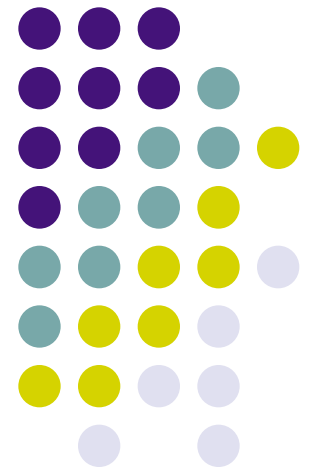
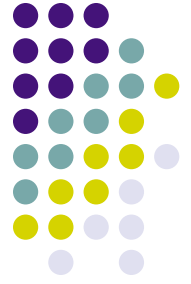


National Engineering Mathematics Consortium

Texas A&M University -
Kingsville

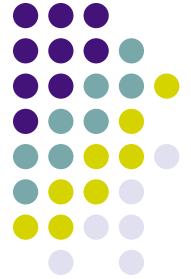




Administrative Hurdles

- University Curriculum Committee
 - College of Arts and Sciences
 - Mathematics Department
 - A Positive Outcome
 - Implementation

New Course Approval Process



Originator

Department

College Curriculum Committee

Dean

University Curriculum Committee

Provost

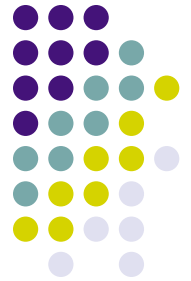
President

Texas Higher Education Coordinating Board

College of Arts and Sciences

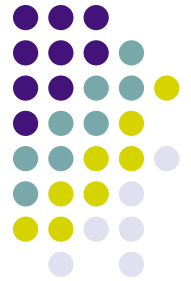


- Course would reduce math enrollment hours
- Be a stepping stone to moving math education into the College of Engineering
- Displace math faculty
- Mathematics had made great strides in making the math courses more application oriented
- Mathematics had modified their courses and significantly improved success rate
- Therefore, no need for the new course.



Mathematics Department

- Support from Dr. Reza Ahangar and Dr. Andre Mack
- Developed an acceptable compromise to satisfy the A&S objections
 - Engineering Mathematics a MATH course
- Senior Math faculty – no need for Wright State Model, they could build their own
- Dr. Ahangar enlists Mr. Marc Cortez



A Positive Outcome

Engineering Majors

College Algebra

Trigonometry

Engine Math (4)

Calculus I

Calculus II

Differential Equations
Equations

Calculus III

Non-Engineering Majors

College Algebra

Trigonometry

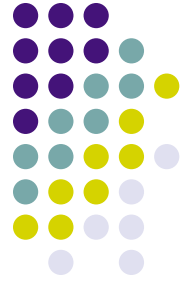
Analytic Geometry (3)

Calculus I

Calculus II

Differential

Calculus III



Implementation

- Summer II (July)
 - MATH 3390 Topic: Engineering Mathematics
 - Mr. Marc Cortez + Graduate Students
- Fall 2009
 - MATH 1348 Analytic Geometry
 - Special section with added laboratory
- Spring 2010
 - Engineering Mathematics in place as its own number