

Personalized Student-Centric Adaptive Learning with Educosoft

Unlike traditional instructor led classroom, instructions and one-size-fits-all model, Educosoft Adaptive Learning offers a perfect learner centric model with the following rich set of features.

Diagnostic assessment after thorough content review through Tutorials, Videos and Practice Test sessions:

- Personalized learning path based on performance in diagnostic assessment. The learning sequence is automatically adjusted in real-time, based on learner's engagement and performance level.
- The learning path is embedded with just-in-time, relevant pre-requisites (foundation) content.
- The student's progress monitor auto alerts/indicates the learner to keep him on track.
- Instructor/educator dash board that tracks learners' progress in learning outcome.
- Flexible grading system customized to suite desired instructional approach.
- Reporting and data analysis for administration to gain insights into learning outcome.
- Full suite of standard modern LMS features and authoring tools.

The system diagnoses learner's proficiency over various key concepts in a course through single or multiple assessments. Based on the learner's performance, the system identifies each learner's strengths and weaknesses and creates a personalized learning path for each individual to help them achieve mastery over the concepts. The learning path outlines various concepts the learner needs to improve, and prepare a sequence of activities to cover the identified knowledge gaps. Each concept has various types of learning resources; lecture videos, e-book, concept illustrations with animation and dynamic graphics, interactive examples and review exercises with corrective feedback.

Typical Student Activity and Progress Screen

Mod 1 Mod 2 Mod 3 Mod 2 Mod 5 Mod 6 Mod 7							Module 3: Equations and Inequalities				Expected completion by: 10/06/2018	
Chapter Overview Videos(s)		Chapter Diagnostic Test >		Practice	Test	TL	TT	Progress: 72%		#Qs	#Attempted	
				[100%]	[22%]	SSPQ *	SCDT **	#Qs	#Attempted			
3.1 Polynomial Equations	Study Notes	ETP Video	In-class Quizzes	Practice [100%]	Quiz [90%] (TT) [0%]	[0%]	[0%]	10	4 of 99			
3.2 Rational Equations	Study Notes	ETP Video	In-class Quizzes	Practice [100%]	Quiz [62%] (TT) [25.0%]	[25.0%]	[25.0%]	10	2 of 99			
3.3 Absolute Value Equ.	Study Notes	ETP Video	In-class Quizzes	Practice [100%]	Quiz [80%] (TT) [40.0%]	[40.0%]	[40.0%]	10	4 of 99			
3.4 Root Equations	Study Notes	ETP Video	In-class Quizzes	Practice [100%]	Quiz [40%] (TT) [0%]	[0%]	[0%]	10	55 of 99			
3.5 Inequalities	Study Notes	ETP Video	In-class Quizzes	Practice [100%]	Quiz [62%] (TT) [40.0%]	[40.0%]	[40.0%]	10	5 of 99			
Chapter Summary Note(s)		Chapter Mock Test >			Try Again [71%] ↑22%			20	6 of 99			

To view result page click on the score

* Score from study plan quizzes ** Score based on chapter diagnostic test (CDT)

Key Features and Tools

Mastery Verification



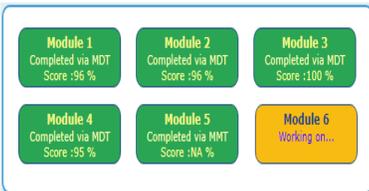
Verifies learner's mastery on concepts in a course, pinpoints strengths and weaknesses, and provides an effective learning path.

Personalized Learning Path

Activity	Study Notes	For Videos	Quizzes	Practice	Test	SSPQ	SCDT	#Qs	#Attempted
3.1 Polynomial Equations	Completed	Completed	Completed	Completed	Completed	100%	100%	10	4 of 10
3.2 Rational Equations	Completed	Completed	Completed	Completed	Completed	100%	100%	10	2 of 10
3.3 Absolute Value Equ.	Completed	Completed	Completed	Completed	Completed	100%	100%	10	4 of 10
3.4 Root Equations	Completed	Completed	Completed	Completed	Completed	100%	100%	10	10 of 10
3.5 Inequalities	Completed	Completed	Completed	Completed	Completed	100%	100%	10	5 of 10

Clear path and sequence of activities from foundation to challenging areas, closing learner's knowledge gaps on identified concepts leading to mastery.

Learner's Dashboard



Constantly updated progress information reflecting current status, task ahead, recommended planning.



Instructor's Dashboard

NAME	Module Status	Study Plan	Grade Report
Agard-Thomas, Sora F.	On Track	Final Due	
Aseemo, Helen	On Track	Module 6	
Berkley, Tawanna	On Track	Module 7	
Berry, Dondra	On Track	Module 6	
Carter, Stella	On Track	Module 6	
Cashen, Sheena	On Track	Module 7	
Epee Kinglock, Anny	On Track	Module 6	
Inah, Leah	On Track	Module 6	

Engagement: Tutorial, 39%; Homework, 11%; Practice, 35%; Test, 15%

Quick insight into each student's progress, struggling areas, and engagement level.

Learnina Resource Options



E-Book, tutorials with animation, graphics illustration, audio video lecture, interactive examples and review exercises with corrective feedback.

Quick Reconfiguration Tools



Handy tools for course reconfiguration, adjusting mastery level criteria, assessment settings, study plan rules.. , based on insights from analytics in dashboard.

Student Progress in Adaptive Learning Flow Chart

