

HEIGIP

HIGH-END INDUSTRY GRADUATE INTERNSHIP PROGRAM

Meeting with Public IHL Representatives

Bilik Sidang, Aras 3, Canseleri, UiTM
29th July 2011



AGENDA

1. About HEIGIP
 - History of meetings
 - Definition
 - Training Structure
 - Funding
 - NKEAs and Distribution of Students
 - Roles and responsibilities of Public IHL
 - Roles and responsibilities of Interns
2. Documents
 - Letter of Application from IHL to UiTM
 - Letter of Acceptance from UiTM to IHL
 - Agreement
 - Report
3. Buy-ins:
 - E&E Sectoral Working Group
 - Western Digital (M) Sdn. Bhd.
 - MIMOS Berhad
4. Flow chart
5. Evaluation and Assessment
6. Council Members
7. Q&A

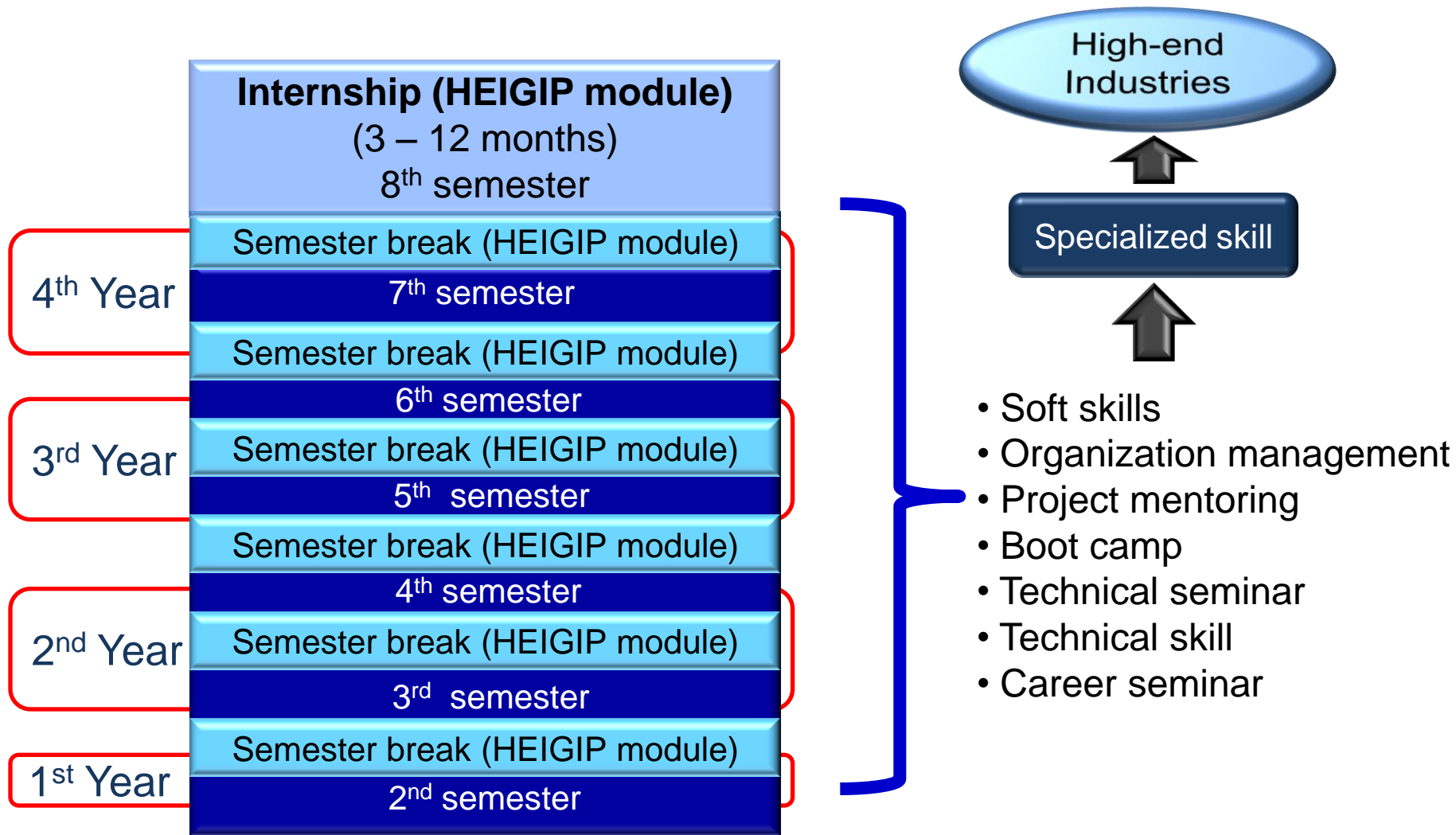
History of Meetings

<u>TARIKH</u>	<u>Mesyuarat</u>
6-Feb-10	Mesyuarat Pertama Bersama Discussant Group
04 Mac 2010 sehingga 06 Ogos 2010	9 Siri Mesyuarat Bersama Discussant Group
9-Aug-10	Mesyuarat Bersama SMI / SMEs
20-Aug-10	Mesyuarat Jawatankuasa Kabinet Mengenai Pembangunan Modal Insan Bil 3/2010. dipengerusikan oleh YB Timbalan Perdana Menteri Tan. Sri Muhyidin Yasin di Putrajaya
22-Mar-11	Membincangkan status terkini kewangan dan pelaksanaan program di Putrajaya
29-Mar-11	Pembentangan dalaman bersama dengan Kementerian Pengajian Tinggi, YB Dato' Seri Mohamed Khaled Nordin
29-Apr-11	Status Pelaksanaan 7 Framework Akademia-Industri dan CAP Akademia Industri (IA) di Putrajaya
5-May-11	Mesyuarat bersama <i>Stakeholders</i> (IPTA/Industri/KPT/PEMANDU/Talent Corp)
31-May-11	Mesyuarat bersama E&E Sectorial Working Group Northern Corridor di PSDC Pulau Pinang
15-Jul-11	Mesyuarat bersama UiTM, USM / E&E Sectorial Working Group Northern Corridor
21-Jul-11	Mesyuarat bersama Western Digital dan UTeM
29-Jul-11	Mesyuarat bersama wakil IPTA dan KPT

Definition

High-end industry is an advanced high impact industry within the various industrial sectors comprising agriculture, manufacturing, information technology, trade and also the service industry. Areas under these sectors include medical, hospitality, halal industry, engineering and design consultation. High-end industry generally involves high investment cost, advanced technology, sophisticated and innovative approach, and it is able to generate economic growth and create new high-income economies. These are areas in the industry which take up the roles of engine and catalyst that will drive future economic progress.

Training Structure



Funding

MOHE

- Interns' cash allowance

Each intern will be given RM900 for every internship training session

Industry

- Provide time and work space
- Provide expert instructor
- Training module

250 students will be involved in the pilot programme

NKEAs and Distribution of Students



Oil, Gas & Energy

10



Wholesale & Retail



Palm Oil

10



Education



Financial Services

10



Healthcare

10



Tourism

5



Communications,
Content & Infrastructure

20



Business Services

15 + 30



Agriculture

10



Electronics & Electrical

100+30



Greater Kuala Lumpur

Public IHL

Roles and Responsibilities

- To select students and industries according to HEIGIP criteria
- To match students and industries
- To control and monitor their interns' training
- To bear other cost related to management and implementation of HEIGIP other than interns' allowance
- To prepare periodic reports to HEIGIP Committee for each interns at the end of each training session
- To be in communication with HEIGIP Committee on issues relating to the implementation of HEIGIP.

Interns

Roles and Responsibilities

- To sign and comply with HEIGIP agreement
- To be committed throughout the training
- To contact representative of their respective university on matters relating to HEIGIP
- To have a positive attitude towards HEIGIP as a way for enabling them to secure jobs with high-end industry.

HEIGIP

HIGH-END INDUSTRY GRADUATE INTERNSHIP PROGRAM

DOCUMENTS

- Letter of Application from IHL to UiTM
- Letter of Acceptance from UiTM to IHL
- Agreement
- Report









Buy-ins:

1. E&E Sectoral Working Group
2. Western Digital (M) Sdn. Bhd.
3. MIMOS Berhad

E&E Sectoral Working Group

Updated 14-Jul-11		E&E UNDERGRADUATE TALENT DEVELOPMENT INTERVENTIONS																																																										
SEP'2011 STUDENT BATCH	TALENT DEVELOPMENT PROGRAMS	2011												2012												2013												2014																						
		J	F	M	A	M	J	J	A	S	O	N	D	J	F		M	A	M	J	J	A		S	O	N	D	J	F		M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D								
GRADS	FASTRACK w/o HEIGIP													PHASE 1 MAY'11 GRADUATES																																														
YR4																										PHASE 2 JUN'12 GRADS																																		
YR3																																						PHASE 3 JUN'13 GRADS																						
		OPTIONAL																																																										
YR3	As-Is + FASTRACK													YR3 SEM1	6 wks	YR3 SEM2	8 wks	YR4 SEM1	6 wks	YR4 SEM2	FASTRACK PHASE 3 JUN'13 GRADS																																							
	Option 1													YR3 SEM1	6 wks	YR3 SEM2	HEIGIP INTERNSIP				6 wks	YR4 SEM1	8 wks	YR4 SEM2																																				
	Option 2													YR3 SEM1	6 wks	YR3 SEM2	8 wks	YR4 SEM1	HEIGIP INTERNSIP				8 wks	YR4 SEM2																																				
		"E&E HEIGIP" INTERNSIP PROGRAM - PHASE 1																																																										
Options	USM & UiTM Proposal																																																											

E&E Sectoral Working Group

Industry (examples)	E&E Cluster	University (examples)
 MOTOROLA	RF & Wireless Communication	UM, UTM, USM, MMU, INTI etc
 	Embedded Systems	USM, UKM, UiTM etc
	Wafer Technology	USM, UKM etc
 Agilent Technologies  NATIONAL INSTRUMENTS	Test & Measurement	USM etc

E&E HEIGIP

Industrial Internship "4 + 4" Proposal



- Each company to propose HEIGIP Internship Curriculum based on 12-months FasTrack to be conducted over period of Year 3 and Year 4 of studies.
- Full, un-interrupted 6 months industrial attachment for On-the-Job Training
- Core Competency courses
 - To be reviewed with respective university (and lecturers) and agree on content, and how to deliver the courses, i.e. co-teaching
- Identify existing Soft Skills training in university and align the industry needs, i.e. add, enhance, combine etc.

Program Types	On-the-job Training (OJT)	Technical Development	Personal Development
Objectives	Provide experiential learning to enhance technical skills	Acquire advanced level knowledge and technical skills	Acquire and demonstrate interpersonal communication
Fields / Modules	Hardware: Product development, assembly, production, testing, support, maintenance Software: * 3rd year product & customer support + 2nd year SW Training + 6th year product design	Comp: * EE: EE & VLSI, Embedded, Robotics * ME: Mechanical Design, Development process, Plastic, Sheet Metal, ITA * SW: Static software development, Testing Process, Training	* Interpersonal communication * Problem Solving, Critical Thinking, Decision Making, Teamwork

← Spread over for 12 months →



Expand 12-months FasTrack program to Yr3 and Yr 4 curriculum

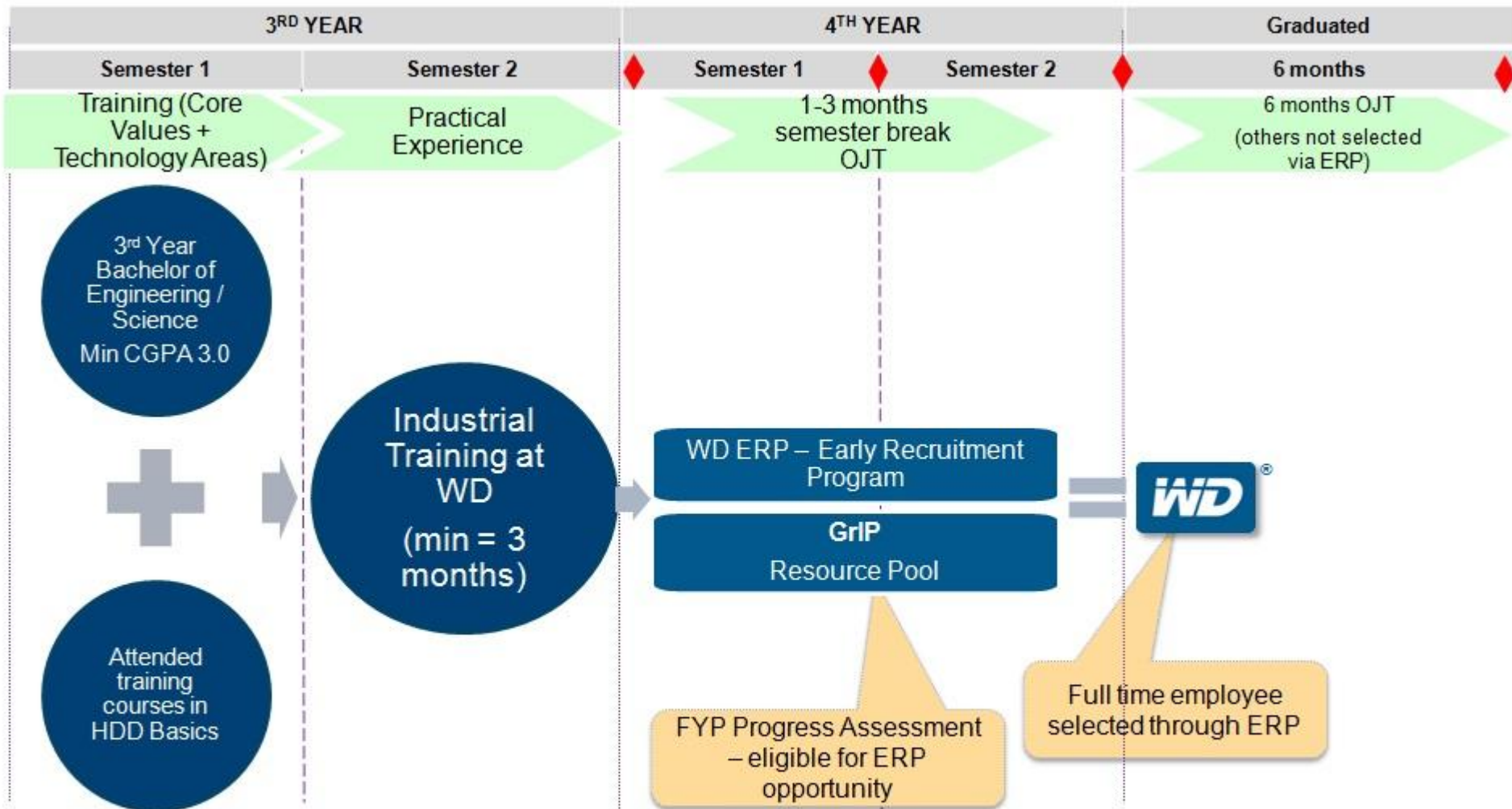
"E&E HEIGIP"

E&E Sectoral Working Group

- Reviewed with USM and UiTM
 - Agree and propose on 6-months at end of Year 4
 - Starts Industrial Visit in Sept-Dec'11, then 10 weeks after Year 3 (meets AEC requirements)
 - Industry-identified Final Year Projects
 - FasTrack courses distributed over 18-months (in industry/PSDC & university) - to be detailed
 - Selected students stay on board E&E HEIGIP entire 18 months
- Allowance: Max RM900 for 10 weeks + RM3000 for 6 months (per FasTrack)
- Industry-Public Co-funding model
- Pilot for 200 students in E&E on 4 FasTrack clusters
- Next Steps
 - Secure additional funding for courses and 6-months Industrial Apprenticeship
 - Get firm commitment from industry partners

Western Digital (M) Sdn. Bhd.

GrIP-HEIGIP combine model (Pilot Project)



Legend :

- GrIP – Graduate Induction Program
- FYP – Final Year Project
- ERP – Early Recruitment Program
- OJT – On Job Training

◆ **HIRING ASSESSMENT & APPOINTMENT**

Confidential

Western Digital (M) Sdn. Bhd.

1. Candidates with CGPA 3.0 and above.
2. Active in extra curricular activities.
3. Able to communicate and write in English.
4. All nominated undergraduates are required to attend training courses in HDD basics.

MIMOS Berhad

- Students are in their 2nd year final semester, target May/Jun 2012.
- Selection process:
 - i. Psychometrics test
 - ii. English test
 - iii. Technical interview
 - iv. HR interview

Evaluation and Assessment

Council Members

1. Deputy Vice Chancellor (Industry, Community and Alumni Network), UiTM
2. Director of GEm
3. 1 Academician
4. 2 Industry Representatives
5. 1 Representative from MIDA
6. Representative from MOHE

HEIGIP

HIGH-END
INDUSTRY
GRADUATE
INTERNSHIP
PROGRAM

Thank You

Q & A

