New Life takes on the Emporium Model for Redesign

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Finding out more about the models:

NCAT Emporium Model http://www.thencat.org/PlanRes/R2R_Model_Emp.htm

Sue Sherry's slides: http://www.nvcc.edu/home/ssherry/syllabi/11fall/Math%20Redesign%20Models%20Power%20Point.pptx

New Life model http://dm-live.wikispaces.com and http://dm-live.wikispaces.com/Basics+Of+New+Life

Methods of the models:

Emporium	New Life
Eliminate instructor-led class time	Address the needs of ALL students
Require lab hours (computer work)	Reflect accumulated wisdom about mathematics
Instructor as tutor	Reflect accumulated wisdom about learning mathematics
Reduce cost: Reallocate instructor time	One developmental course for most students

Side-by-side comparison:

	Emporium Model	New Life Model
Goals	Reduce Cost, Increase retention, Increase Consistency Across sections	Appropriate content, Advance the profession, Reduce number of courses
Primary solution	Intensive use of technology	Local faculty build curriculum reflecting national standards
Professional history	Educause	AMATYC, MAA, NADE
Curriculum change	Emphasis on packaging and efficiency (modules)	Emphasis on creating a new and appropriate curriculum
Student Activity	Doing problems at computer, Asking questions	Multiple (class discussion, exploration, technology, online, etc)

Research related to models:

New Life model pilots in process this year (in 2011-2012); research not available yet.

The following references are for research related to the Emporium model

(1)Hodges, Charles: Self-Regulation Of Learners In An Asynchronous University Math Course
http://www.technologication.com/Hodges_Self_Regulation.pdf

(2) Hodges, Charles: Skills Necessary for Learner Success in an Emporium-designed Mathematics Course
http://www.eeraonline.org/journal/files/v16/JRE_v16n1_Article_7_Hodges.pdf

(3) Rutschow, Elizabeth; Schneider, Emily: Unlocking the Gate: What We Know About Improving Developmental Education
http://www.mdrc.org/publications/601/full.pdf

(4) Bishop, Amy Renee:
The effect of a math emporium course redesign in developmental and introductory mathematics courses on student achievement and students' attitudes toward mathematics at a two-year college
http://gradworks.umi.com/34/37/3437888.html

Summary:

Emporium	New Life
Curriculum not changed (delivery is)	Curriculum changed in basic ways
Faculty as tutor	Faculty as professional
Modules, software	Course, class
Students don't do optional	Students develop needed abilities