



CURRICULUM ALIGNMENT 2013 Report



Stands For Opportunity



VALENCIA

CENTRAL FLORIDA
DISTRICT SCHOOLS

Presented by:

UCF Regional Campuses

**CENTRAL FLORIDA REGIONAL
CURRICULUM ALIGNMENT CONFERENCE**

THURSDAY, FEBRUARY 21, 2013

**CURRICULUM ALIGNMENT CONFERENCE REPORT****THURSDAY, FEBRUARY 21, 2013****OAK ROOM, UCF ORLANDO CAMPUS**

Approximately 70 teachers, faculty and administrators from K-12, partner colleges and UCF attended the 6th Curriculum Alignment Conference. Mike Hampton with UCF opened the meeting by welcoming attendees and giving a brief overview of the Curriculum Alignment Initiative and outlined the purpose of the day's event. Angé Peterson with UCF Regional Campuses added her welcome and gave a brief history of the Curriculum Alignment work that has been accomplished since the initiative began in 2005. She added that during the morning portion of the program, four presentations would be given - two by the Florida Department of Education (FLDOE) representatives, a third will provide data regarding student success in the STEM disciplines, and the fourth from a local CEO who will give his views on how STEM and the arts will support the future of manufacturing.

Karol Yeatts, Director, Office of Mathematics and Science, Bureau of Curriculum and Instruction
Florida Department Of Education

Dr. Yeatts stated she was impressed by the curriculum alignment work that's been done in Central Florida and encouraged everyone to keep the momentum going. She stated curriculum alignment was a priority at the state level and that specific goals had been set based on FLDOE's Strategic Plan. Dr. Yeatts presented data about the state's initiatives and gave links to websites that will provide additional information and resources. Her presentation can be read by going to [Curriculum Alignment Home Page](#) and clicking on 02 21 2013 FLDOE Curriculum Alignment.

Cassandra Brown, Coordinator of Postsecondary Readiness, Division of Florida Colleges
Florida Department Of Education

Cassandra Brown also praised the curriculum alignment work that has been done in Central Florida. She outlined what FLDOE is doing to support the STEM initiatives statewide and how the plan is designed to result in high paying jobs and increase economic development growth. Cassandra also provide information about the Statewide Course Numbering System, the Postsecondary Education Readiness Test (PERT), resources at FLDOE and upcoming events that support the goals and initiatives she outlined in her presentation. Her presentation can be read by going to [Curriculum Alignment Home Page](#) and clicking on 02 21 2013 FLOE STEM Presentation.

Sandra Archer, Director, University Analysis and Planning Support
University of Central Florida

Sandra Archer gave a presentation titled Baseline UCF STEM Data - Using Data To Inform the Curriculum Alignment Initiative. Her presentation focused on Admissions Academic Performance and Graduation for both STEM and non-STEM majors over time. Sandra presented compelling data that showed the relationship between all three and the number of STEM and non-STEM degrees that were awarded by UCF. Her presentation can be read by going to [Curriculum Alignment Home Page](#) and clicking on 02 21 2013 STEM Data.



C. Mike Newton, CEO & Founder, Newton Cyberfacturing

At lunch, participants listened to C. Mike Newton, CEO of Newton Cyberfacturing who spoke about the next technology revolution, which will be centered on 3D Manufacturing/Printing. Mike explained that the success of this type of manufacturing would depend on graduates and employees with strong STEM and artistic backgrounds. His presentation can be read by going to [Curriculum Alignment Home Page](#) and clicking on 02 21 2013 Cyberfacturing - UCF STEM Overview.

The afternoon session gave representatives from each of the six disciplines - Math, Biology, Physics, Engineering, Computer Programming and Chemistry - an opportunity to discuss ways to evaluate the effect of the curriculum alignment work that has been done so far and to discuss its implementation. Each group reported their findings during a report-out session at the end of the meeting.

Each of the disciplines will meet one more time before the end of the academic year to map out definitive ways to implement curriculum alignment at all levels and to evaluate the effects. Another Curriculum Alignment Conference will be held in the Fall of 2013.

