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- (, ‘ ’)
-
- KEC2000
-
- (KCC2005)
- KEC2005 ()
- Global Standards - WA 가
- -



▪ (ABEEK)

▪ ABET 1999. 8.

▪ (NGO)

▪ , , ,

▪ (KSEE)

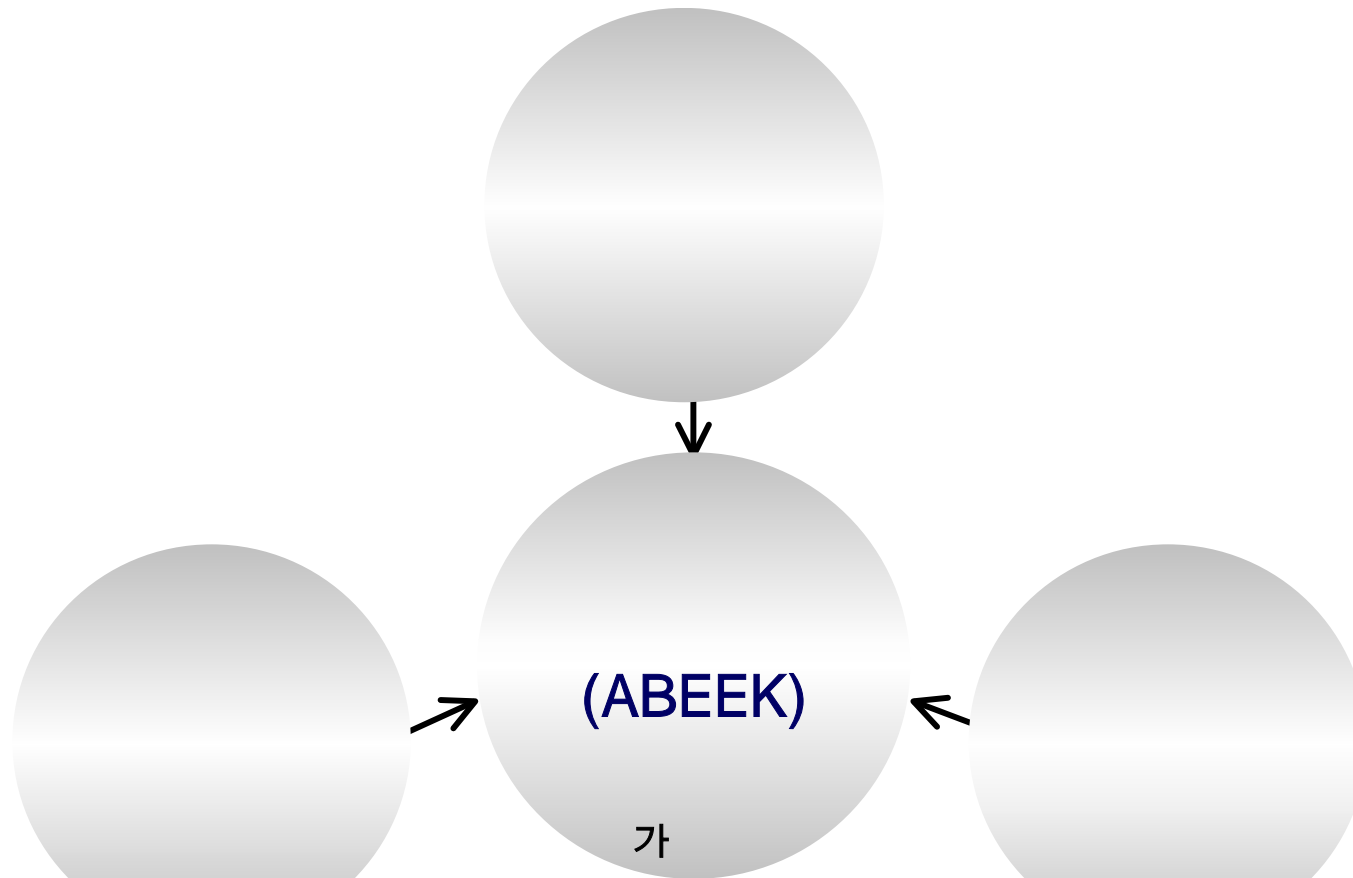
▪ , ,

▪ 가

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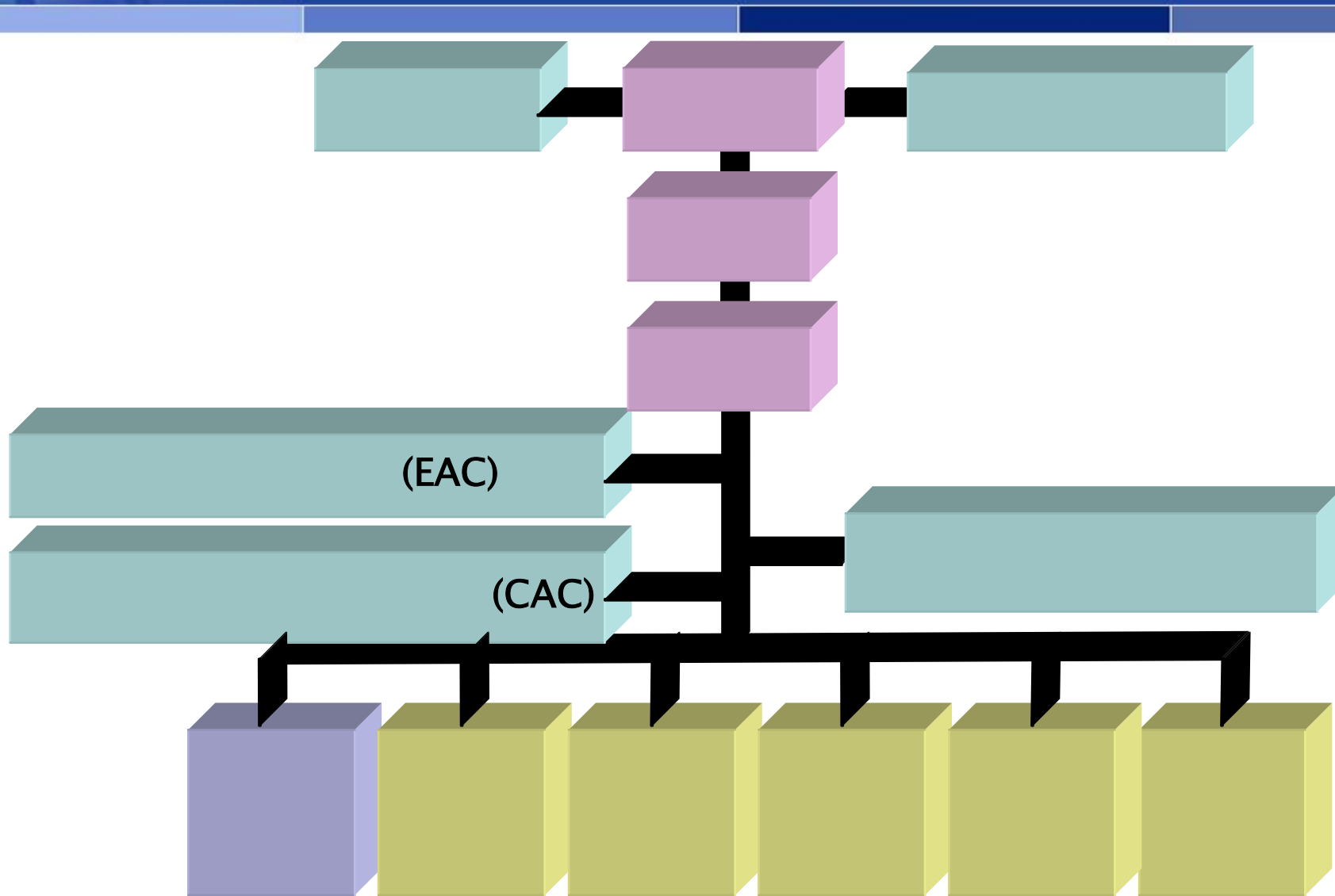
- - :
- -
 -
 - (teamwork)
 -
- - : “ ”
 - (outcomes - based)
 - : ,

- (• •)가
-





- 1998. 8.
- 1999. 8.
- 2001. 1. (KEC2000)
- 2001. 5. 2 가
- 2002. 5. 3 가
- 2003. 5. 4, 2 가
- 2004. 5. 6, 4 가
- 2004.12. (KEC2005)
- 2005. 1. (KCC2005)
- 2005. 5. 15 , 5 가
- 2005. 6. WA 가 (IEM ,)



(1)

- : Chairman of Board of Directors
 - ()
- : President of ABEEK
 - ()
- (3) : Vice - Presidents
 - ()
 - (SK Telecom)
 - ()
- (11) : Professional (Academic) Societies

(2)

- (5) : Corporate Representatives
 - , , , LG , SK Telecom
- : Government and Related Associations
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- CQI 가
- 가
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 - 가
 - 가
 - 2 가 :
 - 2 3 가 가
 - 6 ~1

ABEEK

(1 / 2)



가

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ABEEK

(2/2)

- (가)
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(1 / 2)

- What is being **taught**.
 → What is **measurably learned**.
-
- CQI
(Continuous Quality Improvement)
- : () ()

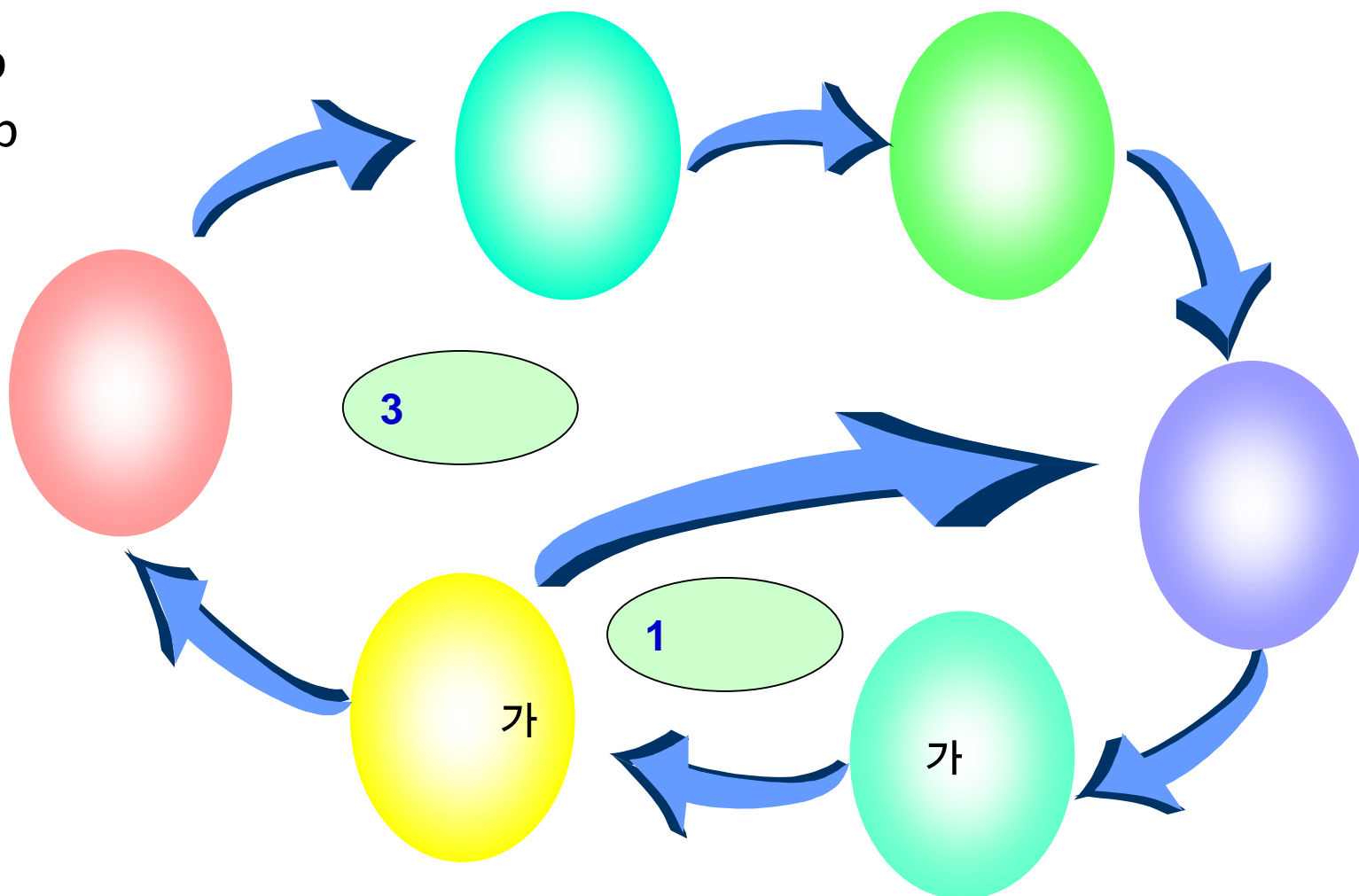
(2/2)

- **Teamwork** :
- **Knowledge** alone is not enough.
The ability to **communicate** effectively is a key skill that engineers of all disciplines will have to acquire.
- If **knowledge** is the ‘**bricks**’ of human development, **communication** is the ‘**mortar**’.
M. Kennedy, President of IEE
- **Innovation** is based on knowledge and information around us. It is fostered by the **team**.
O. Kallisvuo, Executive VP, Nokia

“

”

- Inner loop
- Outer loop



(KEC2000)

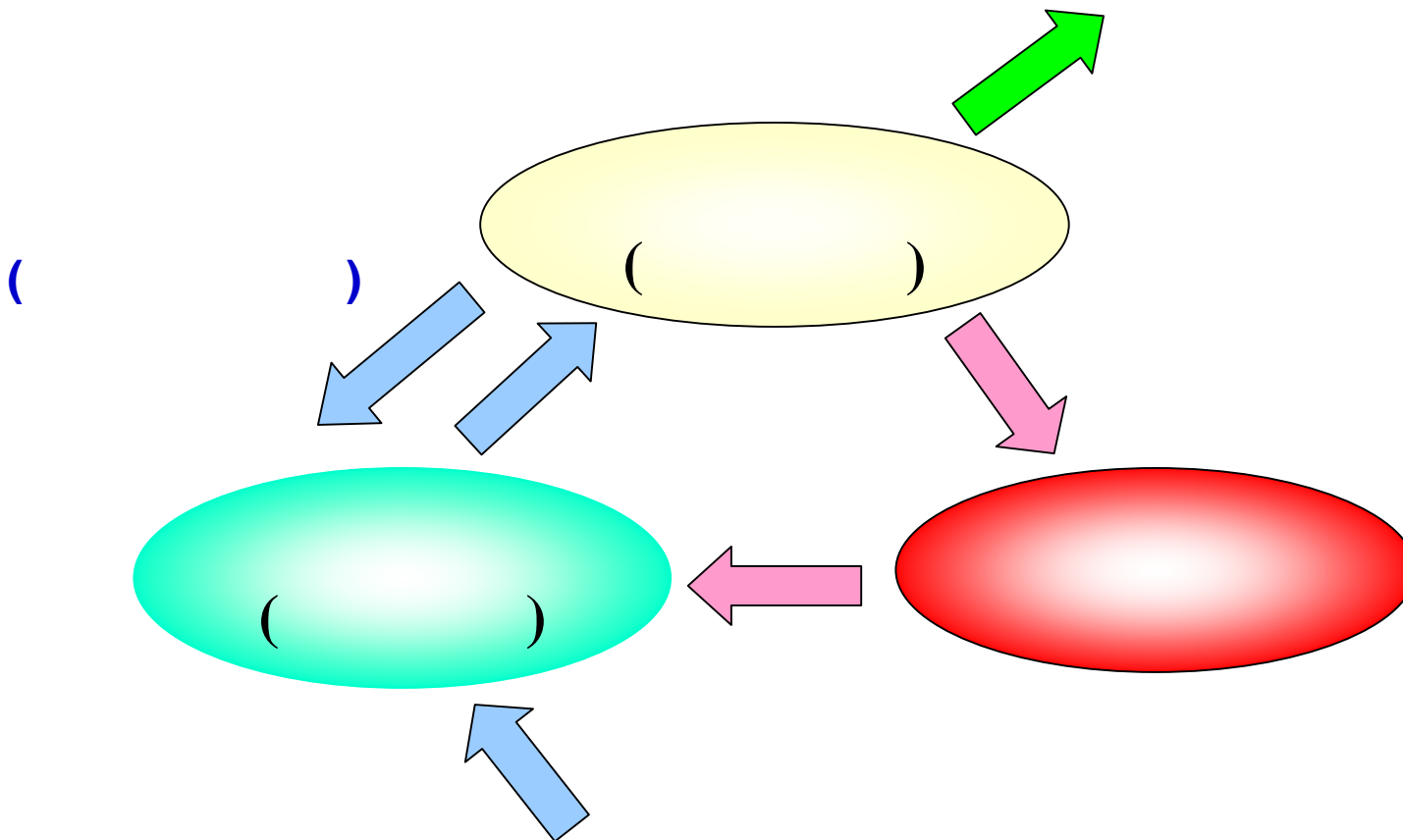
7가

- 1.
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- 7.

가

✓ ()

4





- (Outcomes-Based Education)
- CQI (Continuous Quality Improvement)

- (Demand-Driven Education)

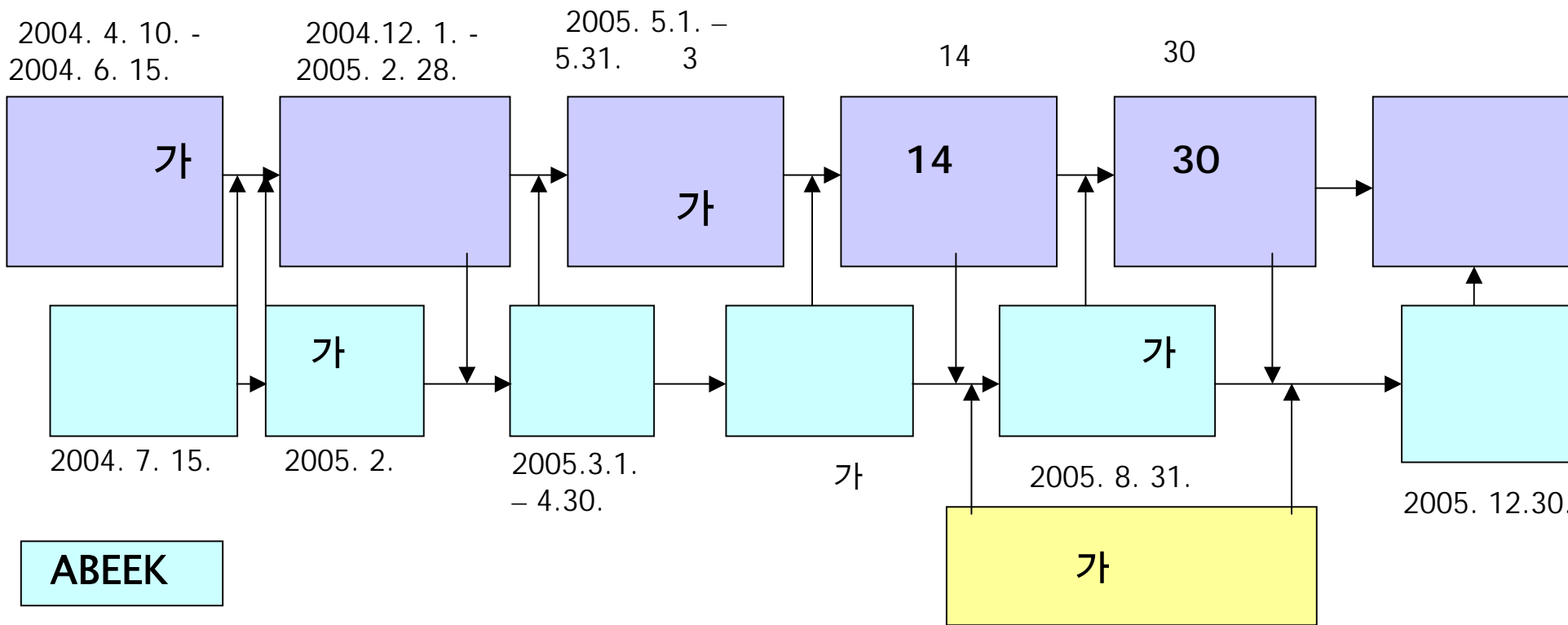
12가 : , (),

Global Standard

- :
- , ,



• 2005



ABEEK



- - :
 - :
 - :
- (2004 12)
 - 14 89 → 10%
 - 2005 가 ()
 - 가 : 7 40
 - 가 : 10 36
 - CAC 가 : 5 5

가 : 가

가

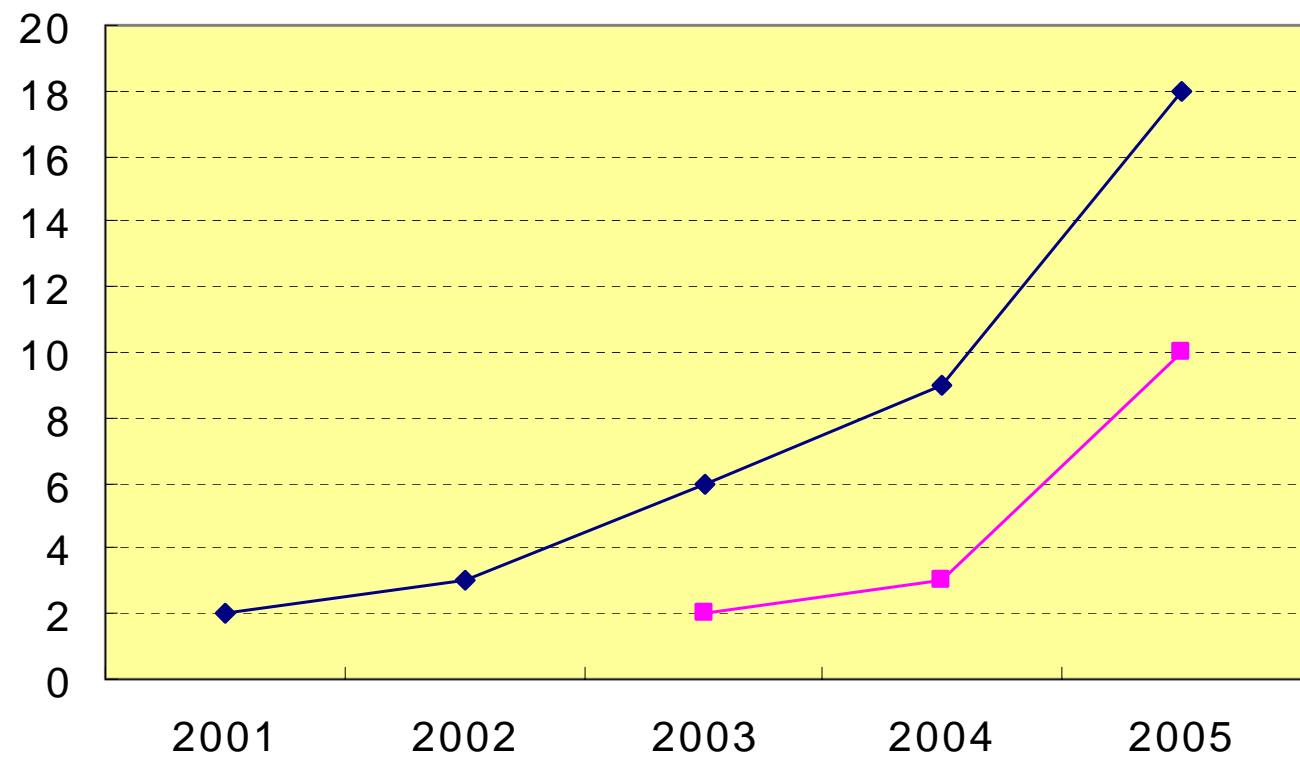
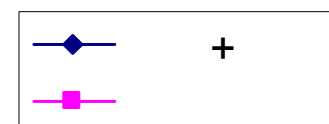
- 가 가
- 가 가
- : 가

가 /

	,		,		6	4	3	2	1	가	
2001	2	-	11	-	0	2	6	3	0	0	
2002	3	-	17	-	0	3	11	2	1	0	
2003	6	2	32	3	0	5	8	19	0	0	3
2004	9	3	41	8	0	13	4	21	2	1	8
2005	18	10	81	36	0	0	?	?	?	?	

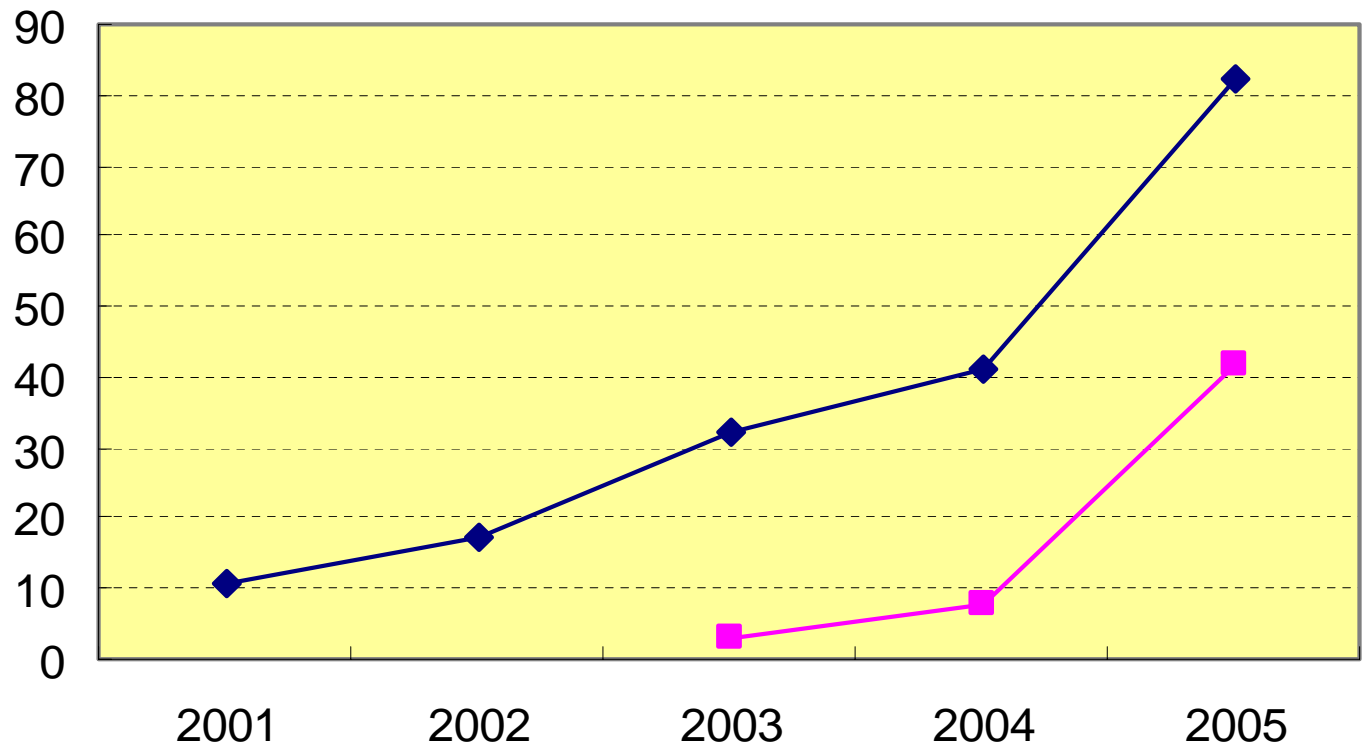
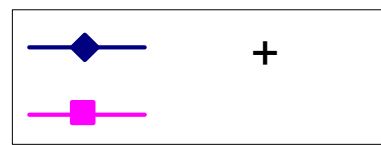
가

가

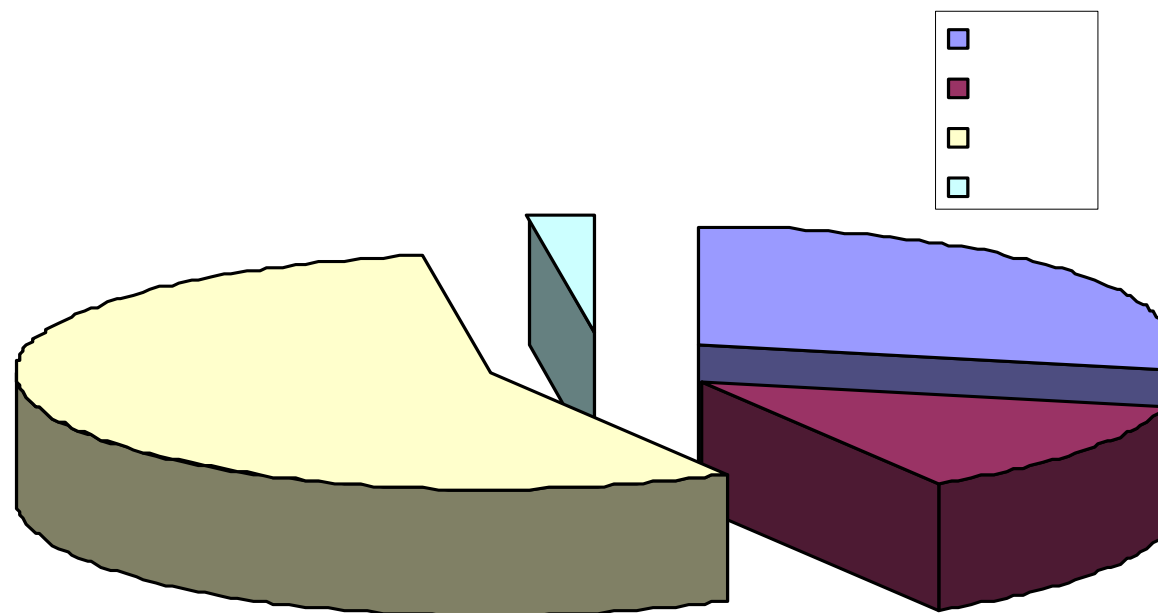


가

가



가 ()



가

- 가 가
- 가 가
 - 가 가
 - 2003 가
 - 2006 CAC 가
 - 2007 2 가
 - 2007 25 150 가
 - 1000 가
 - 200 가
 -

2005

- 가
 - : 7 36
 - : 10 40
 - CAC : 5 5
 - 18 81 (+ , EAC+CAC)

- 가 가
 - 가 : 162 (2)
 - 가 : 18 (1)

- 가
 - 700 : 가 3 + α (100)
 - 가 : 800
 - 2005/06 200 가 가



2006

가

- 가
- 2003 가 2007 2 가
- 2007 25 , 150 가 (CAC)
- 가

	가 ()			
	+ CAC		2 가	
2000-2001	2(11)			2(11)
2001-2002	3(17)			3(17)
2002-2003	4(29)	2(3)		6(32)
2003-2004	6(33)	4(8)		9(41)
2004-2005	7(40) + 5(5)	10(36)		18(81)
2005-2006	10(80)	15(50)		25(130)
2006-2007	10(70)	15(70)	2(11)	24(151)
2007-2008	10(60)	15(80)	3(17)	26(157)
2008-2009	7(50)	12(80)	4(29)	23(159)
2009-2010	7(40)	12(80)	6(33)	25(153)
2010-2011	7(30)	12(80)	7(40)	26(150)





(KCC2005)

- (KEC2000) (Computing Accreditation Commission: CAC)

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(KCC2005)

• 2005. 1. (KCC2005)

• 2005 가

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CAC

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KEC2005 ()

• KEC2000

ABET

EC2000

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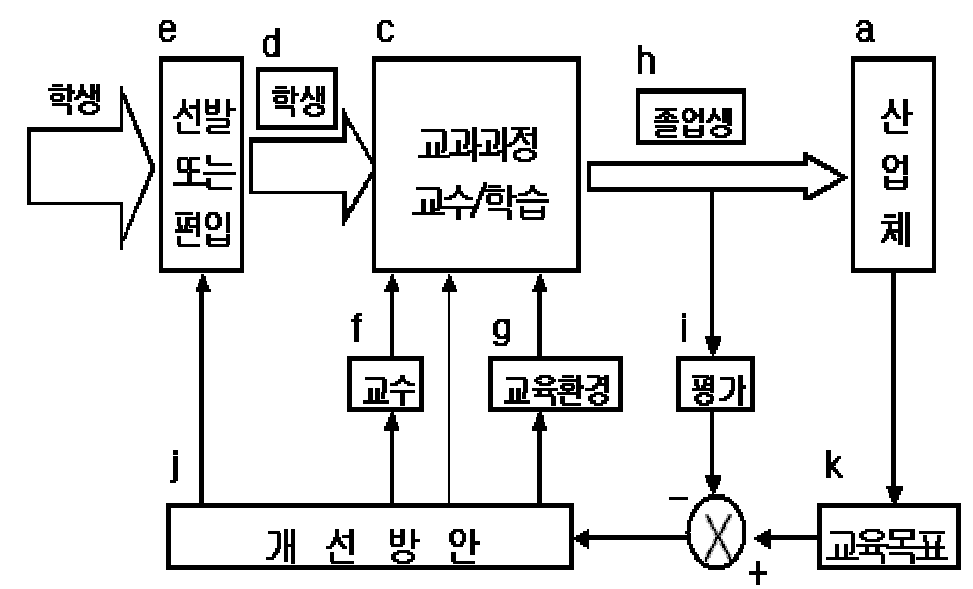
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▪

KEC2005

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- 8

가



(KEC2000 vs. KEC2005)

(KEC2000)	(KEC2005)	
1.	1.	
2.	2. 가	
3. 가	3.	
4.	4.	
5.	5.	
6.	6.	
7.	7.	
	8.	[7.]

KEC2005 -

	KEC2000	KEC2005	ABET	JABEE
,	2 (35/140)	27	32	18
	3 (52.5/140) (: = 2:1)	62 (: = 3:1)	48	64
	1 (17.5/140)	17	16	18

가

(KEC2005)

2005	2	
2006	2	2005
2007	2	2006
2008	3	2006
2009	3	2007
2010	4	2007
2011	4	2008
2012		-



Washington Accord

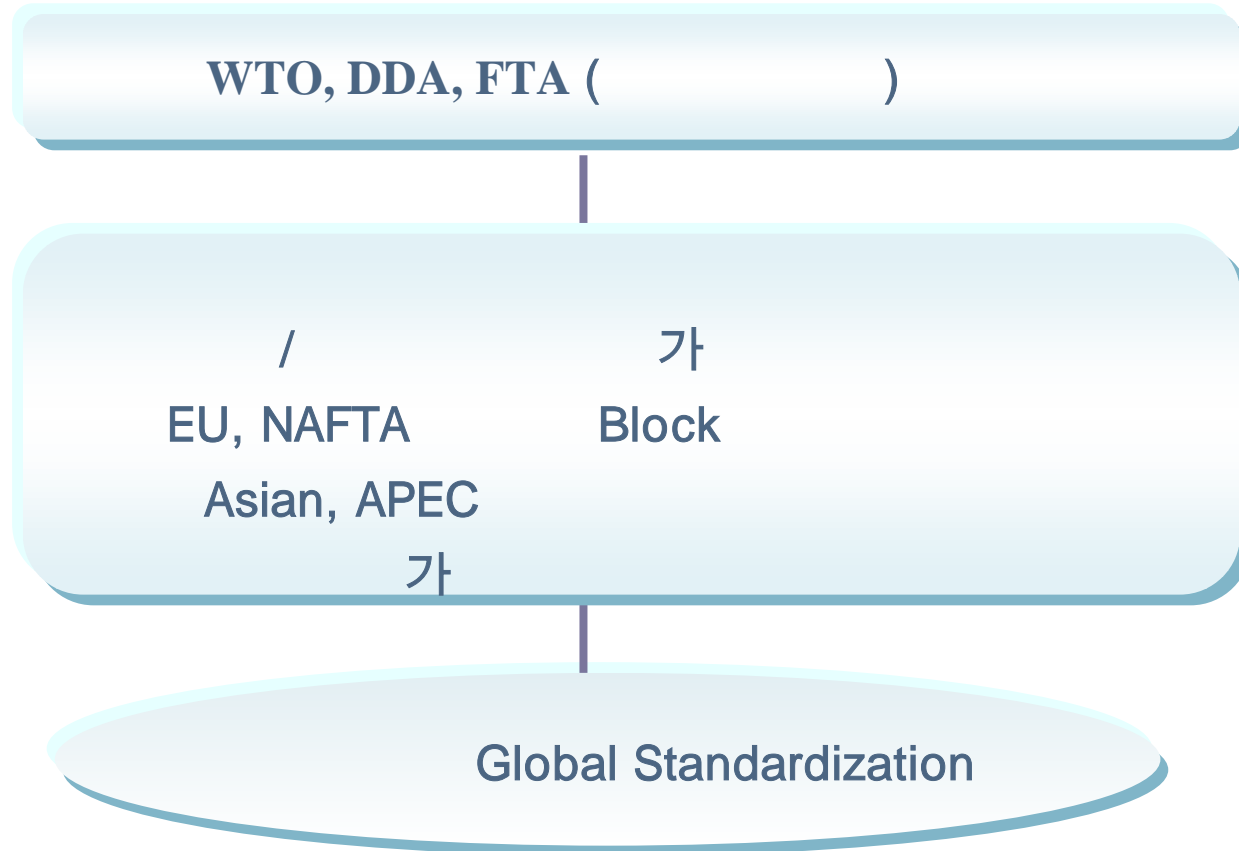
가?

- , , , , , 6
 (professional engineering degree
 programs) “substantial
 equivalency” 1989 .
 1995 , 1999 가 8
 , 2005
 9 .
 : (2001), (2003), 가 (2003),
 (2003), (2005), (2005)

21

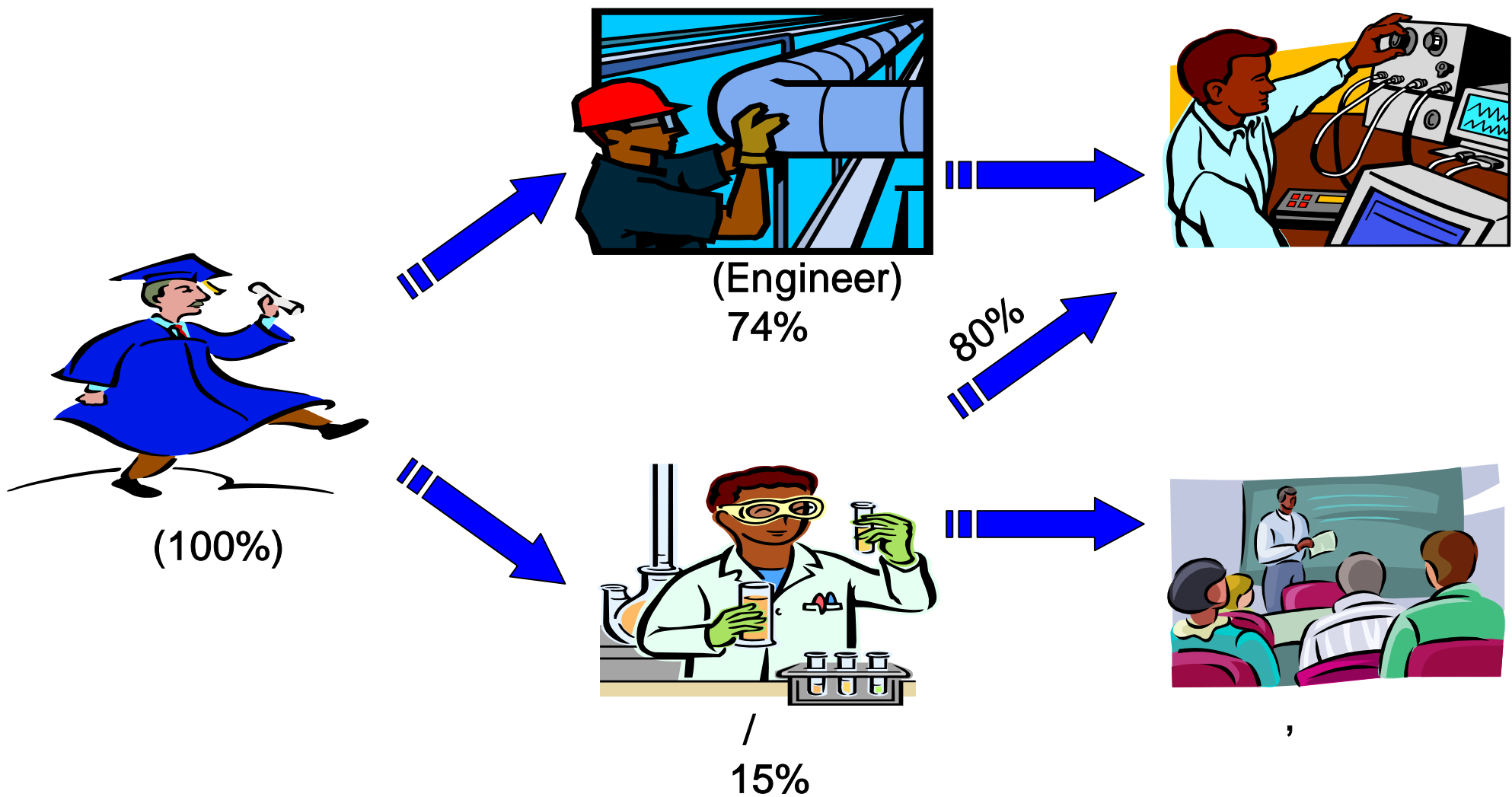
- 21

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가

4	가	Washington Accord
2	가	Sydney Accord
	가	Dublin Accord
(PE)		EMF
(technologist), (technician)		ETMF
APEC		APEC



- CQI
 - Continuous Quality Improvement
- Outcomes- & Assessment-Based
- soft skills
-

WA

(accreditation)

?

- (quality assurance)
- 가 (practice of engineering at professional level) substantially equivalent
- WA



2006

가

가

- 19 137 (2005. 6. 15)
- 8 60 (2005. 7. 14)

가

- : 11 32
- 가 : 10

2006. 9. 가

CAC 가

- 18 22 (+)

KEC2005

- 5 10

2006. 9. 가





-
- 3~4 가
- : 가
- WA 가 : 2007 가
- 가
- ; ; 가 ;

