Overview of the *iSkills*™ Assessments and *iCritical Thinking*™ Certification Comparison Tables

Institutions that have previously administered the *iSkills*™ assessments and are now using the new *iCritical Thinking*™ Certification need to know how these two exams compare. Two comparison or "concordance" tables have been created to show you the correspondence between the scores of the *iSkills* Core and Advanced assessments and the *iCritical Thinking* Certification.

How do the *iSkills* assessments and the *iCritical Thinking* Certification compare?

Both exams measure information and communication technology (ICT) literacy within the context of seven task types: define, access, evaluate, manage, integrate, create and communicate. However, the exams have different score ranges:

- *iSkills* Core assessment: 0 to 300 in increments of 5 points
- *iSkills* Advanced assessment: 400 to 700 in increments of 5 points
- *iCritical Thinking* Certification: 0 to 500 in increments of 10 points

The two exams also differ in format and composition. The *iSkills* Core and Advanced assessments were separate, while the *iCritical Thinking* Certification includes both Core and Advanced tasks. The *iSkills* assessments were composed of 15 tasks (14 short tasks and 1 long task) administered in 75 minutes, while the *iCritical Thinking* Certification is composed of 14 short tasks administered in 60 minutes. Aside from these differences, both exams are built to the same specification, contain many of the same tasks, and meet ETS standards for validity and reliability.

How were the comparison tables developed?

The comparison tables were calculated based on data from a concordance study conducted from August to September 2009 and from *iSkills* test takers between November 2008 and April 2009. Analyses were conducted using participants who spent at least 15 minutes on the exam, were first-time test takers, and completed at least 3 of the 14 tasks. The sample consisted of:
- *iSkills* Core: 1,215 test takers
- *iSkills* Advanced: 924 test takers
- *iCritical Thinking* Certification: 514 test takers

How should the comparison tables be used and interpreted?

Two comparison tables are provided:

1. The first table compares the *iSkills* Core assessment to the *iCritical Thinking* Certification.

2. The second table compares the *iSkills* Advanced assessment to the *iCritical Thinking* Certification.

For populations similar to the concordance study sample, these tables may be used with confidence to translate *iSkills* average scores to *iCritical Thinking* Certification average scores. For example, if you had previously administered the *iSkills* Core assessment, you can translate the average score of your test takers to the corresponding score on the *iCritical Thinking* Certification. However, translation in the other direction is not appropriate.

For populations that are not similar to the concordance study sample, the results may not be accurate. In addition, these comparison tables are not meant to be used for translating individual scores. A test taker who receives a particular score on one exam will not necessarily obtain the corresponding score on the other exam.

The concordance tables are most accurate in the middle of the distribution and less accurate in high and low ends due to the overall small sample size.

Table 1
Concordance between iSkills Core Assessment and iCritical Thinking Certification

iSkills Core	iCritical Thinking
300	500
295	500
290	500
285	500
280	500
275	500
270	500
265	500
260	500
255	500
250	500
245	500
240	500
235	500
230	500
225	490
220	470
215	450
210	420
205	400
200	380
195	360
190	340
185	320
180	300
175	290
170	270
165	250
160	240
155	230
150	220
145	210
140	190
135	190
130	180
125	170
120	160
115	150
110	140
105	140
100	130
95	120
90	110
85	100
80	90
75	80
70	70
65	60
60	50

Table 1 *(continued)*
Concordance between iSkills Core Assessment and iCritical Thinking Certification

iSkills Core	iCritical Thinking
55	40
50	30
45	20
40	10
35	0
30	0
25	0
20	0
15	0
10	0
5	0
0	0

Table 2
Concordance between iSkills Advanced Assessment and iCritical Thinking Certification

iSkills Advanced	iCritical Thinking
700	500
695	500
690	500
685	500
680	500
675	500
670	500
665	500
660	500
655	500
650	490
645	470
640	460
635	440
630	420
625	410
620	390
615	370
610	360
605	340
600	330
595	320
590	300
585	290
580	280
575	270
570	260
565	250
560	240
555	230
550	220
545	210
540	200
535	190
530	180
525	170
520	150
515	140
510	130
505	120
500	100
495	90
490	80
485	60
480	50
475	40
470	20
465	10

Table 2 *(continued)*
Concordance between iSkills Advanced Assessment and iCritical Thinking Certification

iSkills Advanced	iCritical Thinking
460	10
455	0
450	0
445	0
440	0
435	0
430	0
425	0
420	0
415	0
410	0
405	0
400	0