This course provides students with interdisciplinary training in assistive technology content. Students will discover regarding explicit disabilities and their impact on major life activities, become familiar with present legislation relating to assistive technology, gain experience with a range of assistive technology devices and products, discover a theoretical framework from which to make assistive technology assessment and intervention decisions, decide how to match appropriate assistive technology options with end users needs and preferences. Students will be evaluated not only on the course content from lectures and reading, but also on their performance in individual and team assistive technology activities, GUI interactions, contributions to class and case-study discussions, and attendance in class.

Transferable Skills	Communication skill Technical skill

Teaching Methodologies	Lectures, Blended Learning, Studio, Tutorial, Self-directed Learning, Supervision

CLO		
	CLO1	Compare knowledge and ability to express design solutions across a wide range of media platforms inline with the concept and meaning of Assistive Technology.
	CLO2	Construct idea samples of Assistive Technology that can be applied in the different major content areas.
	CLO3	Demonstrate good values, ethics and moral issues related to Assistive Technology-enhanced content through online collaborative group discussions and reflect upon student experiences.

Pre-Requisite Courses	No course recommendations

Reading List	Recommended Text	• **Kathleen Curry Sadao,Nancy B. Robinson 2010, *Assistive Technology for Young Children*, Paul H Brookes Publishing Company [ISBN: 1598570919]** • **Marty Bray,Abbie Brown,Timothy D. Green 2004, *Technology and the Diverse Learner*, Corwin Press [ISBN: 0761931724]** • **Semita consulting (Author),Tanya Savko (Editor), Serrae James (Editor), Amber Robles (Editor), Jason Curtright (Editor), David Van Hook (Foreword) 2015, *The Assistive Technology Resource Guide: for Apps, Websites, Software and more (Assistive Technology for Everyone Book 1)*, Semita Consulting a division of Living Opportunities, Inc.**
	Reference Book Resources	• **Gregory Church 1992, *The Handbook of Assistive Technology*, Singular [ISBN: 1879105535]**

Article/Paper List	Recommended Article/Paper Resources	• **Terence Cavanaugh 2002, The need for assistive technology in educational technology, *AACE Journal*, Volume 10, Number 1, 2002 [ISSN: 1065-6901]**
Other References	This Course does not have any other resources	

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