

N B C E 2024

Student Leadership Forum

Computer-Based Testing

Presented by:

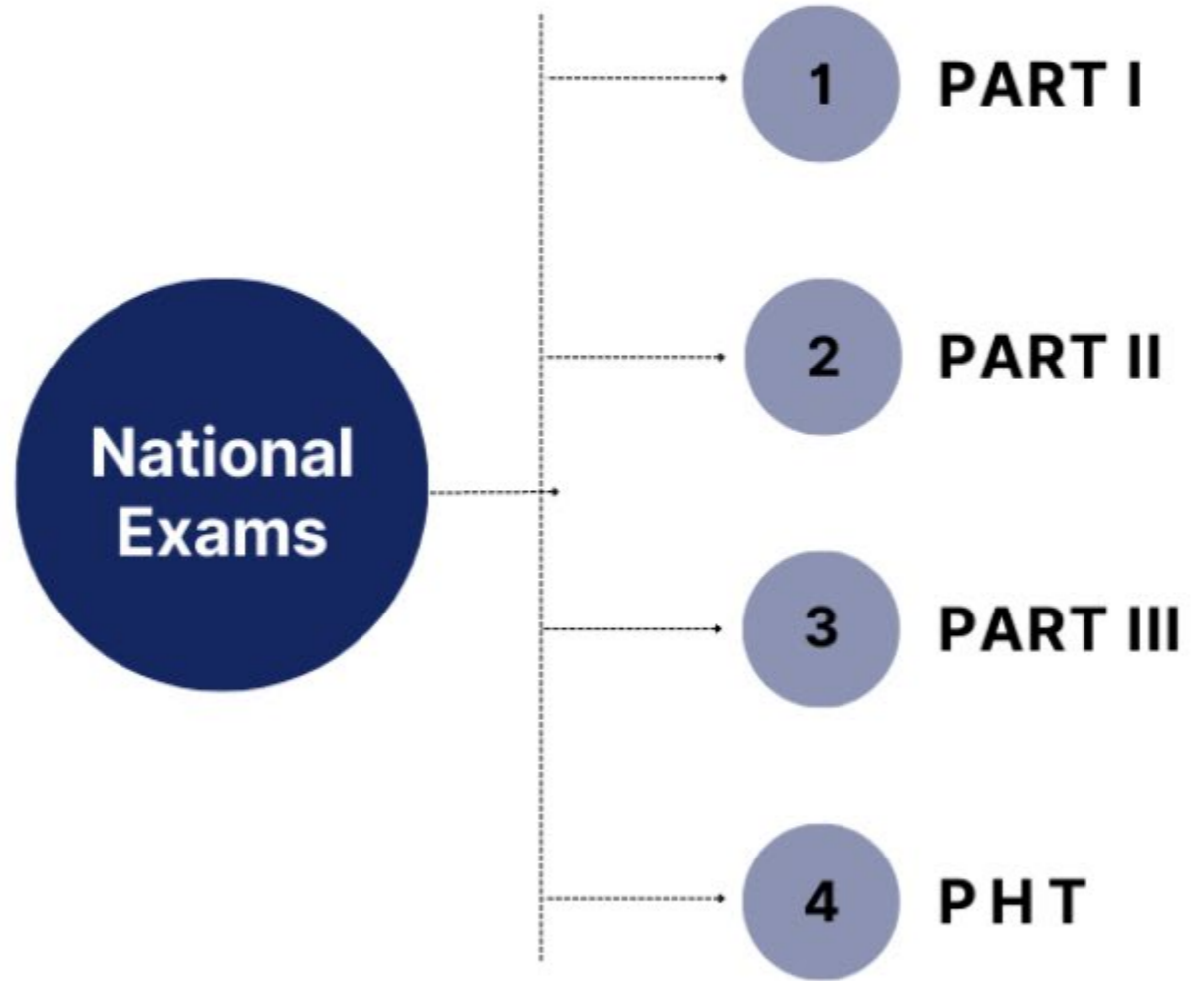
Greg Crawford, D.C.

NBCE Computer-Based Testing Manager





Testing Department





Testing Department



- 1 CHIRO LAWS
- 2 CERT EXAMS
- 3 DIPL EXAMS
- 4 C E R A
- 5 CA EXAMS



Testing Department

**International
Exams**

1

JAPANESE

2

PORTUGUESE

3

SPANISH

4

W F C



Test Creation



TEST PLANS

Delphi Studies with Chiropractic Colleges

- Performed by appropriate educational faculty
- Multiple rounds until consensus is reached
- Judgements based on college curricula

Category Weightings

- Determined by professional expertise of college faculty
- Increased importance equals increased weighting

TEST PLANS AT:

[MYNBCE.ORG/PREPARE/](https://mynbce.org/prepare/)

PREPARE ▾

TRANSCRIPTS & SCORES ▾

PREPARE FOR NBCE EXAMS

CBT DEMO

PART IV VIDEO

DAY OF THE TEST

FEE SCHEDULES



Test Creation



ITEM WRITING

Chiropractic Professors

- Majority of test content produced by chiropractic professors

Consultants

- Consultants and NBCE staff create content as needed

Approved by Test Committees

- Every item, regardless of source, must be approved by test committees



Test Creation



TEST DEVELOPMENT COMMITTEES (TDCs)

Part I

- Six TDCs comprised of five college faculty members each

Part II

- Six TDCs, each comprised of four college faculty members and one state board member



Test Creation



TEST DEVELOPMENT COMMITTEES (TDCs)

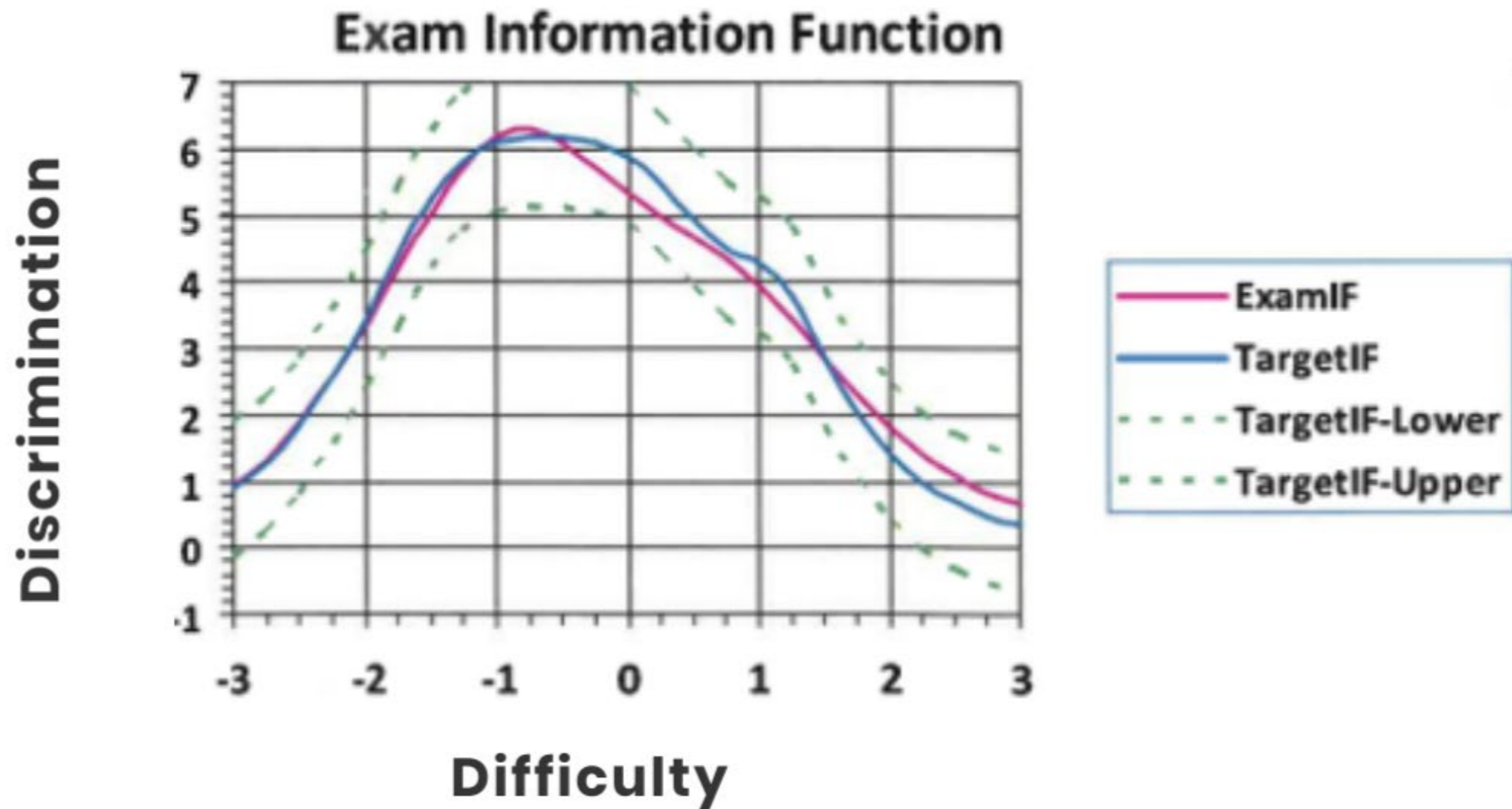
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- **Four college faculty members and one state board member**

Part III

- **Ten state board members and six college faculty**

Exam Graph



Difficulty Distribution

	TARGET Exam				Domain Exam				Equators			
Difficulty	Items	a Mean	b Mean	MIT Mean	Items	a Mean	b Mean	MIT Mean	Items	a Mean	b Mean	MIT Mean
Very Easy	4	1.251	-2.544	-2.291	2	1.200	-2.458	-2.217	1	1.265	-2.478	-2.243
Easy	20	1.751	-1.559	-1.374	11	1.529	-1.594	-1.398	3	1.121	-1.651	-1.400
Easy Medium	26	1.611	-0.653	-0.460	14	1.490	-0.837	-0.623	4	1.418	-0.760	-0.544
Hard Medium	17	1.838	0.273	0.440	7	1.531	0.230	0.427	2	1.770	0.367	0.514
Hard	8	2.227	1.080	1.275	5	1.506	0.965	1.161	2	1.531	0.923	1.069
Very Hard	2	0.982	2.110	2.363	1	0.778	1.760	2.024	0	0.000	0.000	0.000
Exam	40	1.808	-0.702	-0.520	40	1.478	-0.649	-0.443	12	1.408	-0.658	-0.455



Contact us.....



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