



Towards the digital transformation vision: re-skilling lecturers and changing curricula

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IF YOU WANT TO GO FAST, GO ALONE.

IF YOU WANT TO GO FAR, GO TOGETHER

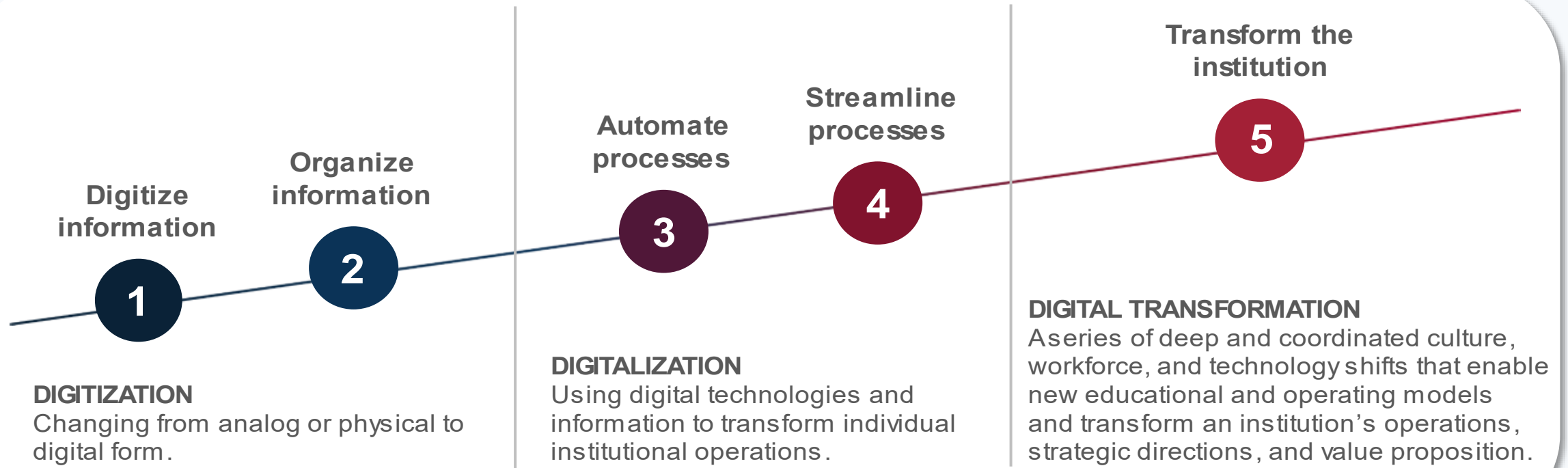
Mr Andile Swartbooi

Mr Boeta Pretorius

-AFRICAN PROVERB



Understanding Dx – the 3 Ds



SOURCE: [Consider the 3 Ds When Talking About Digital Transformation](#)

EDUCAUSE

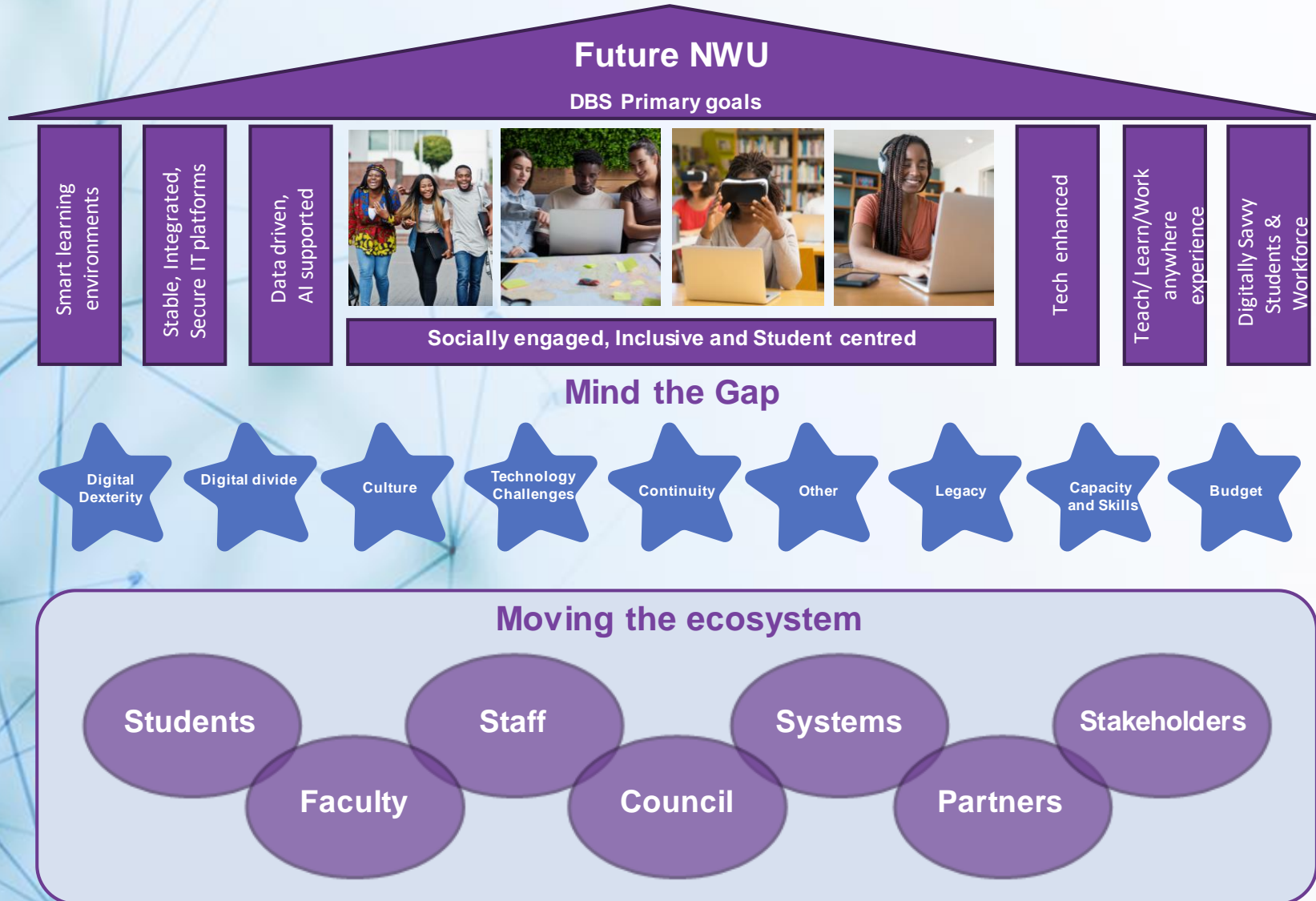
DX JOURNEY



Key aspects

- Transformation of the whole institution

DBS Journey Map



Key aspects

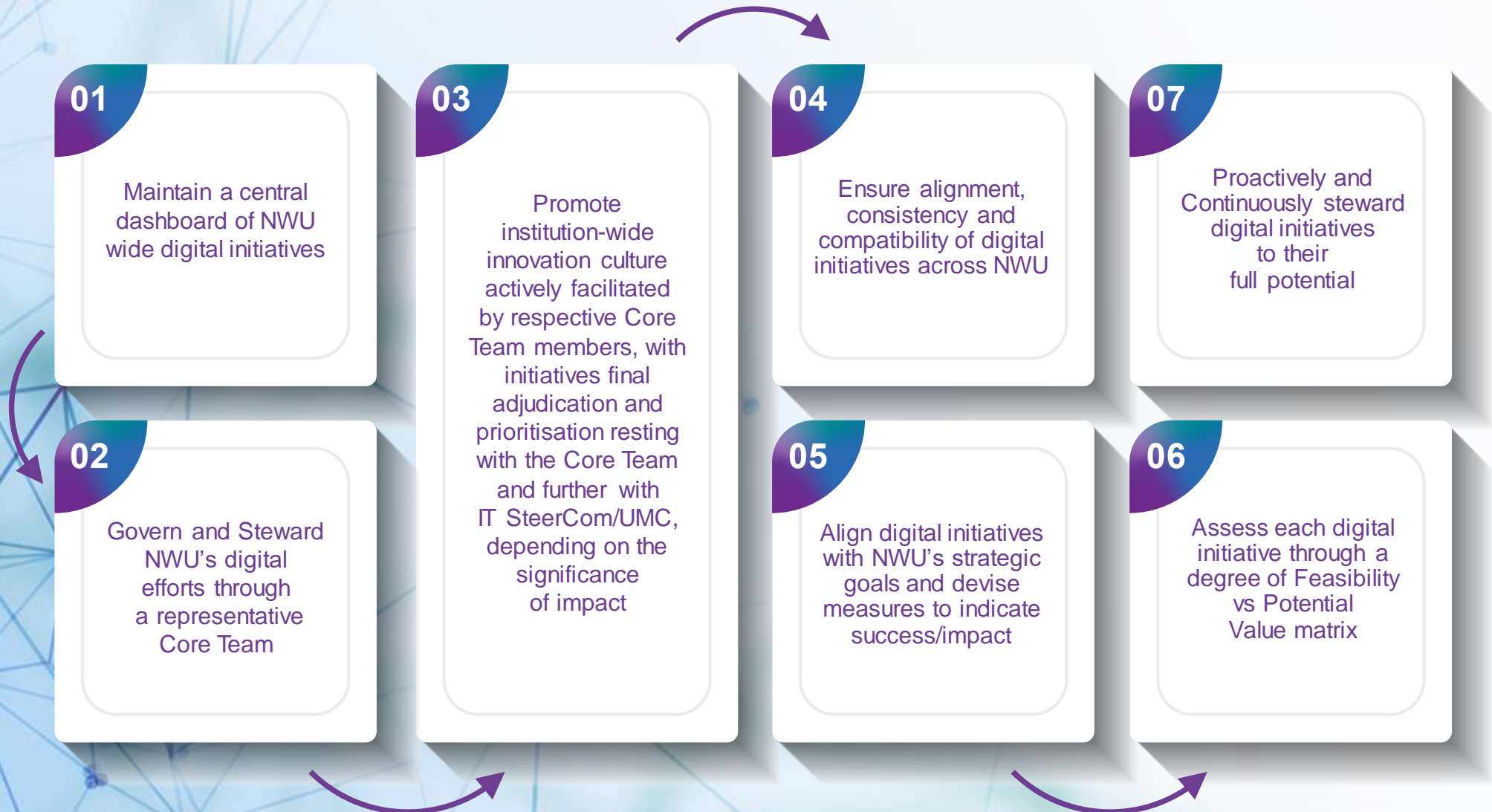
- Transformation of the whole institution
- Trail-blazers

Key aspects

- Transformation of the whole institution
- Trail-blazers
- Principles agreed upon



DBS PRINCIPLES



Key aspects

- Transformation of the whole institution
- Trailblazers
- Principles agreed upon
- Institutional strategies

DBS primary goals

- Operational efficiency
- Intentional experience
- Business model transformation
- Alternative revenue stream
- Digital dexterity/Bridge digital divide
- Agile and innovation



What does Dx mean at ground level

- HR processes
- Finance processes
- Student information system
- Learning Management System
- Student admissions
- SALA (exam)
- Support staff
- **Academics/Professors**

NWU HyFlex T&L Model

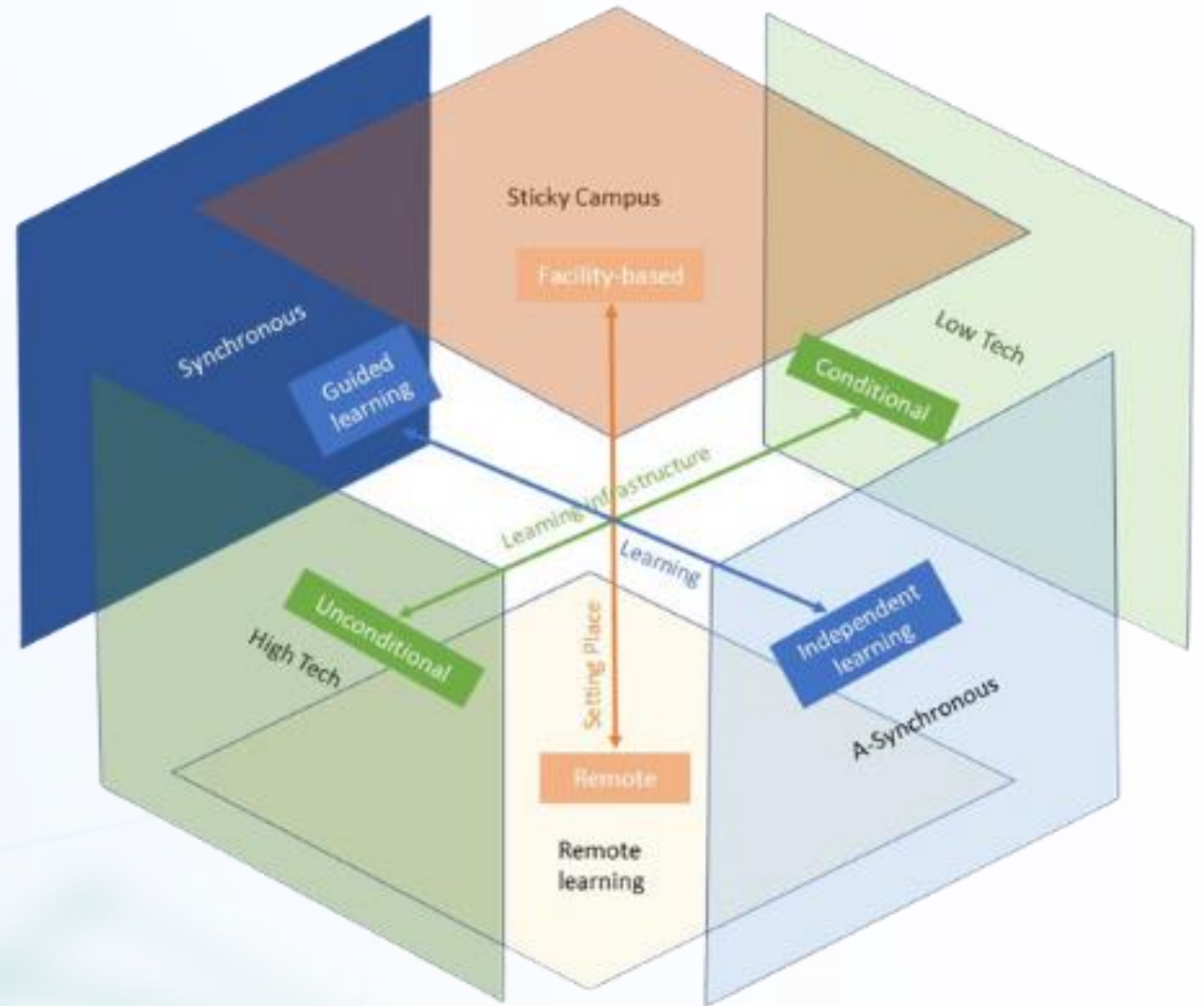


Figure 1: Integration of the key drivers determining the institutional response (NWU HyFlex T&L Model, 2022). Du Plessis (2022) Bates (2011)

NWU HyFlex T&L Model

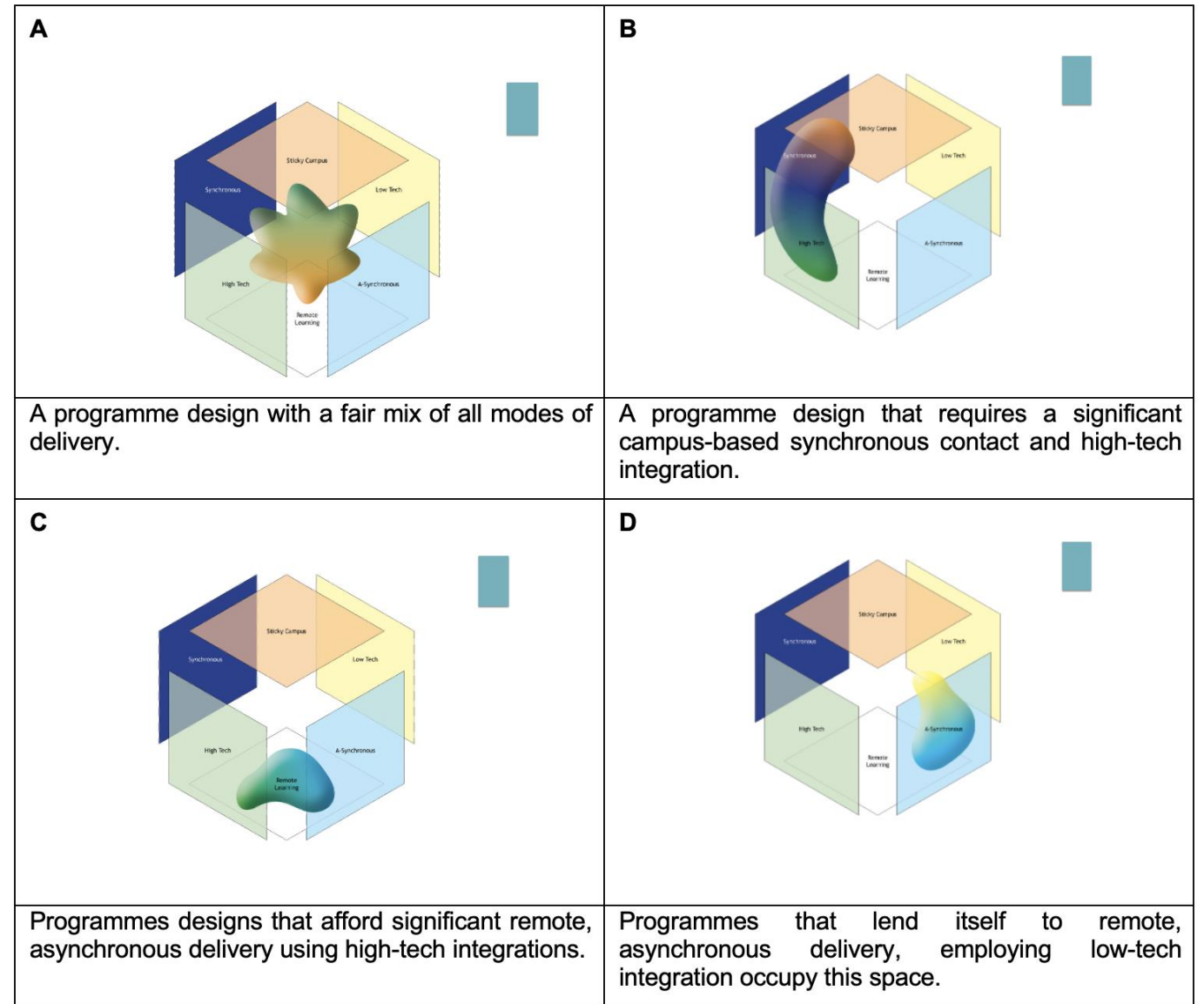


Figure 2: Contextual scenarios (NWU HyFlex T&L Model, 2022). Du Plessis (2022) Bates (2011)

NWU HyFlex T&L Model

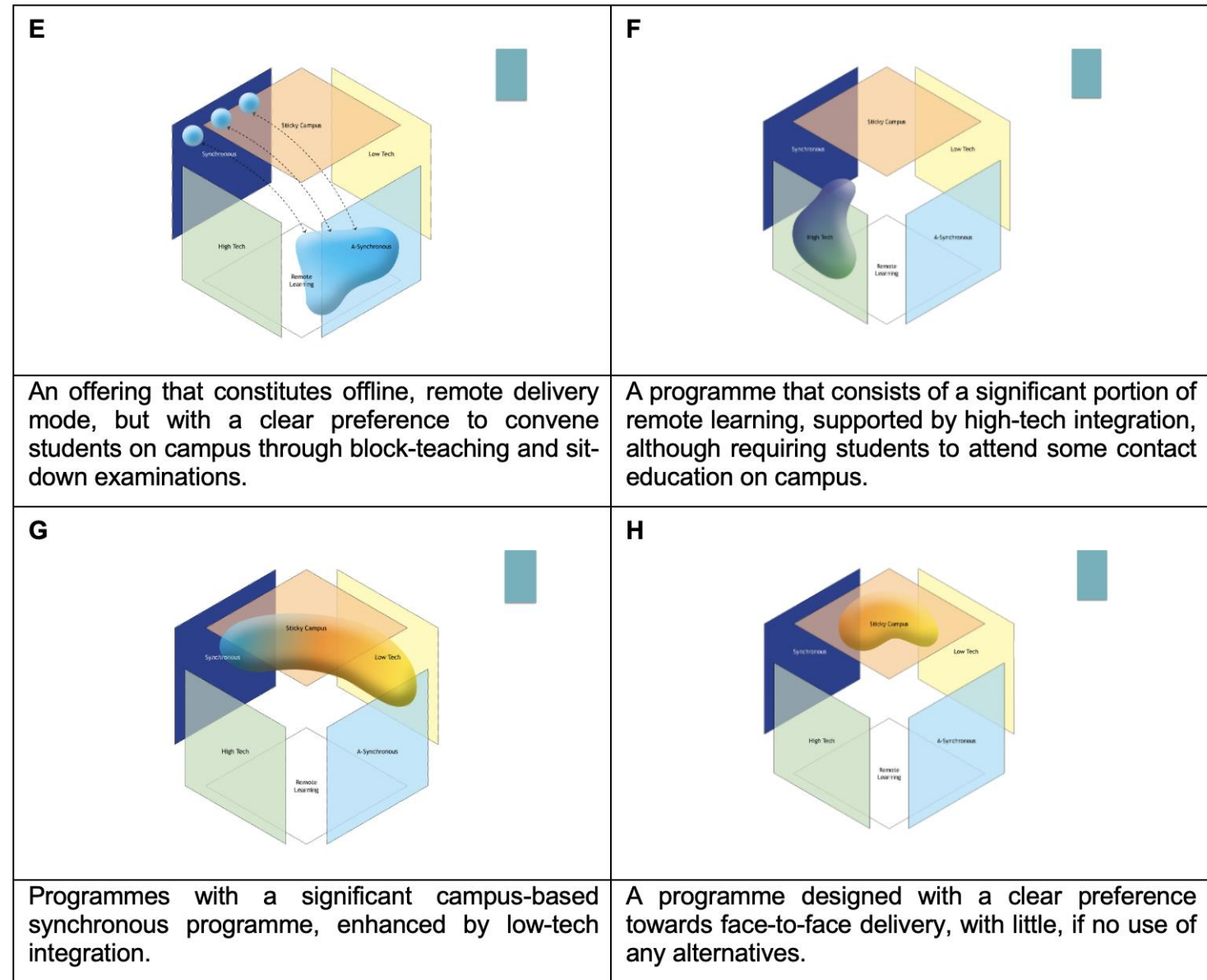


Figure 3: Contextual scenarios (NWU HyFlex T&L Model, 2022). Du Plessis (2022) Bates (2011)



Framework for future professor competencies

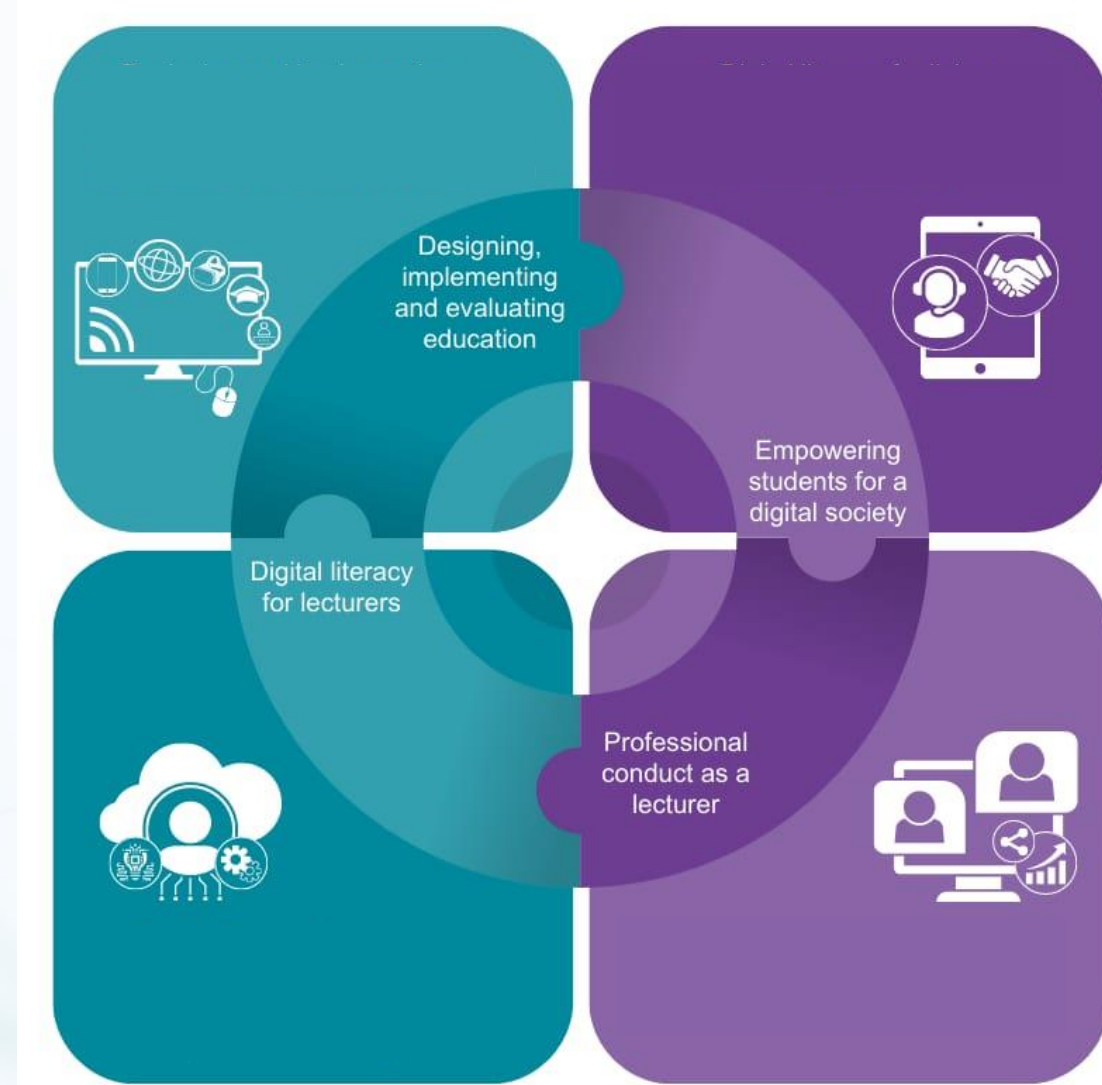


Figure 4: Digital competencies framework for lecturers in higher education (Uerz *et al.*, 2021)

Academic year and curricula

- Change in academic year layout

Changing the academic year

Table 1. NWU 2023 Academic days

	Class days	1 st exam	2 nd exam	Assessment	Total days
Semester 1	56	18	10	9	93
Semester 2	60	18	10	9	97
Total	116	36	20	18	190

Table 2. Proposed structure for the trimester and online catch-up period as 2024 academic year

	Commence	Finish	Weeks class	Assessment	Recess/Break
Online modules period	22 Jan	29 Feb	6 weeks	1 - 13 March (2 weeks)	18 – 31 March (2 weeks)
Trimester 1	1 April	24 May	8 weeks	23 May - 14 June (3 weeks)	15 June – 8 July (3 weeks)
Trimester 2	9 July	31 Aug	8 weeks	2 – 20 September (3 weeks)	23 – 30 September (1 week)
Trimester 3	1 Oct	22 Nov	8 weeks	25 Nov – 13 Dec (3 weeks)	14 Dec to Mid-January (4 weeks)

Academic year and curricula

- Re-thinking assessment
- Institutional Programme Qualifications Management
- Micro-credentialing
- Online degrees
- Blended learning

Future professor



Thank you



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