Intensification of Online Learning

http://slidesha.re/1tFNu5U

Mohamed Amin Embi

Centre for Teaching & Learning Technologies
Universiti Kebangsaan Malaysia

- Public HEI's perspectives (MEIPTA)
- Critical Agenda Projects (CAPs), e-Learning
- Interim Review of National e-Learning Policy (DePAN)
- Development of e-Learning Guidelines for Malaysian HEIs

MEIPTA

DASAR e-PEMBELAJARAN NEGARA

Institusi Pengajian Tinggi

KEMENTERIAN PENGAJIAN TINGGI MALAYSIA

Interim Review of DePAN

- 20 Malaysian Public HEIs (e-Learning Co-ordinators + ICT Managers)
- DePAN Components & Sub-components
- Current Achievement of KPI (Phase 2)

Rajah 1: Lima Tunggak e-Pembelajaran

Revised Main Components

Current Version

- Infrastructure
- Organizational Structure
- Curriculum & e-Content
- Professional Development
- Acculturation

Proposed New Version

- Infrastructure & Infostructure
- Organizational Structure
- e-Content Development
- Online Pedagogy (T&L)
- Professional Development
- Acculturation

Revised Additional Sub-components

- Wifi Coverage (Infrastructure)
- Human Resource (Infrastructure or Organizational Structure)
- Financial Planning & Allocation (Organizational Structure)
- ID (Content Development or Professional Development)
- Publication Equivalence (Acculturation)

Current KPI Achievements

- Phase 1: 2011-2012
- Phase 2: 2013-2014 (Current)
- Phase 3: 2015 onwards

IT Infrastructure

	Tercapai sepenuhnya	Tercapai sebahagiannya	Langsung tidak tercapai	Tidak pasti (susah untuk diukur)	Total
Menyediakan antara 100-500 MB jalur lebar dan 75% capaian	50.00% 10	40.00% 8	10.00% 2	0.00% 0	20
Mempunyai khidmat helpdesk dan sistem sokongan	35.00% 7	50.00% 10	15.00% 3	0.00% 0	20
Menggunakan plantar e-pembelajaran 2.0 dan perisian terbuka	30.00% 6	55.00% 11	0.00% 0	15.00% 3	20

Infrastructure

Bandwith

Fully Achieved	**50%**
Partially Achieved	40%
Not Achieved	10%
Not Sure	0%

Infrastructure

Helpdesk & Support System

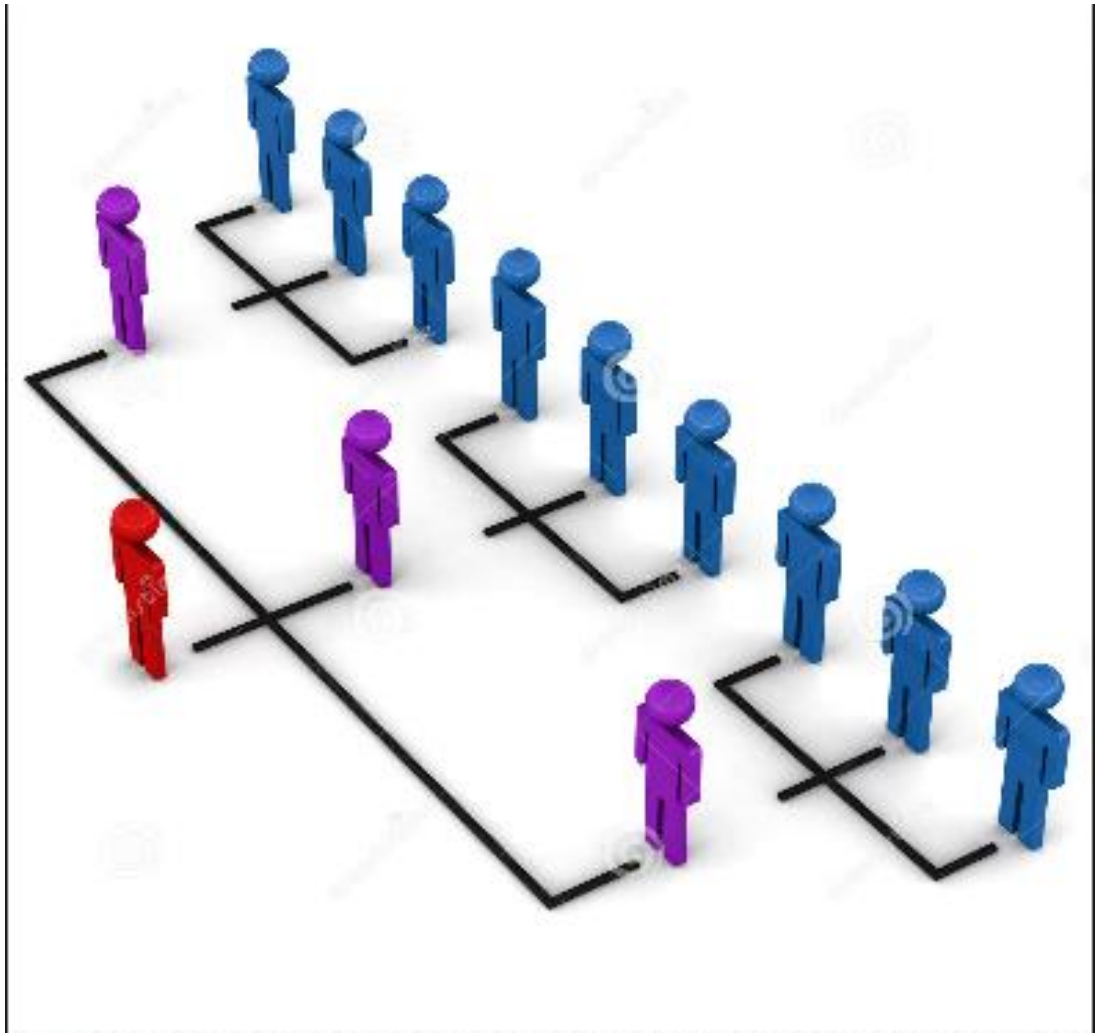
Fully Achieved	**35%**
Partially Achieved	50%
Not Achieved	15%
Not Sure	0%

Infrastructure

LMS 2.0

Fully Achieved	**30%**
Partially Achieved	5%
Not Achieved	0%
Not Sure	15%

Organizational Structure



	Tercapai sepenuhnya	Tercapai sebahagiannya	Langsung tidak tercapai	Tidak pasti (susah untuk diukur)	Total
Visi IPT ini telah diintegrasikan sepenuhnya dalam P & P	**23.81%** 5	**66.67%** 14	**4.76%** 1	**4.76%** 1	21
Pelan tindakan e-pembelajaran yang komprehensif telah dilaksanakan	**15.00%** 3	**65.00%** 13	**15.00%** 3	**5.00%** 1	20
Pasukan e-pembelajaran dimantapkan	**33.33%** 7	**57.14%** 12	**4.76%** 1	**4.76%** 1	21
Polisi e-pembelajaran telah diperkemas	**28.57%** 6	**61.90%** 13	**9.52%** 2	**0.00%** 0	21
Unit e-pembelajaran telah beroperasi pada tahap 50%	**57.14%** 12	**28.57%** 6	**14.29%** 3	**0.00%** 0	21

Organizational Structue

Comprehensive e-Learning Plan

Fully Achieved	**15%**
Partially Achieved	65%
Not Achieved	15%
Not Sure	5%

Organizational Structure

Updated e-Learning Policy

Fully Achieved	**28%**
Partially Achieved	62%
Not Achieved	10%
Not Sure	0%

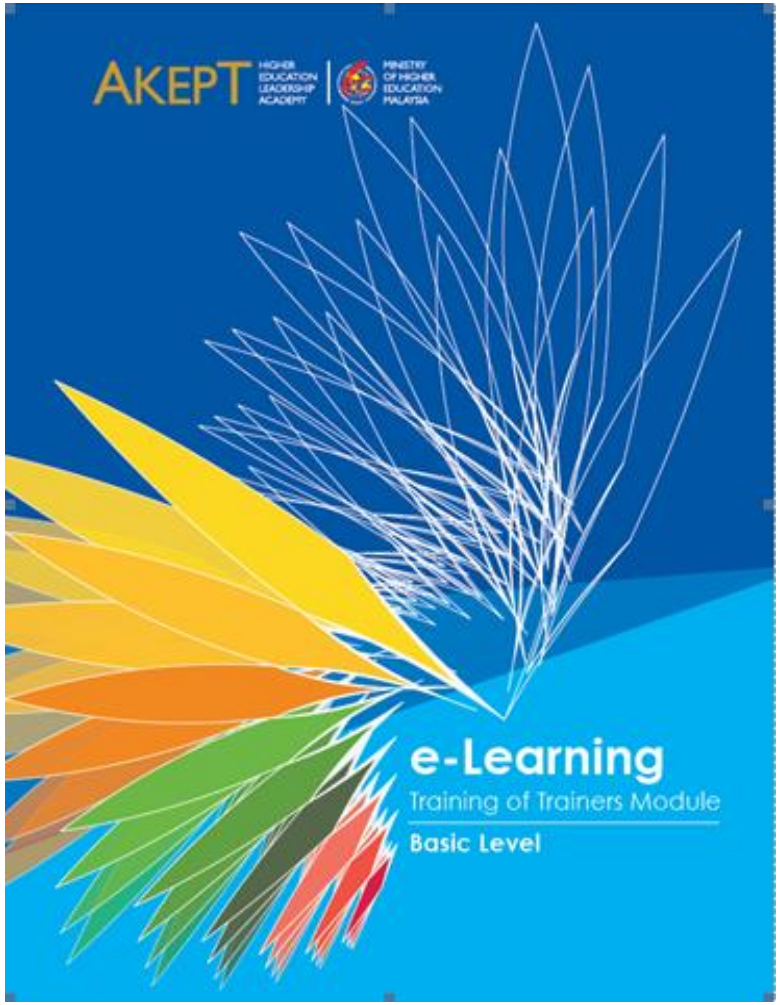
PROFESSIONAL
DEVELOPMENT

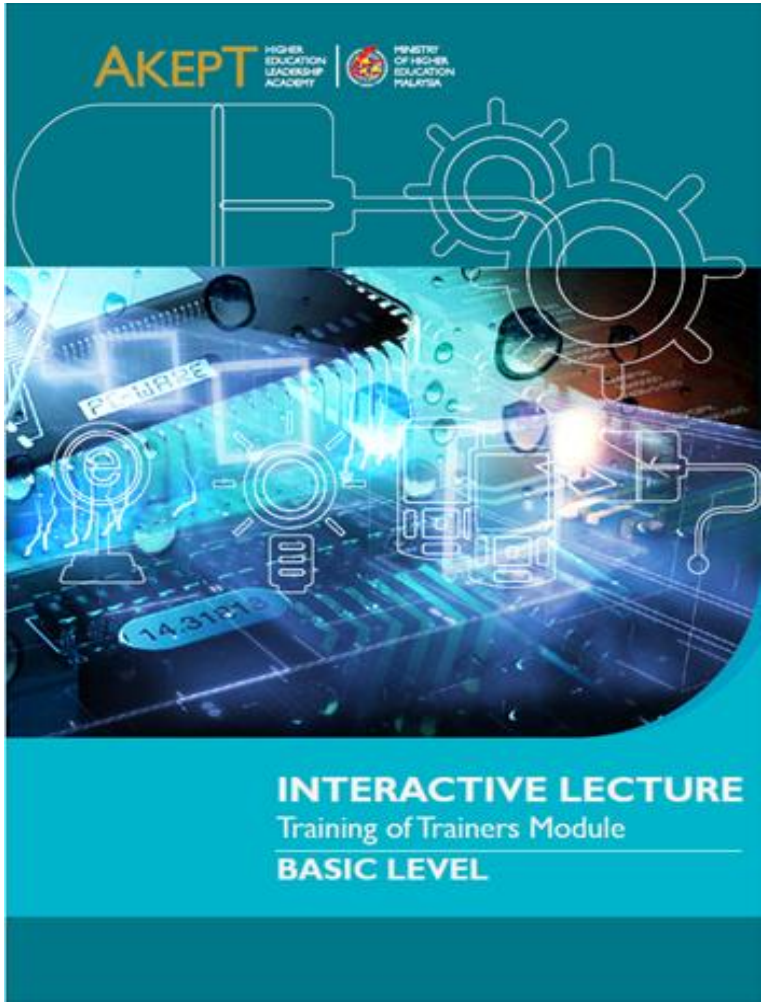
	Tercapai sepenuhnya	Tercapai sebahagiannya	Langsung tidak tercapai	Tidak pasti (susah untuk diukur)	Total
50% staf dan pelajar mempunyai kemahiran dalam pedagogi dan mengamalkannya	25.00% 5	50.00% 10	20.00% 4	5.00% 1	20
50% staf dan pelajar mempunyai kemahiran dalam pedagogi dan literasi maklumat di IPT	20.00% 4	60.00% 12	15.00% 3	5.00% 1	20
50% staf dan pelajar IPT mempunyai sikap yang positif terhadap e-pembelajaran	25.00% 5	60.00% 12	10.00% 2	5.00% 1	20

Professional Development

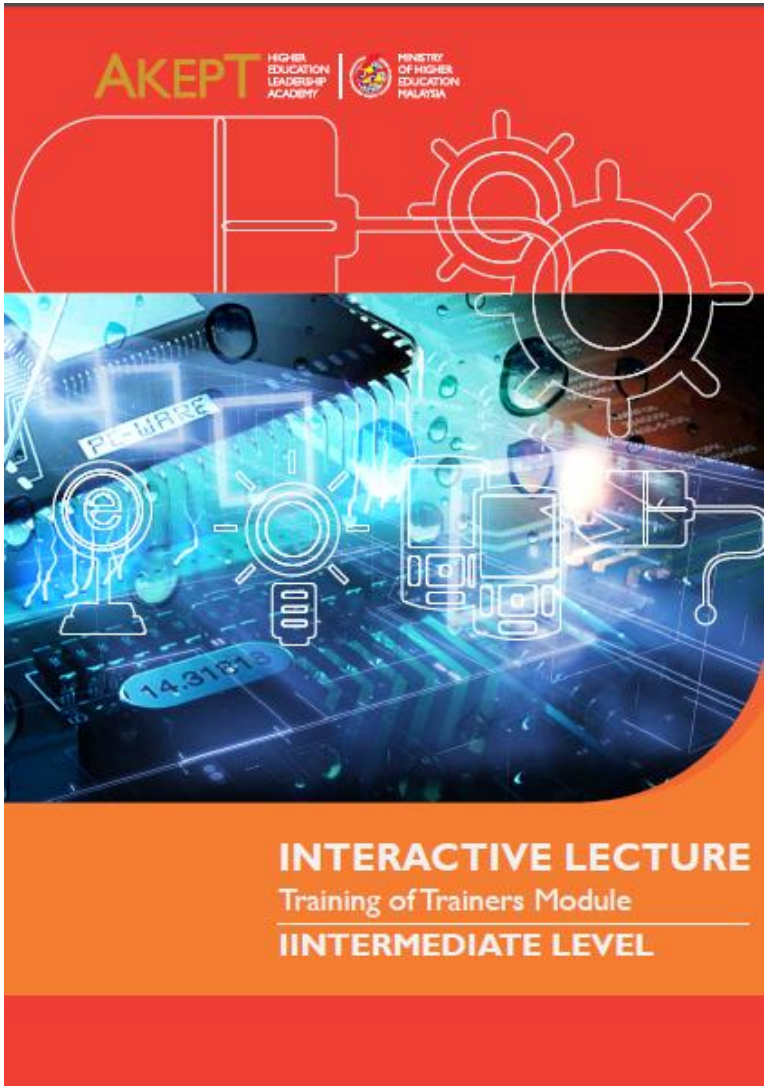
Competency in e-Learning Pedagogy

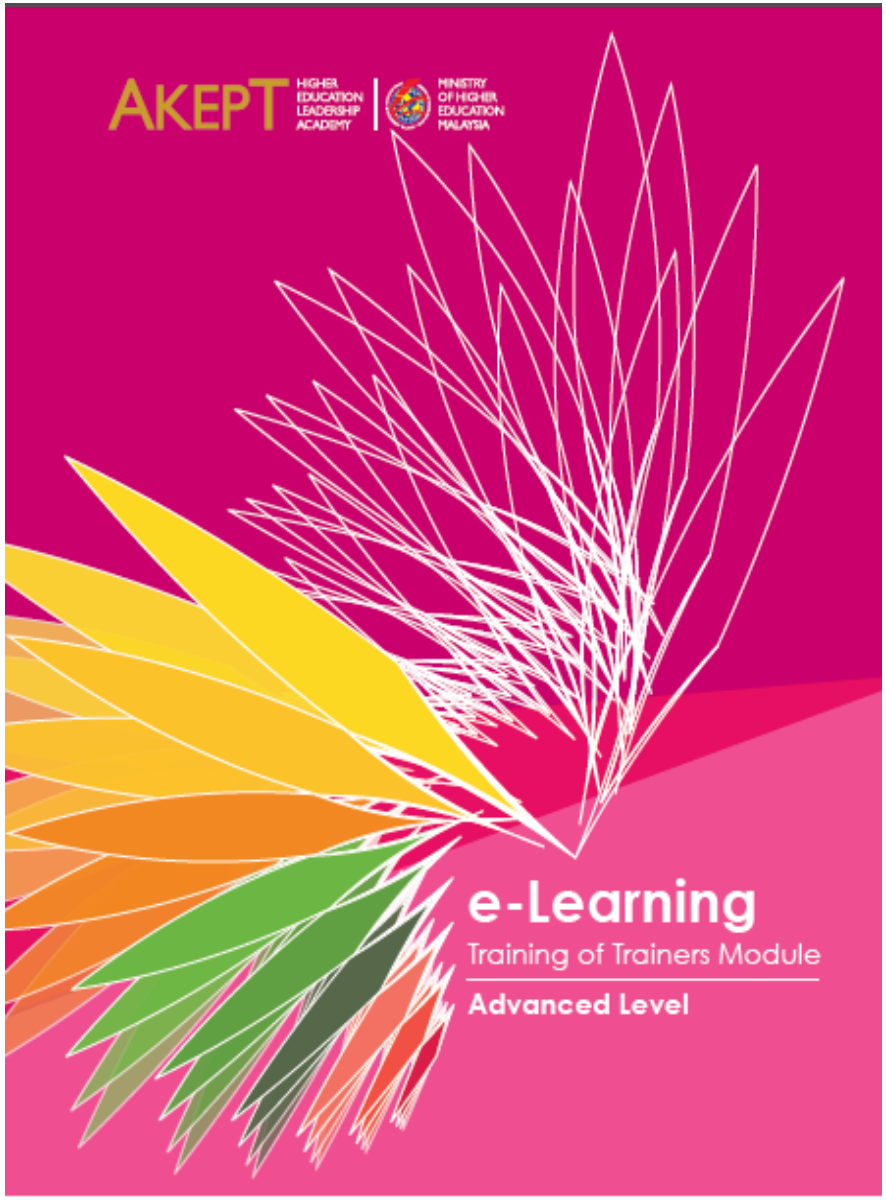
Fully Achieved	**20%**
Partially Achieved	60%
Not Achieved	15%
Not Sure	5%

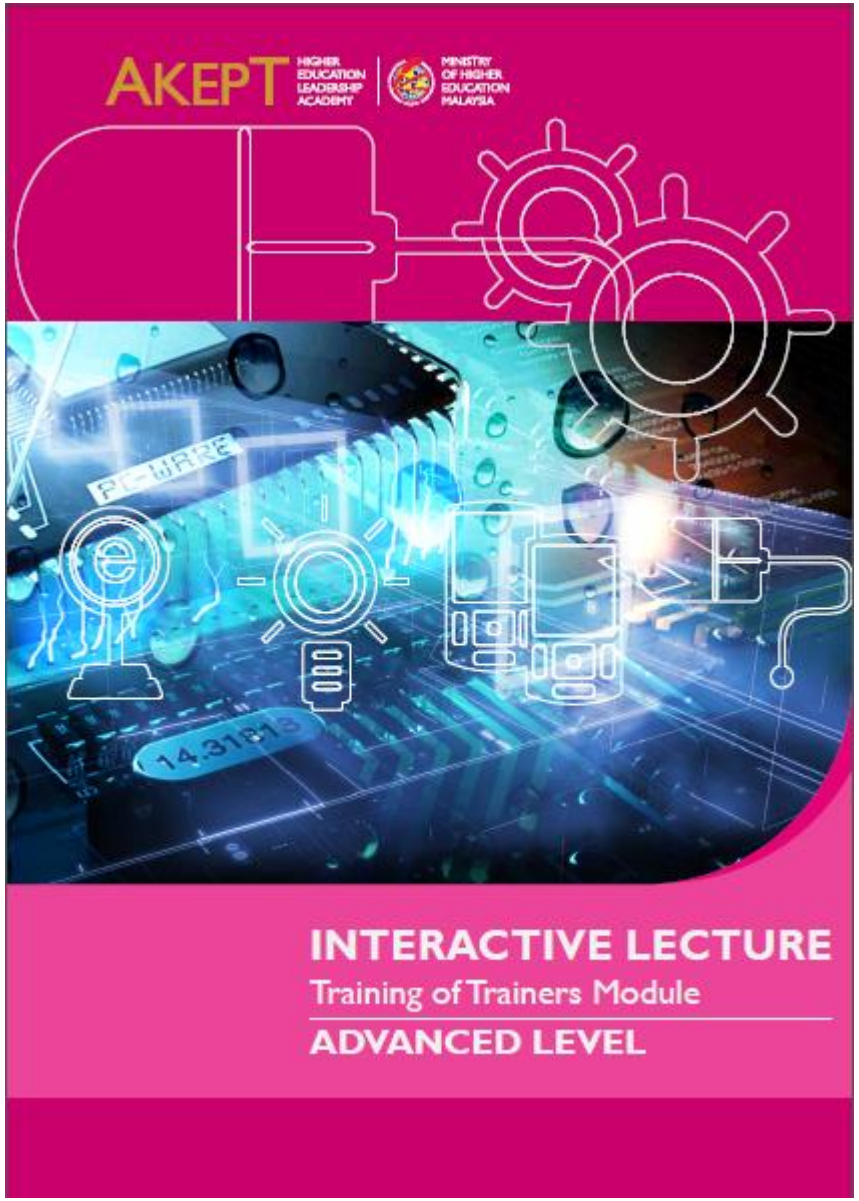

AKEPT
HIGHER EDUCATION LEADERSHIP ACADEMY
MINISTRY OF HIGHER EDUCATION MALAYSIA
e-Learning
Training of Trainers Module
Basic Level


AKEPT
HIGHER EDUCATION LEADERSHIP ACADEMY
MINISTRY OF HIGHER EDUCATION MALAYSIA
INTERACTIVE LECTURE
Training of Trainers Module
BASIC LEVEL

AKEPT
HIGHER EDUCATION LEADERSHIP ACADEMY
MINISTRY OF HIGHER EDUCATION MALAYSIA
e-Learning
Training of Trainers Module
Intermediate Level


AKEPT
HIGHER EDUCATION LEADERSHIP ACADEMY
MINISTRY OF HIGHER EDUCATION MALAYSIA
INTERACTIVE LECTURE
Training of Trainers Module
IINTERMEDIATE LEVEL


AKEPT
HIGHER EDUCATION LEADERSHIP ACADEMY
MINISTRY OF HIGHER EDUCATION MALAYSIA
e-Learning
Training of Trainers Module
Advanced Level


AKEPT
HIGHER EDUCATION LEADERSHIP ACADEMY
MINISTRY OF HIGHER EDUCATION MALAYSIA
INTERACTIVE LECTURE
Training of Trainers Module
ADVANCED LEVEL

Akept

Admin

Prof Dr Mohamed Amin Embi

Welcome Prof Dr Mohamed Amin Embi

AKEPT Training Session

Activities	
enrolled to course roster	2014-06-17 07:02:55
enrolled to course roster	2014-05-31 02:02:29
enrolled to course roster	2014-05-17 02:19:35
create group ELG2 course group	2014-04-14 07:36:37
upload file e-learning Module_Basic Level.pdf course file	2014-04-14 00:23:35
enrolled to course roster	2014-04-13 07:34:07
enrolled to course roster	2014-03-23 05:11:28
upload file e-learning Module_Basic Level.pdf course file	2014-02-17 02:30:40
create group Task course group	2014-02-17 01:43:41

Enrolled Courses
E-Learning Intermediate 26 November 2013 E-learning Intermediate Level
Interactive Lecture (Basic) 10-14th Feb 2014 Interactive Lecture Basic Level
E-learning (Basic) 17-21 February 2014 E-learning Basic Level
Advanced 24-25th March 2014 E-learning Advanced Level
Basic E-learning 14-18 April 2014 E-learning Basic Level
Interactive Lecture Basic 19-23 May 2014 Interactive Lecture Basic Level
3-6 Jun 2014 E-learning (Intermediate) E-learning Intermediate Level
18 Jun 2014 Intermediate Interactive Lecture Interactive Lecture Intermediate Level

1. Instructional Design Models for Developing e-Learning Contents

1.1 Instructional Design Principles

1.2 Learning Domains

1.3 Instructional Design Models

1.4 Summary and Additional Resources

1.5 End of Chapter Assessment

2. Authoring Tools for Developing e-Learning Contents

2.1 Authoring Tools

2.2 Types of e-Learning Authoring Tools

2.3 Desktop Authoring Tools

2.4 Server-Based or Web Authoring Tools

2.5 Criteria in Selecting Appropriate Authoring Tools

2.6 Summary and Additional Resources

2.7 End of Chapter Assessment

SOTL
Symposium on e-Learning & Interactive Lecture
19 - 20 August 2014
AKEPT, Ministry of Education
2 Ucaptama
1 Sesi Plenari
20 Kertas Kerja
Jointly Organized by:
AKEPT
&
Centre for Teaching & Learning Technologies,
Universiti Kebangsaan Malaysia
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CTLT: Cik Rozleen
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MINISTRY OF EDUCATION MALAYSIA
AKEPT
CTLT

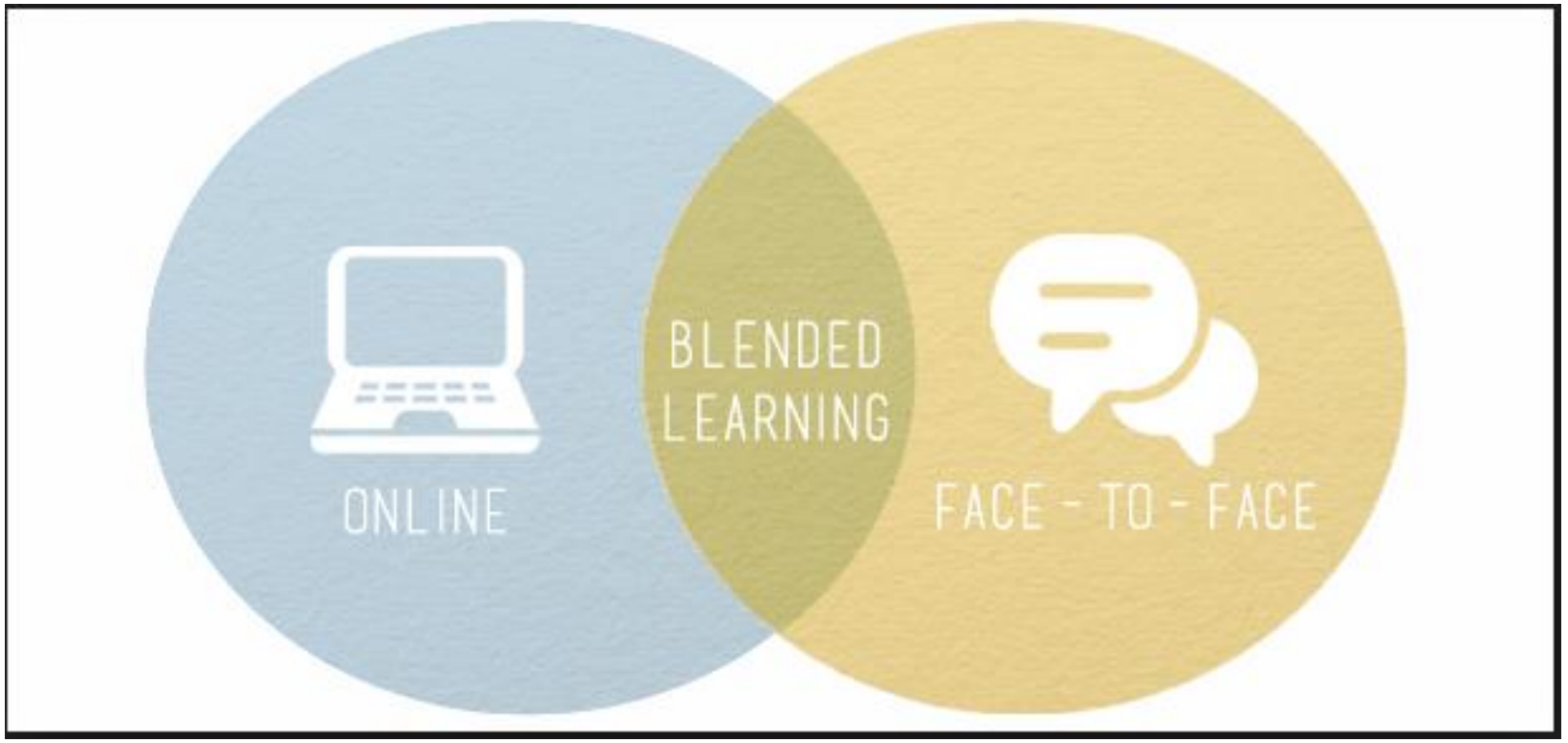
Content
Development

	Tercapai sepenuhnya	Tercapai sebahagiannya	Langsung tidak tercapai	Tidak pasti (susah untuk diukur)	Total
Semua IPT harus mempunyai 10-30% kurikulum kursus dalam mod blended	38.10% 8	57.14% 12	4.76% 1	0.00% 0	21
25% e-kandungan asli dapat dibangunkan	0.00% 0	61.90% 13	23.81% 5	14.29% 3	21
Peningkatan terhadap aktiviti e-penaksiran	4.76% 1	71.43% 15	19.05% 4	4.76% 1	21
Piawai standard e-pembelajaran telah digubal dan dinilai untuk pelaksanaan	9.52% 2	57.14% 12	28.57% 6	4.76% 1	21

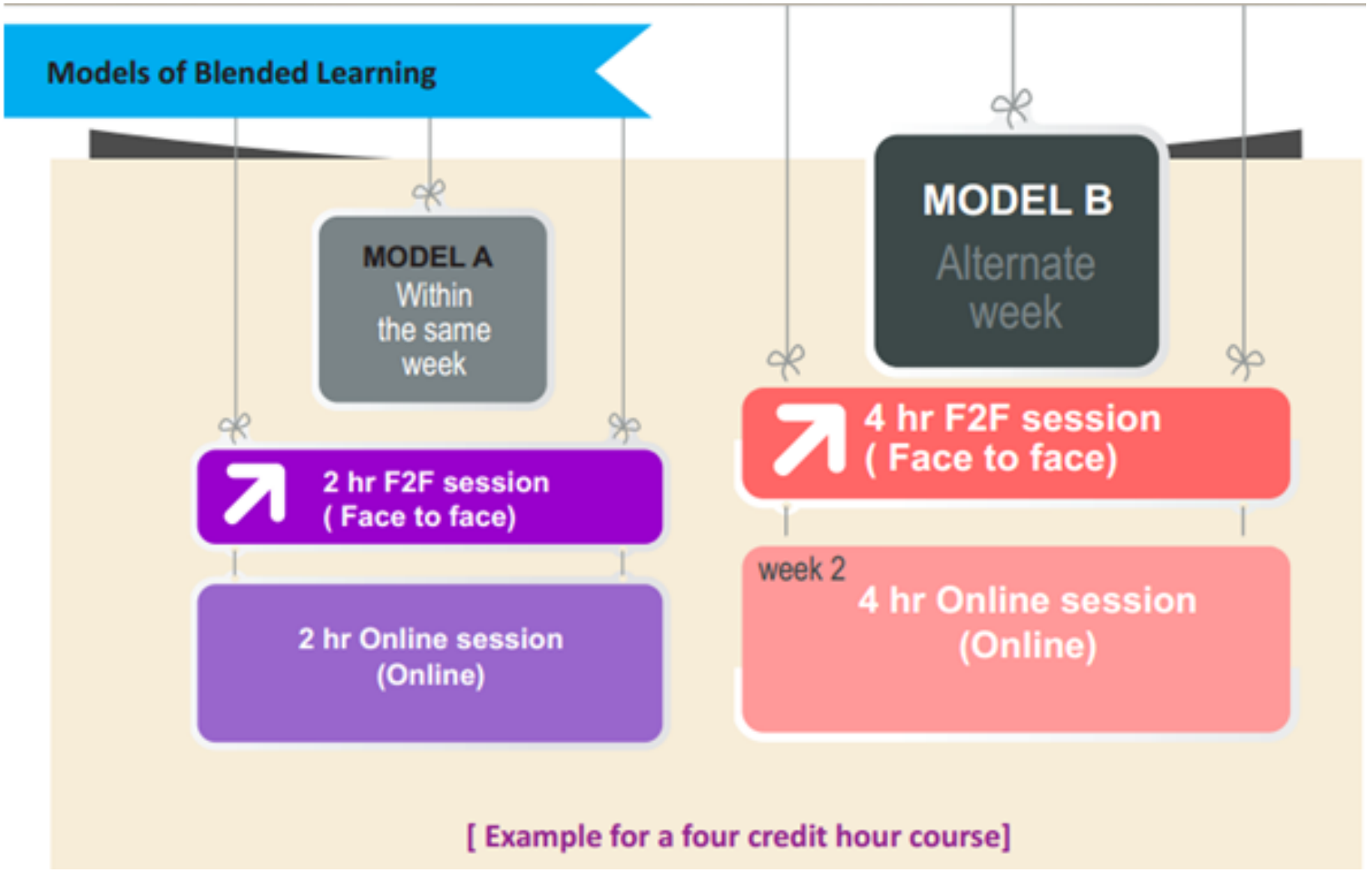
Curriculum

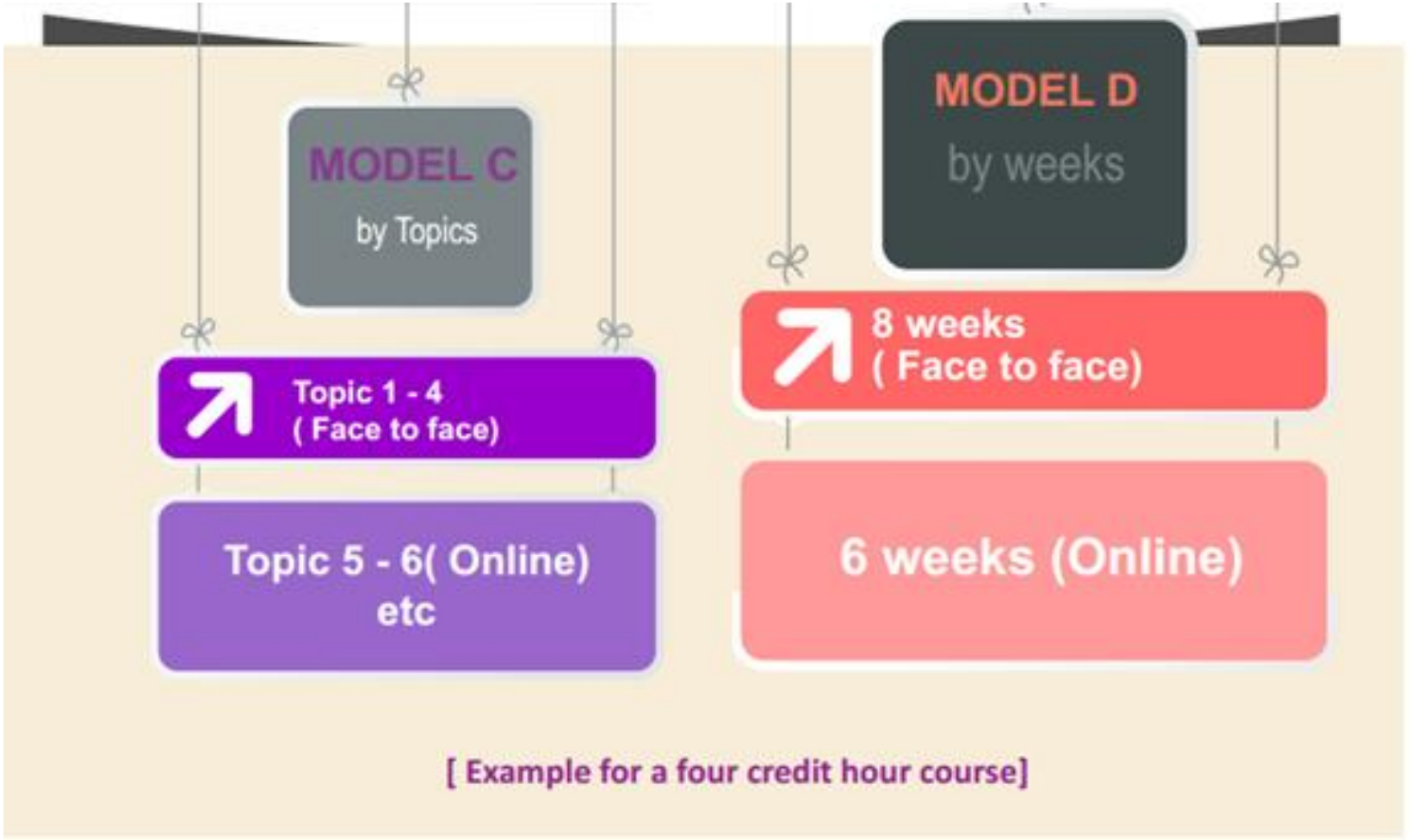
Courses in Blended Mode

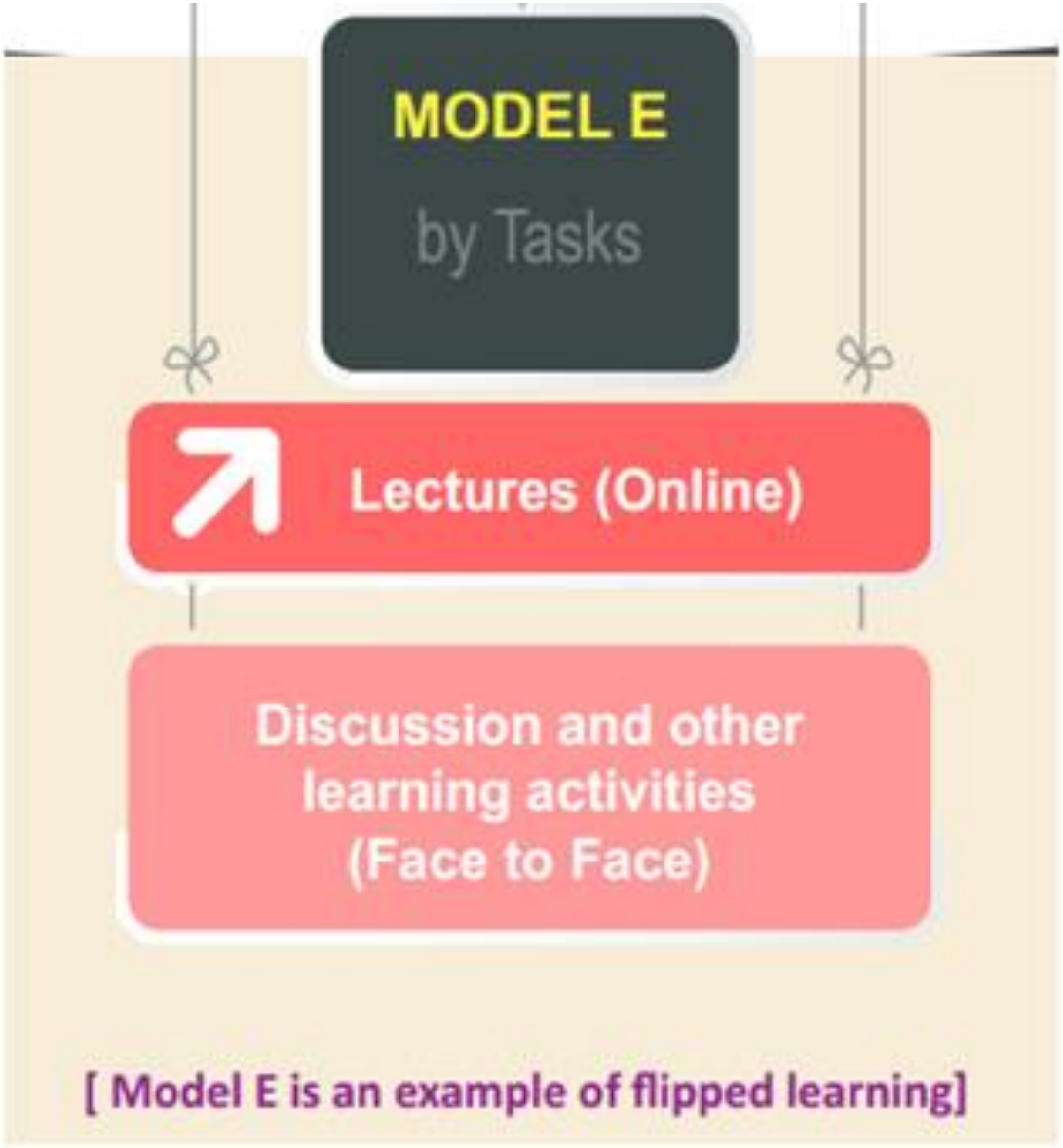
Fully Achieved	**38%**
Partially Achieved	57%
Not Achieved	5%
Not Sure	0%


ONLINE
BLENDED
LEARNING
FACE - TO - FACE

Blended Learning

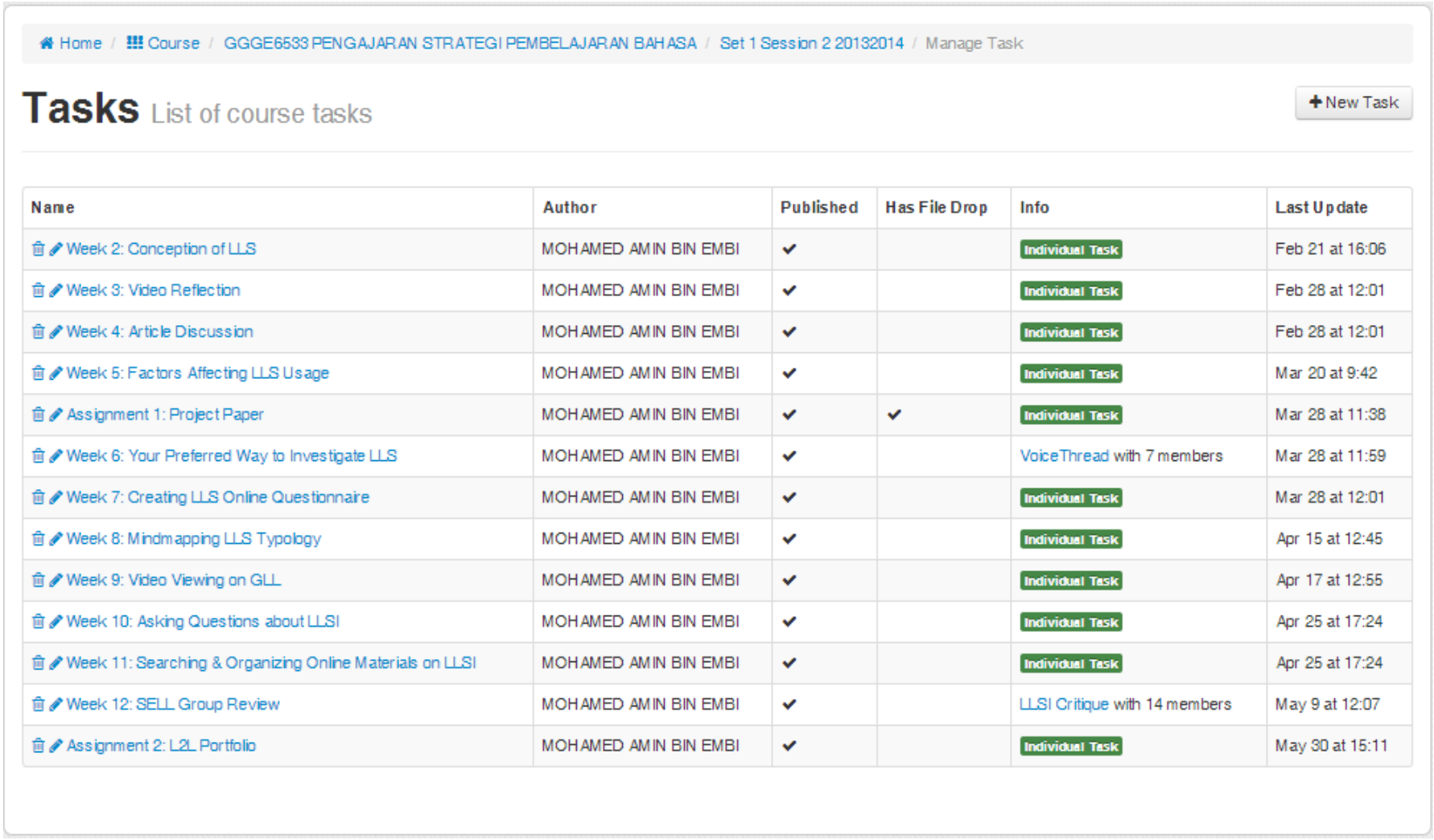



MODEL C
by Topics
Topic 1 - 4
(Face to face)
Topic 5 - 6(Online)
etc
MODEL D
by weeks
8 weeks
(Face to face)
6 weeks (Online)
[Example for a four credit hour course]


MODEL E
by Tasks
Lectures (Online)
Discussion and other learning activities (Face to Face)
[Model E is an example of flipped learning]

Flipped Classroom

Example of Task-based Flipped Learning



Home / Course / GGGE6533 PENGAJARAN STRATEGI PEMBELAJARAN BAHASA / Set 1 Session 2 20132014 / Manage Task

Tasks List of course tasks

+ New Task

Name	Author	Published	Has File Drop	Info	Last Update
Week 2: Conception of LLS	MOHAMED AMIN BIN EMBI	✔		Individual Task	Feb 21 at 16:06
Week 3: Video Reflection	MOHAMED AMIN BIN EMBI	✔		Individual Task	Feb 28 at 12:01
Week 4: Article Discussion	MOHAMED AMIN BIN EMBI	✔		Individual Task	Feb 28 at 12:01
Week 5: Factors Affecting LLS Usage	MOHAMED AMIN BIN EMBI	✔		Individual Task	Mar 20 at 9:42
Assignment 1: Project Paper	MOHAMED AMIN BIN EMBI	✔	✔	Individual Task	Mar 28 at 11:38
Week 6: Your Preferred Way to Investigate LLS	MOHAMED AMIN BIN EMBI	✔		VoiceThread with 7 members	Mar 28 at 11:59
Week 7: Creating LLS Online Questionnaire	MOHAMED AMIN BIN EMBI	✔		Individual Task	Mar 28 at 12:01
Week 8: Mindmapping LLS Typology	MOHAMED AMIN BIN EMBI	✔		Individual Task	Apr 15 at 12:45
Week 9: Video Viewing on GLL	MOHAMED AMIN BIN EMBI	✔		Individual Task	Apr 17 at 12:55
Week 10: Asking Questions about LLSI	MOHAMED AMIN BIN EMBI	✔		Individual Task	Apr 25 at 17:24
Week 11: Searching & Organizing Online Materials on LLSI	MOHAMED AMIN BIN EMBI	✔		Individual Task	Apr 25 at 17:24
Week 12: SELL Group Review	MOHAMED AMIN BIN EMBI	✔		LLSI Critique with 14 members	May 9 at 12:07
Assignment 2: L2L Portfolio	MOHAMED AMIN BIN EMBI	✔		Individual Task	May 30 at 15:11

e-Content

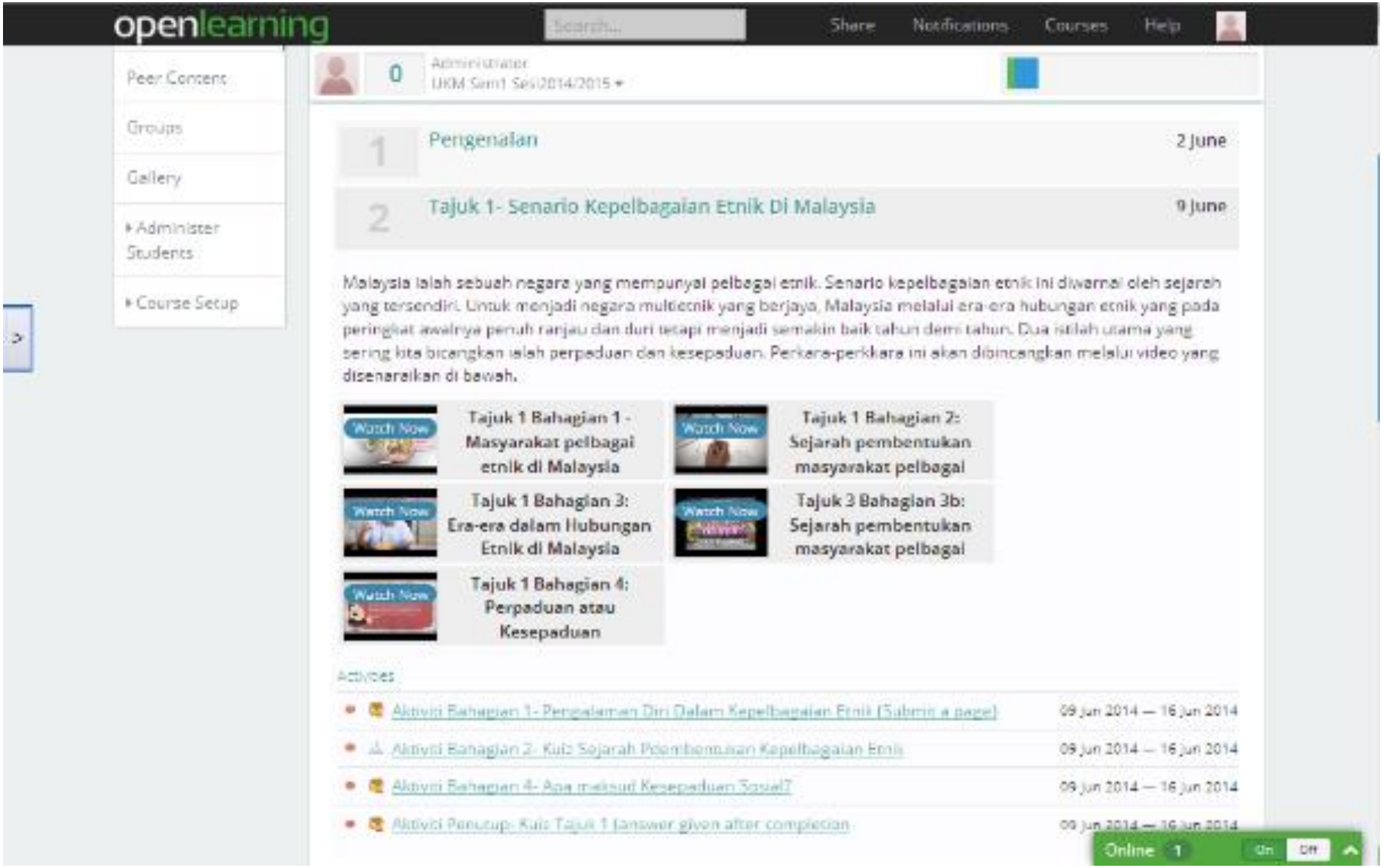
Original e-Content

Fully Achieved	**0%**
Partially Achieved	62%
Not Achieved	24%
Not Sure	14%

National OER Repository

MOOC

Massive Open Online Course


openlearning
Search...
Share
Notifications
Courses
Help
Peer Content
Groups
Gallery
Administer Students
Course Setup
0
Administrator
UKM Sem1 Ses2014/2015
1 Pengenalan
2 June
2 Tajuk 1- Senario Kepelbagaian Etnik Di Malaysia
9 June
Malaysia ialah sebuah negara yang mempunyai pelbagai etnik. Senario kepelbagaian etnik ini diwarnai oleh sejarah yang tersendiri. Untuk menjadi negara multietnik yang berjaya, Malaysia melalui era-era hubungan etnik yang pada peringkat awalnya penuh ranjau dan duri tetapi menjadi semakin baik tahun demi tahun. Dua istilah utama yang sering kita bicangkan ialah perpaduan dan kesepaduan. Perkara-perkara ini akan dibincangkan melalui video yang disenaraikan di bawah.
Watch Now
Tajuk 1 Bahagian 1 - Masyarakat pelbagai etnik di Malaysia
Watch Now
Tajuk 1 Bahagian 2: Sejarah pembentukan masyarakat pelbagai
Watch Now
Tajuk 1 Bahagian 3: Era-era dalam Hubungan Etnik di Malaysia
Watch Now
Tajuk 3 Bahagian 3b: Sejarah pembentukan masyarakat pelbagai
Watch Now
Tajuk 1 Bahagian 4: Perpaduan atau Kesepaduan
Activities
Aktiviti Bahagian 1- Pengalaman Diri Dalam Kepelbagaian Etnik (Submit a page)
09 Jun 2014 — 16 Jun 2014
Aktiviti Bahagian 2- Kuiz Sejarah Pembentukan Kepelbagaian Etnik
09 Jun 2014 — 16 Jun 2014
Aktiviti Bahagian 4- Apa maksud Kesepaduan Sosial?
09 Jun 2014 — 16 Jun 2014
Aktiviti Penutup- Kuiz Tajuk 1 (answer given after completion
09 Jun 2014 — 16 Jun 2014
Online 1
On
Off

e-Content

e-Learning Standards

Fully Achieved	**10%**
Partially Achieved	58%
Not Achieved	28%
Not Sure	4%

e-Learning Guidelines for Malaysian HEIs

1.0	**Organizational Structure and Governance**	**1**
1.1	Organisational Structure	1
1.2	Governance	9
2.0	**Infostructure and Infrastructure**	**15**
2.1	ICT Strategic Planning	15
2.2	ICT Infrastructure	16
2.3	ICT Infostructure	18
3.0	**Online Teaching and Learning**	**23**
3.1	Principles for Effective E-Learning Pedagogy	23
3.2	Effective Online Course Architecture	26
3.3	Effective Online Course Delivery	28
3.4	Implementation of Blended Learning	31
3.5	Online Instructional Interactions	35
3.6	Features of Good Online Instructors	37
3.7	Facilitating Online Discussions	38
3.8	Assessing Discussion Board Activities	38
3.9	Guideline for Fair Use	39
3.10	Dealing with Cheating/ Plagiarism	39
3.11	Encouraging Academic Honesty	40
4.0	**Development of E-Contents**	**45**
4.1	Approaches of Content Development	45

	4.2	Software and Tools	50
	4.3	Process of Content Development	52
	4.4	Quality of Content Development	52
	4.5	Intellectual Property Rights and Copyright Issue	53
	4.6	Contemporary and Future Development Approaches for E-Content Development	53
5.0	**Training and Professional Development**		**57**
	5.1	HEIs Plans for E-Learning Training	57
	5.2	Training Facility	58
	5.3	Training Program for E-Learning Instructors	58
	5.4	E-Learning Instructor's Academic Load	60
	5.5	Provision of Training	60
	5.6	Training Budget	61
	5.7	Mode of Training	61
	5.8	Training Hours and Certification	61
	5.9	Evaluation of Training	62
	5.10	Learning Communities	63
	5.11	Research, Development and Innovation	63
6.0	**Guidelines for E-Learning Acculturation**		**67**
	6.1	Strategic Planning	67
	6.2	Operationalization	68
	6.3	Awareness Raising and Implementation	68
	6.4	Monitoring and Evaluation	69
	6.5	Recognition	70
	6.6	Awards	70

ACCULTURATION

	Tercapai sepenuhnya	Tercapai sebahagiannya	Langsung tidak tercapai	Tidak pasti (susah untuk diukur)	Total
Staf dan pelajar mempunyai akses kepada e-pembelajaran	66.67% 14	33.33% 7	0.00% 0	0.00% 0	21
Penggunaan e-pembelajaran dalam semua bidang	38.10% 8	47.62% 10	9.52% 2	4.76% 1	21
e-pembelajaran merupakan tugas harian bagi seeorang staf akademik di samping memberi pengiktirafan dalam bentuk sijil dan kenaikan pangkat	28.57% 6	57.14% 12	9.52% 2	4.76% 1	21

Acculturation

Recognitions & Awards

Fully Achieved	**28%**
Partially Achieved	57%
Not Achieved	10%
Not Sure	5%

National e-Learning Carnival

danke
謝謝
ngiyabonga
teşekkür ederim
спасибо
dank je
thank you
gracias
tapadh leat
bedankt
hvala
mauruuru
mochchakkeram
dziękuję
go raibh maith agat
sagolun
sukriya
kop khun krap
obrigado
arigatō
takk
dakujem
grazie
terima kasih
мерси
감사합니다
ευχαριστώ
merci