

Outside the

Notes from Institutional Effectiveness

Student Success Component Matrix

The student success matrix study sought to investigate the influence of student success (i.e. matriculation) components (SSC) on first-time student success and retention. The components of the SSC included: application (AP), orientation (OR), assessment (AS), counseling (CO), educational plan (ED) and follow-up (FU). The result of the study presented 30 combinations matrix of the SSC variables with relation to first term success and retention. The SSCs were analyzed to indicate which variable had statistically significant positive influence on first term success and retention. An additional analysis was conducted to determine which combination of SSCs is the best predictor of first term success and retention.

Table 1 SSC Matrix

SSC	N	Success	Retention
AP	3529	77%	89%
APOR	7	54%	69%
APAS	38	72%	85%
APCO	175	69%	88%
APED	5	54%	85%
APFU	0	-	-
APORAS	17	55%	82%
APORCO	94	71%	92%
APORED	1	40%	100%
APORFU	0	-	-
APASCO	568	49%	77%
APASED	17	39%	55%
APASFU	0	-	-
APCOED	131	71%	88%
APCOFU	0	-	-
APEDFU	0	-	-
APORASCO	454	61%	86%
APORASED	0	-	-
APORASFU	1	80%	80%
APORCOED	40	77%	91%
APORCOFU	1	67%	100%
APASCOED	530	61%	85%
APASEDFU	0	-	-
APASCOFU	2	50%	100%
APCOEDFU	0	-	-
APORASCOED	168	75%	94%
APORASCOFU	6	58%	94%
APORCOEDFU	1	100%	100%
APORASEDFU	0	-	-
APORASCOEDFU	7	90%	95%

The findings indicated that the majority (61%) of first-time student do not complete the SSCs and have a high first term success and retention rate. The findings of the first analysis showed OR and ED have a statistically significant positive influence on first term success and retention. Additionally, the second analysis specified the combination of APORASCOED was the best predictor of first term success and retention.

Our Perspective

The vision of the Department of Institutional Effectiveness is to continuously build and support a culture of evidence through the provision of institutional research studies, effectiveness enhancing methodologies and innovative strategic planning approaches to increase institutional and student performance.

