Miami Dade College
College-wide CASSC Electronic Meeting – DECEMBER 9, 2008
CURRICULUM REPORT #58

1. School of Computer and Engineering Technologies

Dean Tom Meyer

Proposal from Richard White

Add New Courses

Course No.	Course Title	Credits	Campus	Eff. Term
CAP1301	Introduction to Analytics	4	1,2,3,5,6,7,8	2008-2

Course Description: This course is designed for students who require or are interested in basic aspects of data mining and analytics using domain-specific data. Students learn the computerized techniques to organize, manipulate, report, present, depict and analyze domain-specific data in order to find or otherwise derive information. Laboratory fee. Prerequisite: CGS1060 and use of a Desktop Database Application.

Course No.	Course Title	Credits	Campus	Eff. Term
CAP2302	Advanced Analytics	4	1,2,3,5,6,7,8	2008-2

Course Description: This is an advanced course in analytics. Students will learn to review and expand the use and fundamentals of databases and database programming for implementing analytics. Students will also learn to design data models and subsequently implement and use analytics and data mining techniques to derive information from domain-specific databases. The MySQL database engine and its SQL implementation will be used. Pre-requisites: CAP1301 and CIS1321.

APPROVE_____OPPOSE_____ MORE INFORMATION _____