

ACADEMIC AND STUDENT AFFAIRS COMMITTEE

October 17, 2006

SUBJECT: Overview of IT at FAU/Distance Learning

PROPOSED COMMITTEE ACTION

None

BACKGROUND INFORMATION

As part of the Campus Academic Mission and Programs planning process, an analysis of how Distance Learning (DL) would be used was analyzed. Each college was requested to submit information to the Provost that defined how many DL courses would be taught using various medium: a) The number of classes using the Internet where students and faculty do not need to meet at the same time, such as Blackboard , also known as Asynchronous Learning; b) The number of classes using videoconferencing so that students and faculty would be meeting at the same time, also known as Synchronous Learning; and c) The number of degree programs that could be completed fully on line.

The responses indicate that steady and rather sharp increases in the number of DL courses and full degree programs are projected by the colleges on all campuses. It was also determined that all campuses would be used to originate courses and have the course received on anywhere from 2 to 5 other campuses.

IMPLEMENTATION PLAN/DATE

The timeline for implementation follows the same timeline as the academic program offerings.

FISCAL IMPLICATIONS

A fiscal analysis is provided (enclosed) that indicates one time as well as recurring expenditures necessary to implement the findings.



On-line Courses Current and Projected

Academic & Student Affairs Committee

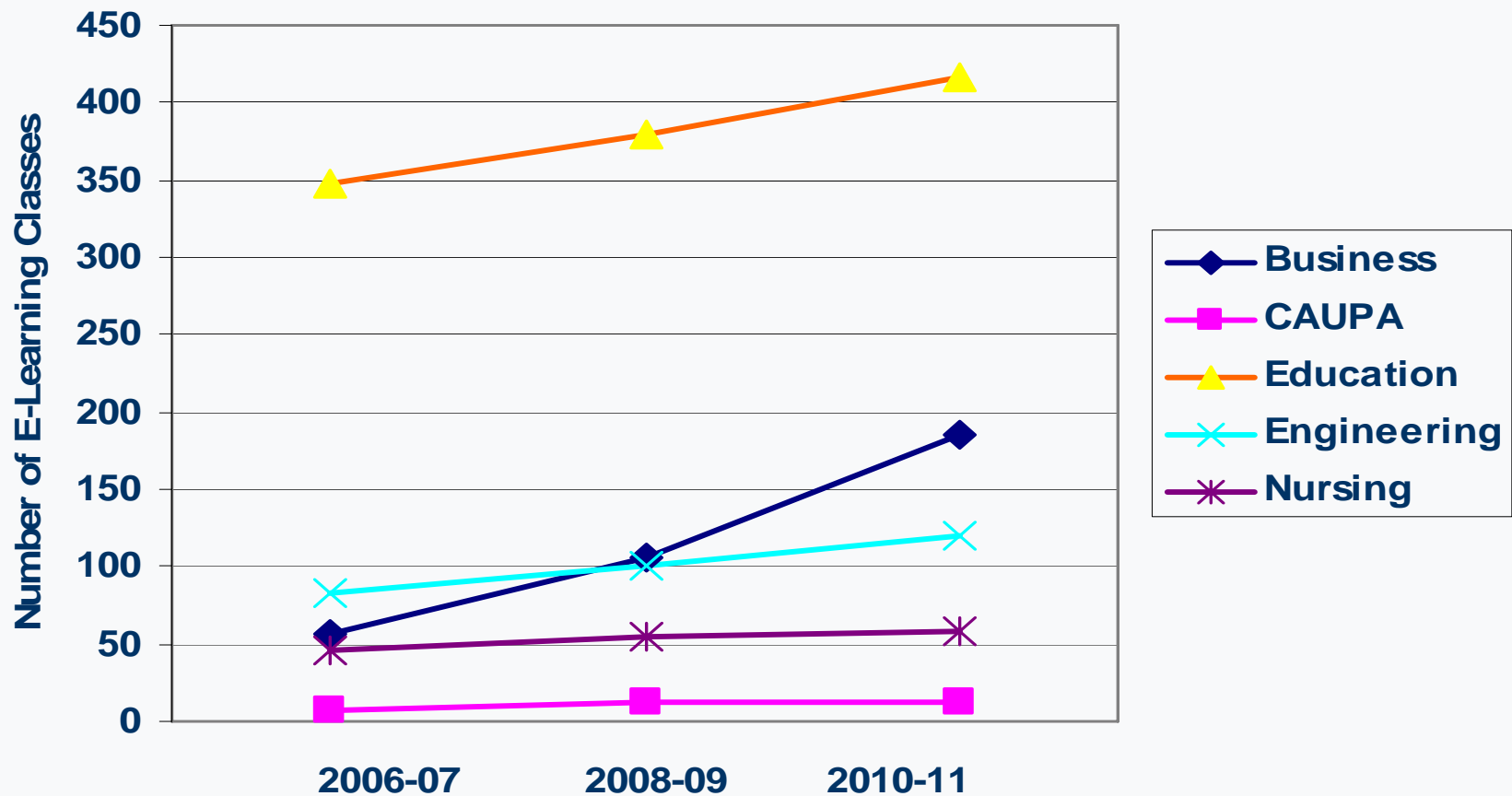
Meeting of October 17, 2006

E-Learning Classes

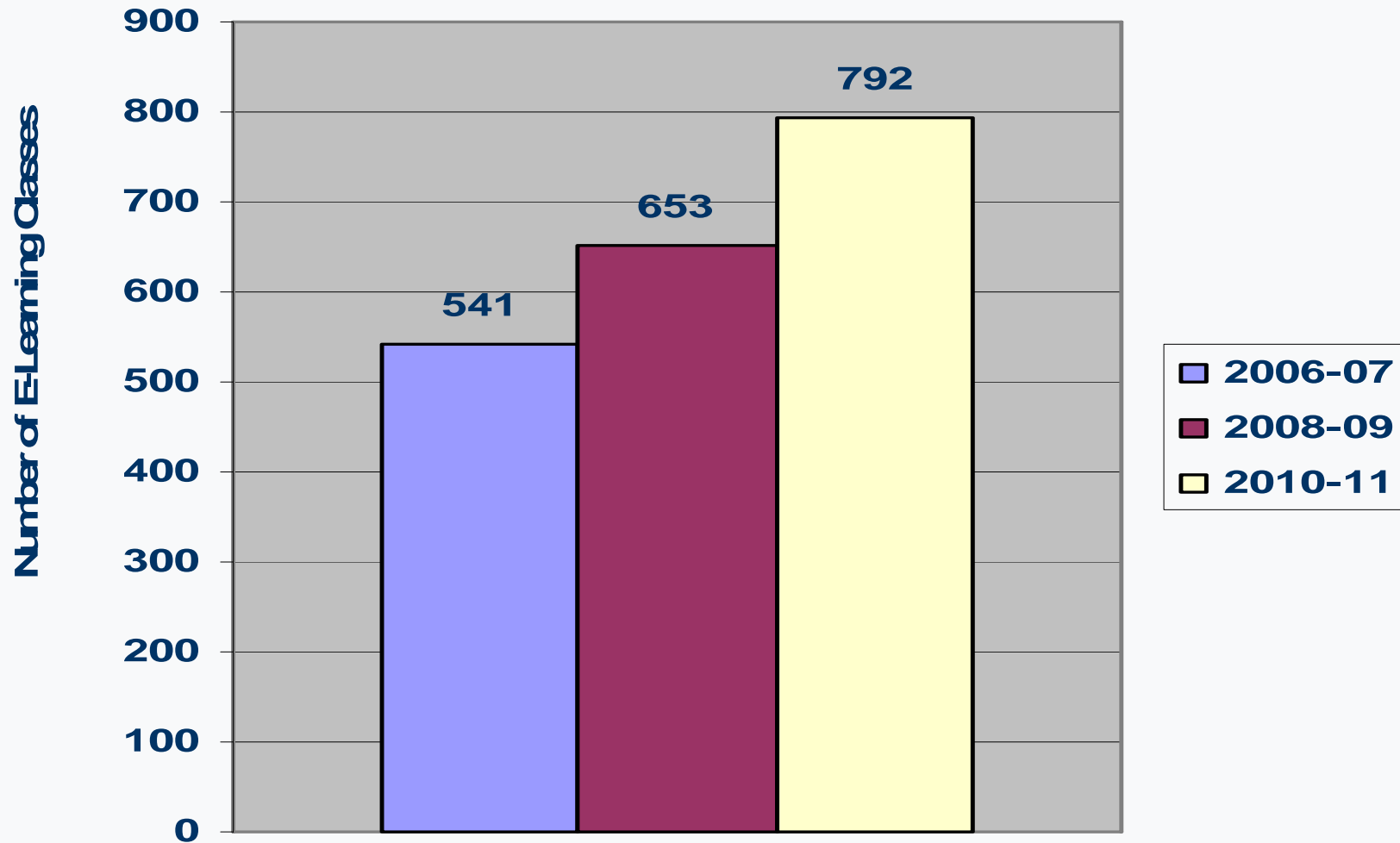
Definition:

Classes delivered in such a way that faculty and students do not need to meet at the same time. Utilizes methods such as Blackboard, eCollege, Internet tools, videotape. (Also known as *Asynchronous Classes*)

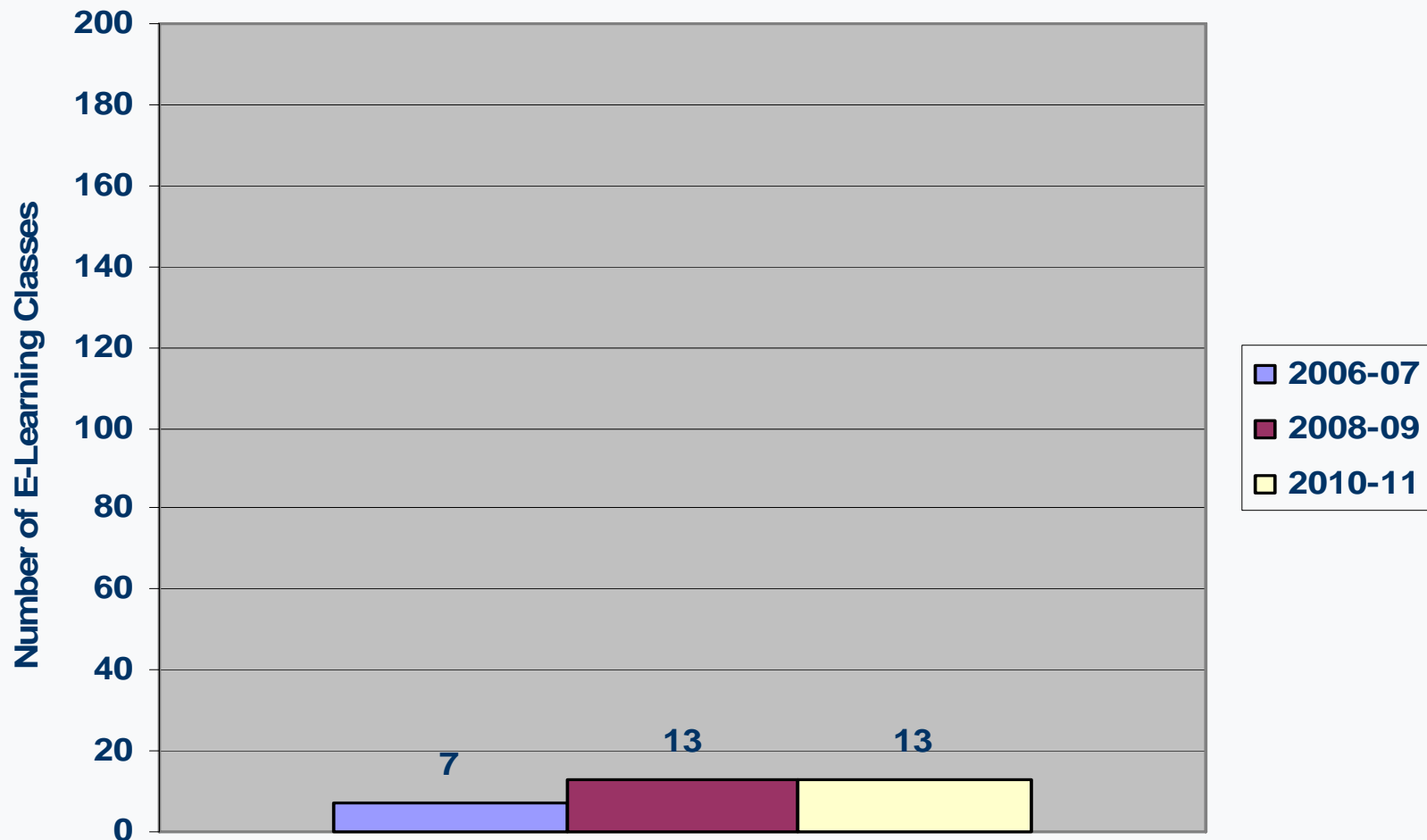
All Colleges Reporting E-Learning Class Projections (Comparative)



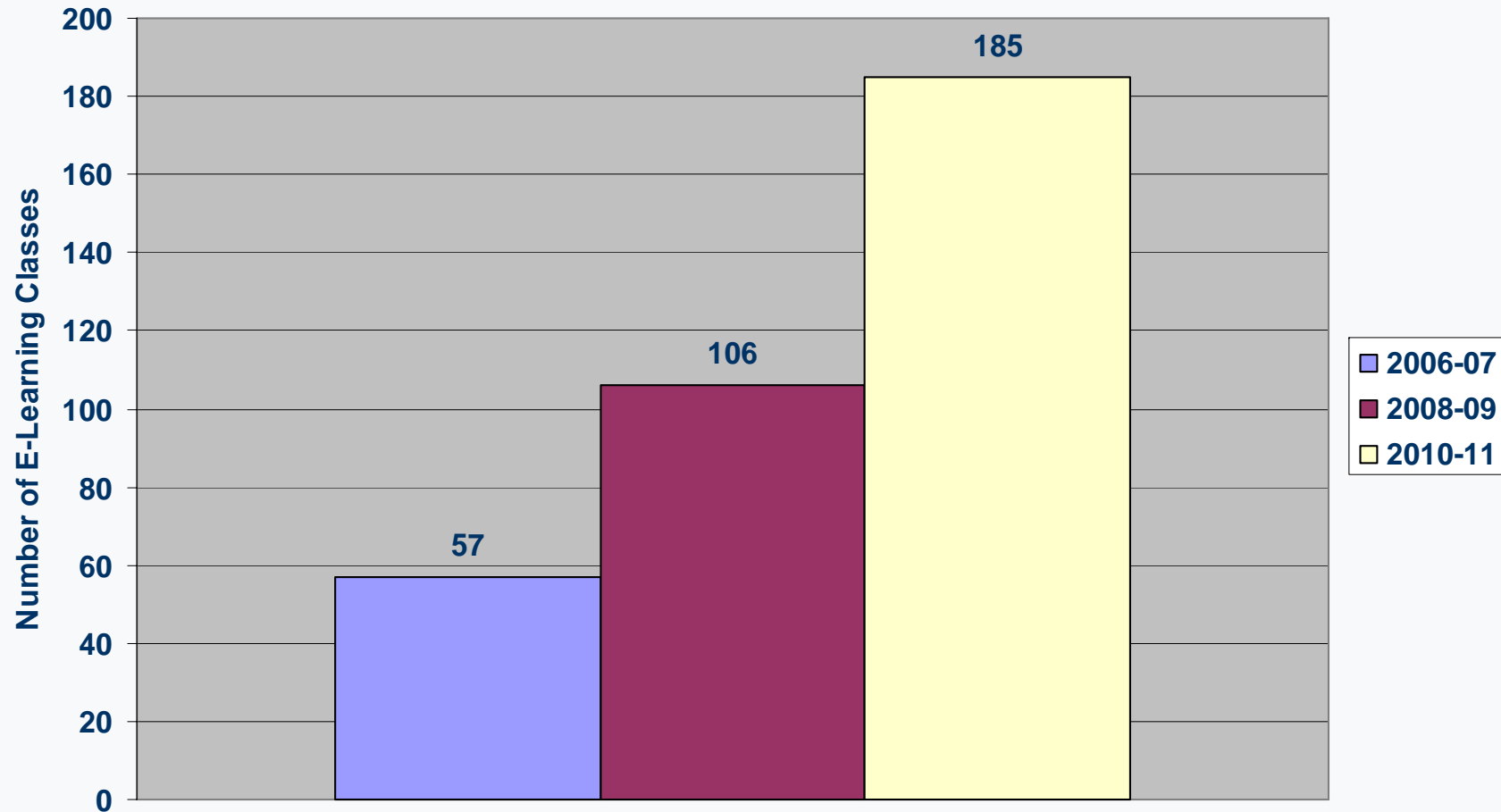
All Colleges Reporting E-Learning Class Projections - Total



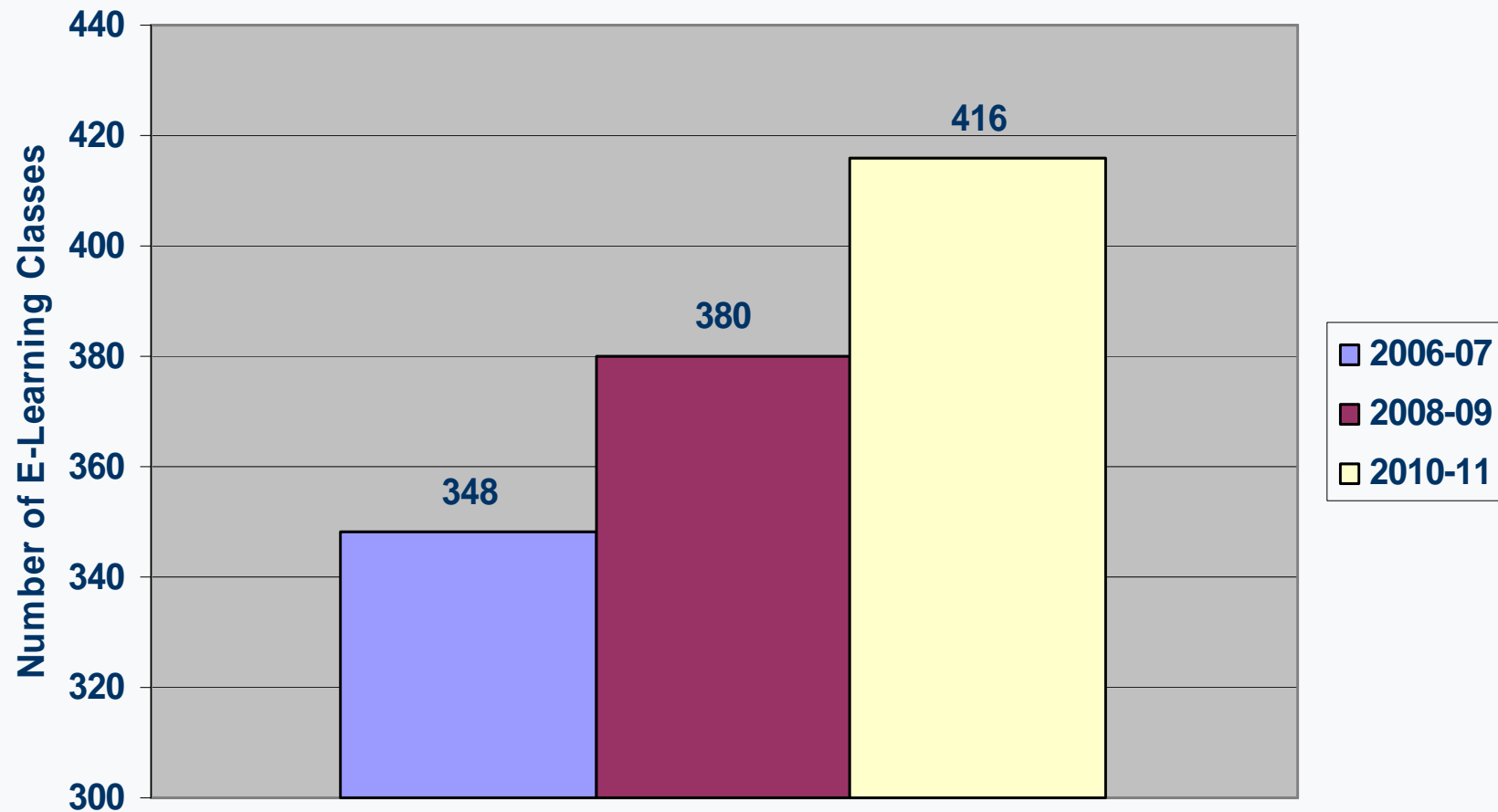
College of Architecture, Urban and Public Affairs E-Learning Class Projections



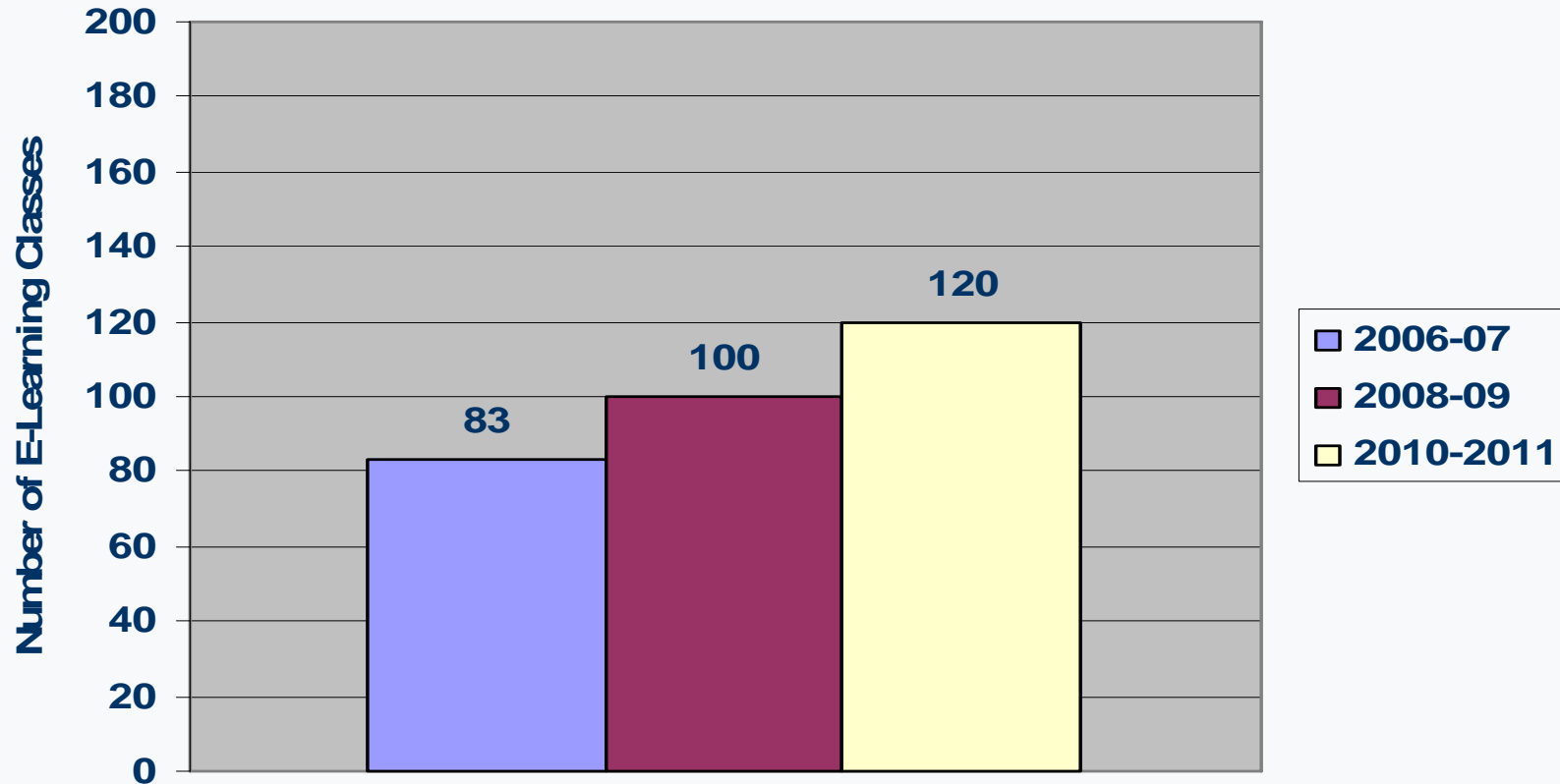
College of Business E-Learning Class Projections



College of Education E-Learning Class Projections

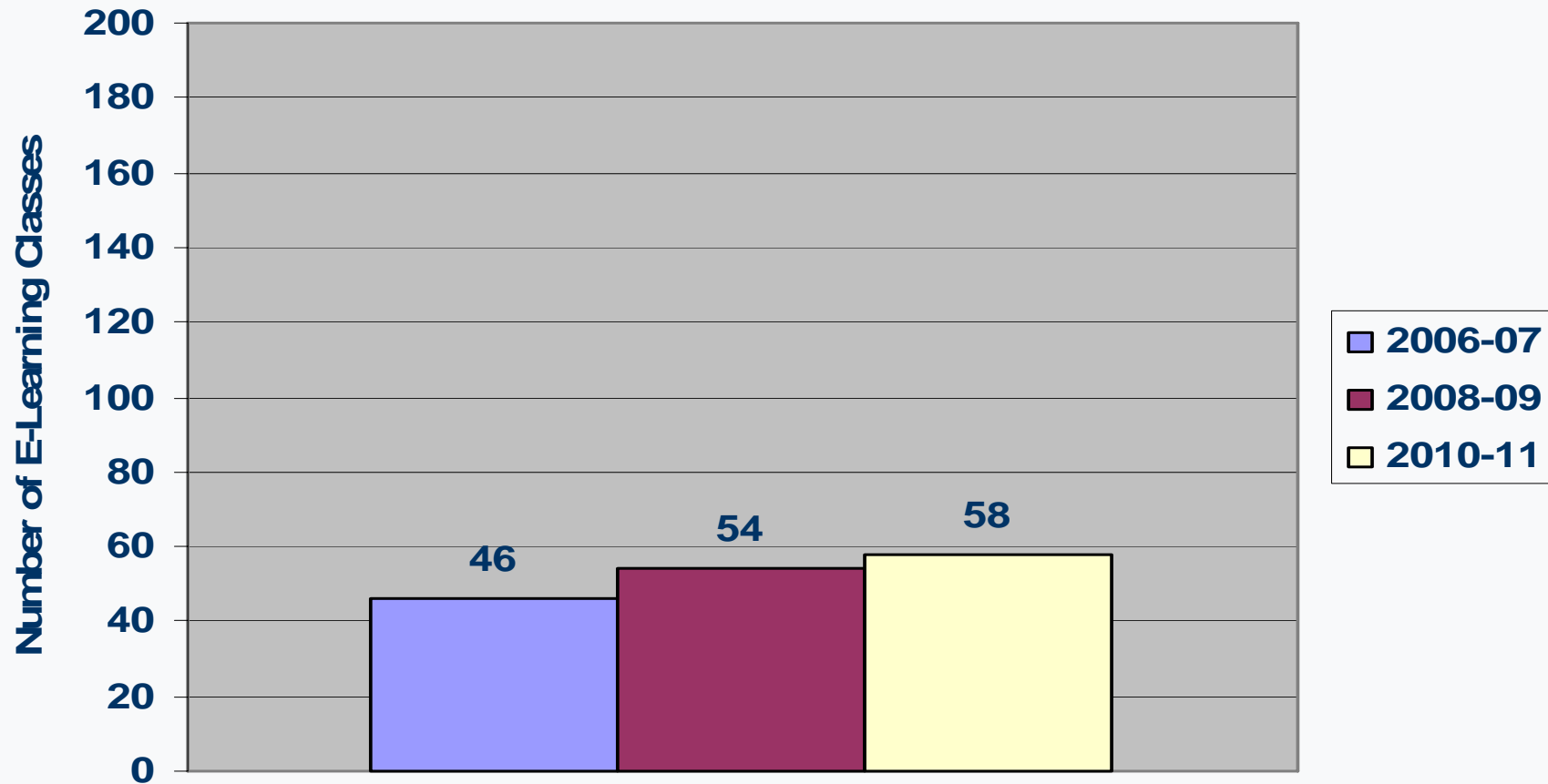


College of Engineering E-Learning Class Projections



Engineering courses are both synchronous and asynchronous. Students are in the classroom with the instructor; the course is videotaped and distributed to those wanting to take it asynchronously (FEEDS).

College of Nursing E-Learning Class Projections

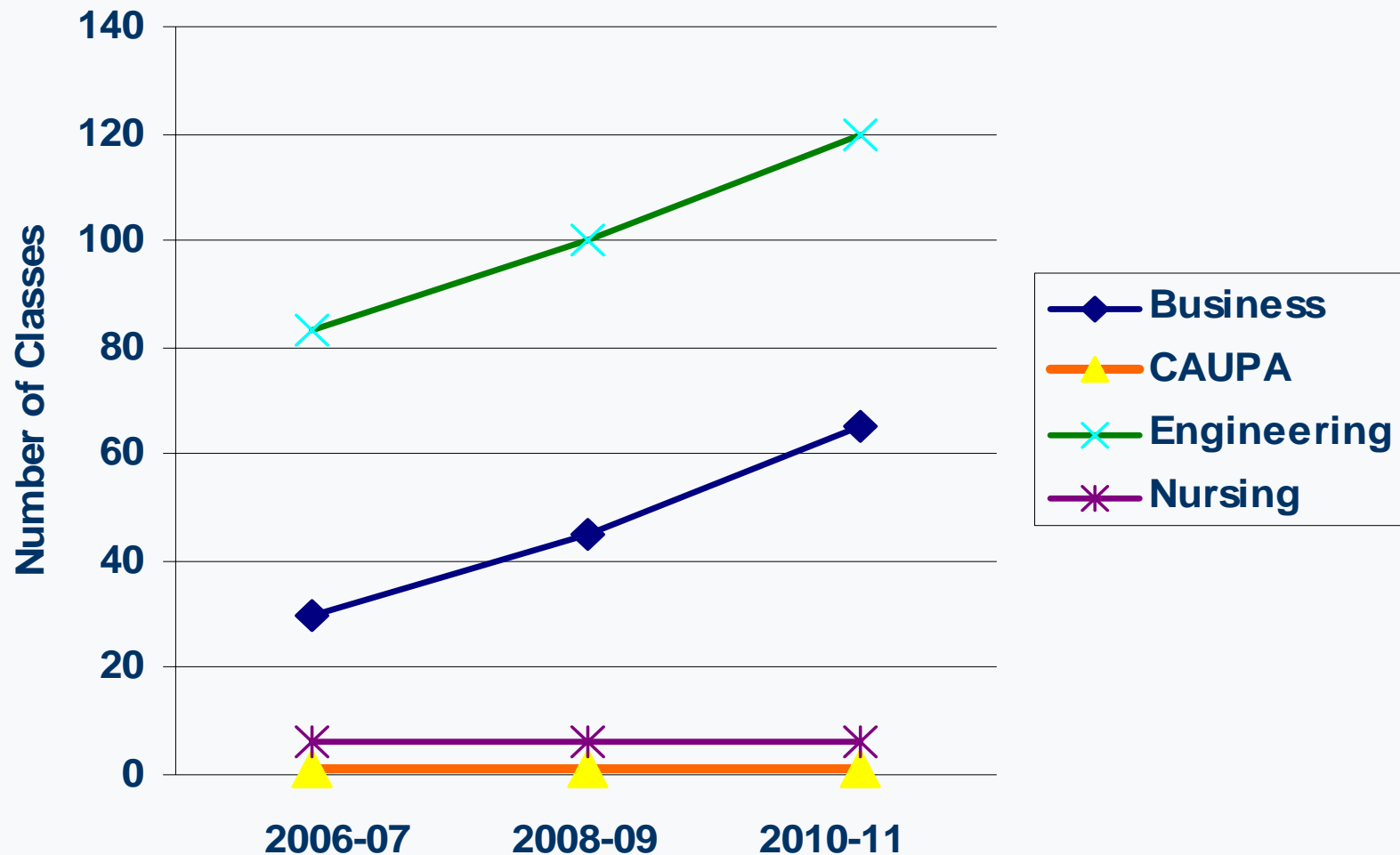


Synchronous Classes

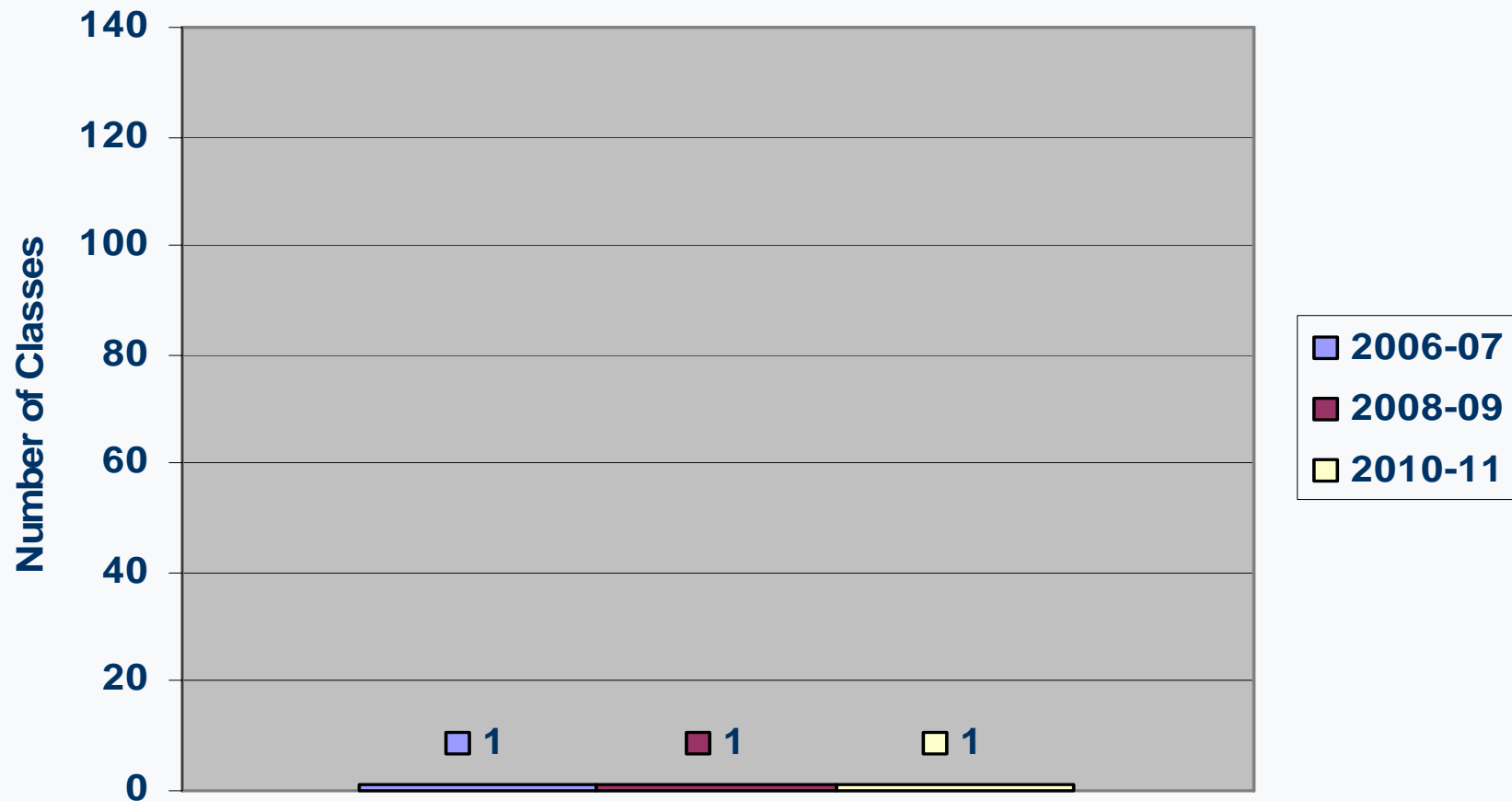
Definition:

Classes delivered in such a way that faculty and students must meet at the same time (e.g., videoconferencing).

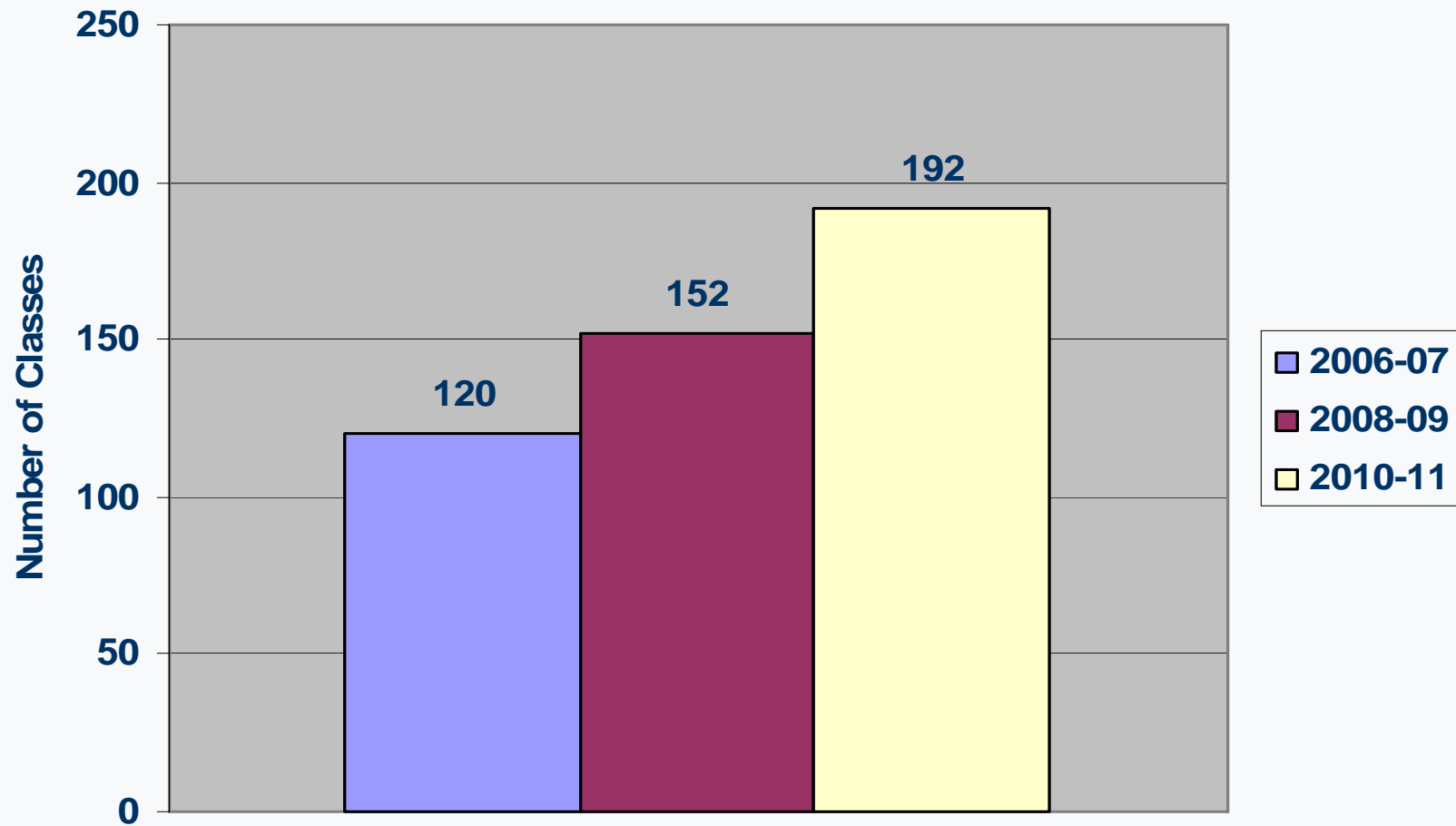
All Colleges Reporting Synchronous Class Projections (Comparative)



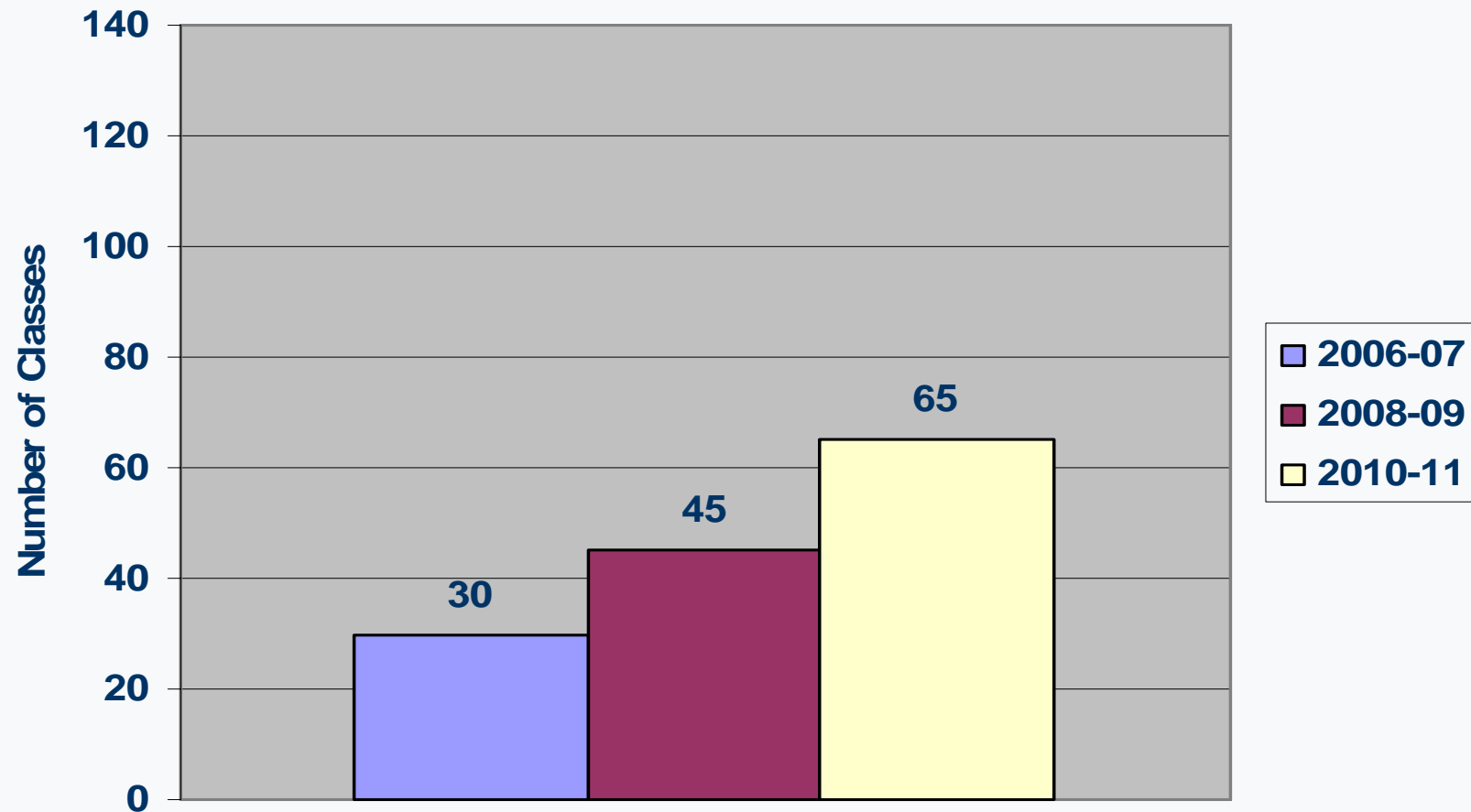
College of Architecture, Urban and Public Affairs Synchronous Class Projections



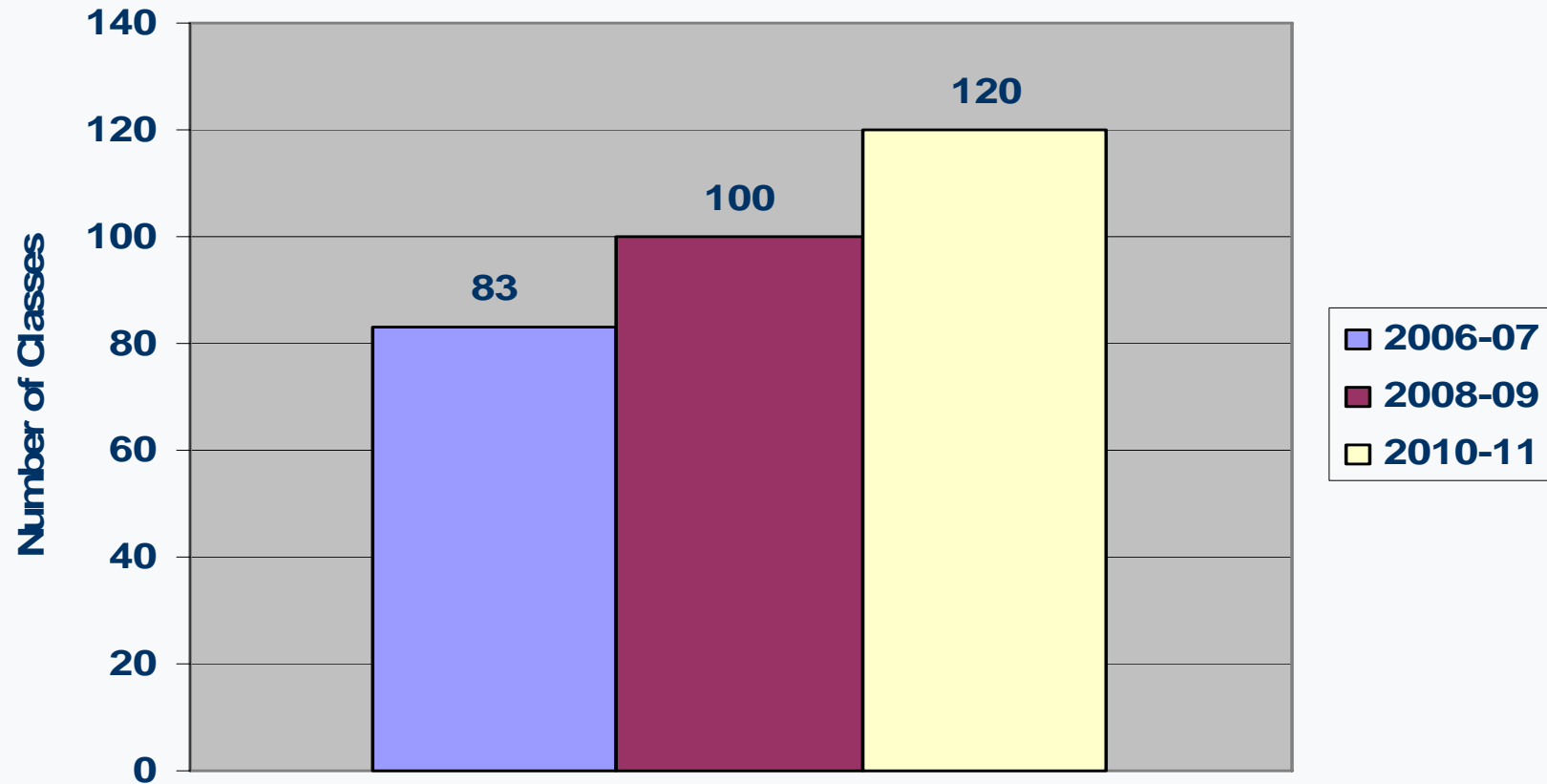
All Colleges Reporting Synchronous Class Projection Total



College of Business Synchronous Class Projections

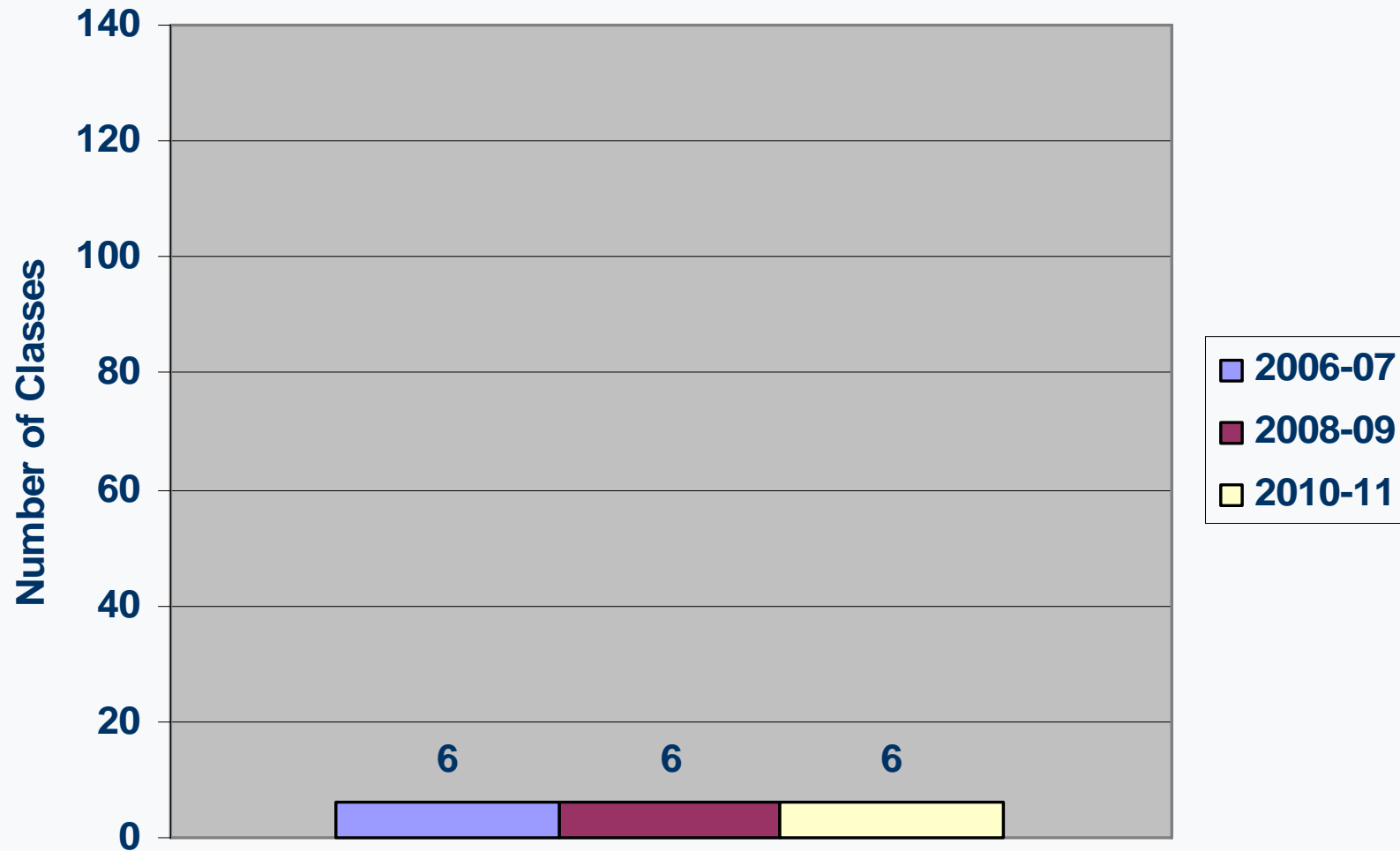


College of Engineering Synchronous Class Projections



Engineering courses are both synchronous and asynchronous. Students are in the classroom with the instructor; the course is videotaped and distributed to those wanting to take it asynchronously (FEEDS).

College of Nursing Synchronous Class Projections

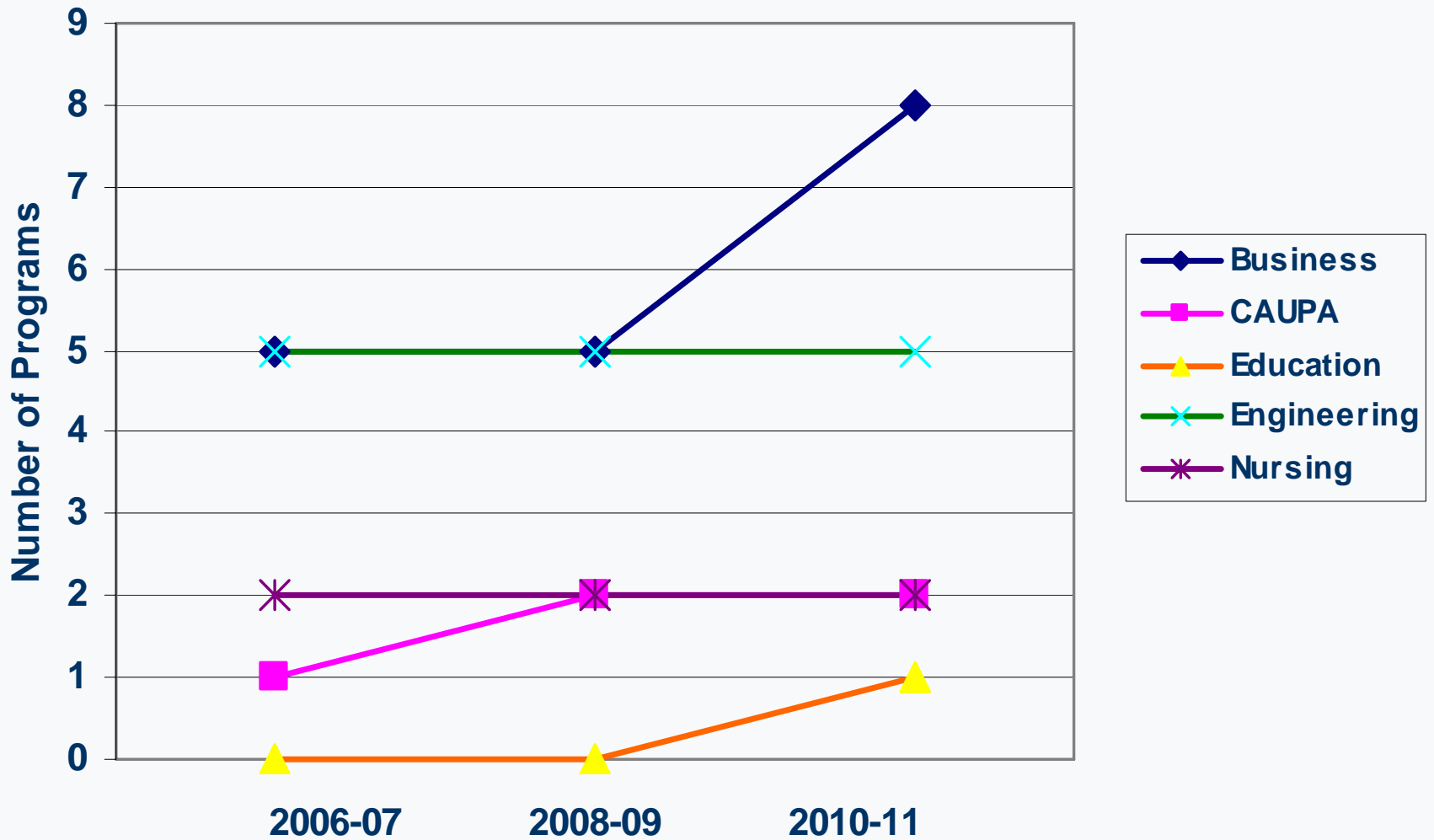


Fully Online Programs

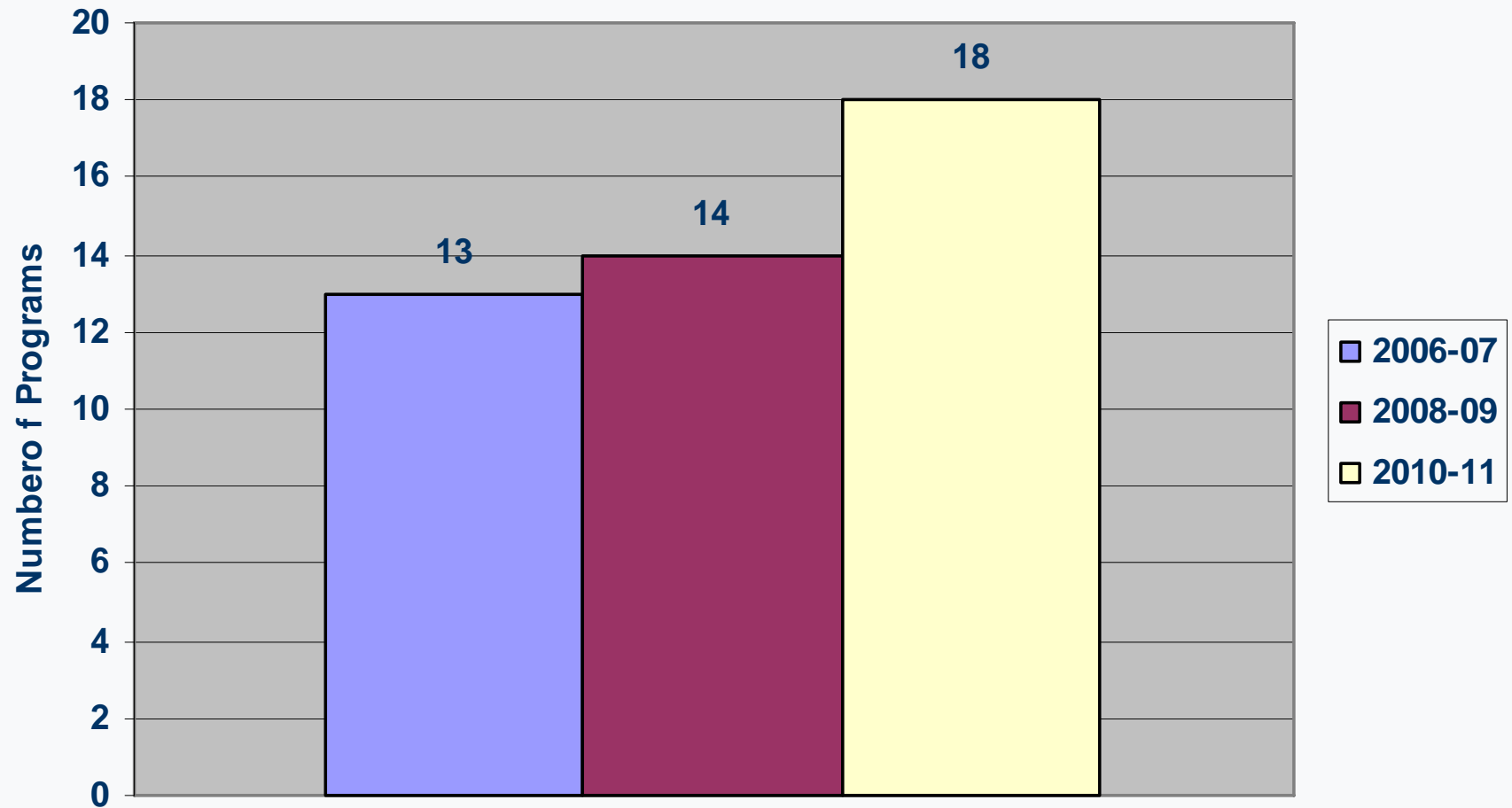
Definition:

All courses in the program can be completed online.

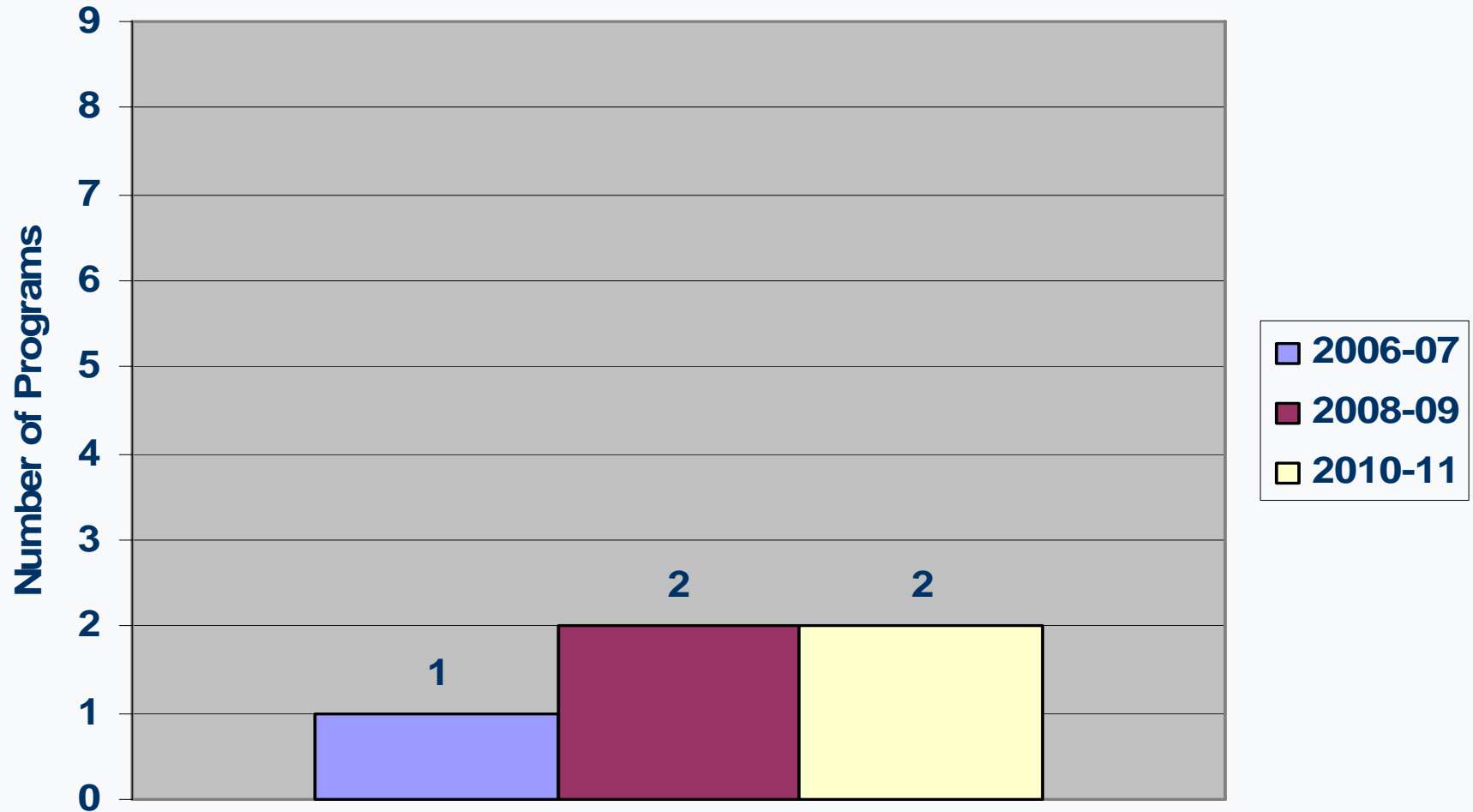
All Colleges Reporting Full Programs Online Projection



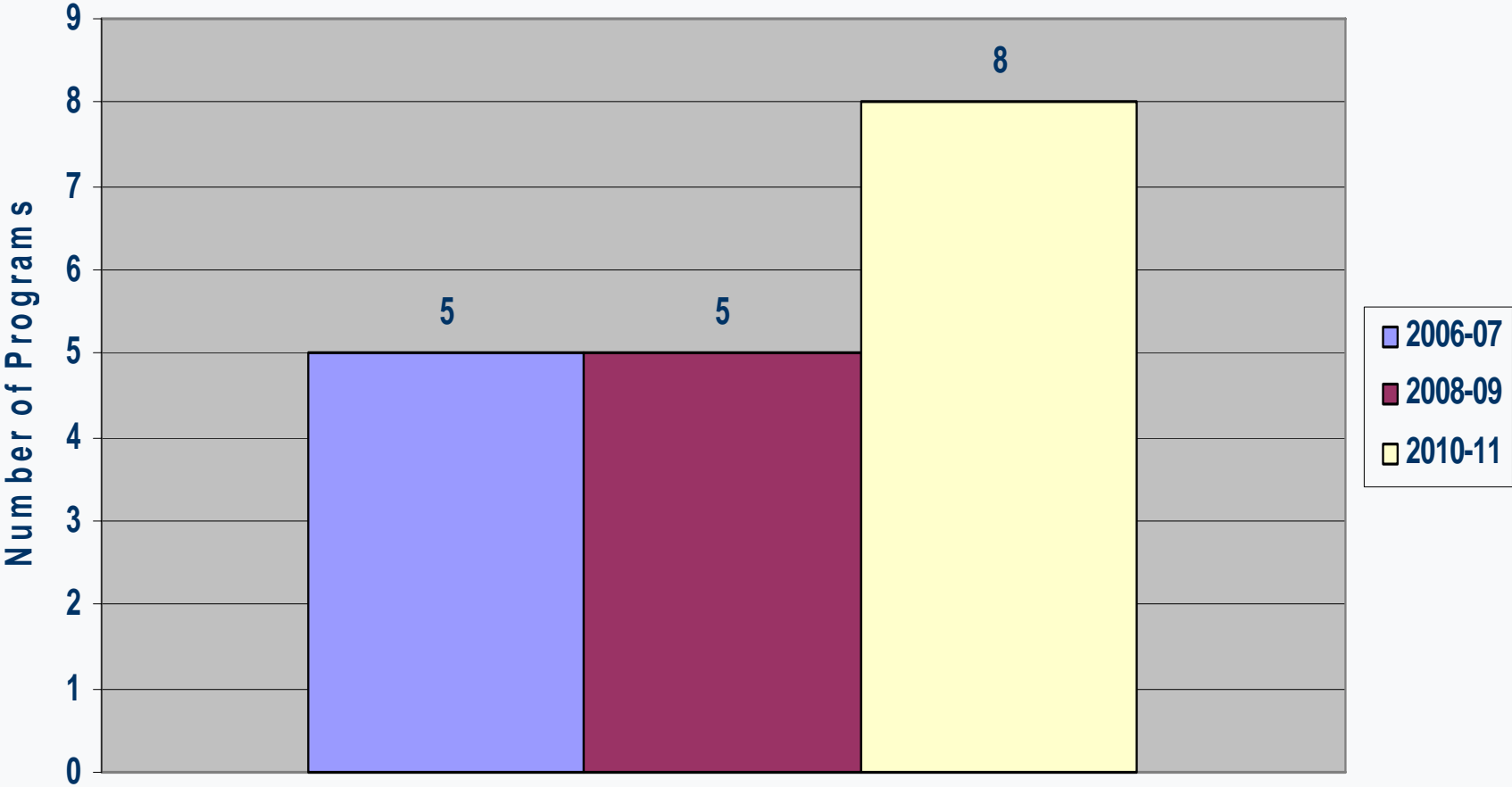
All Colleges Reporting Full Program Online (Total Projection)



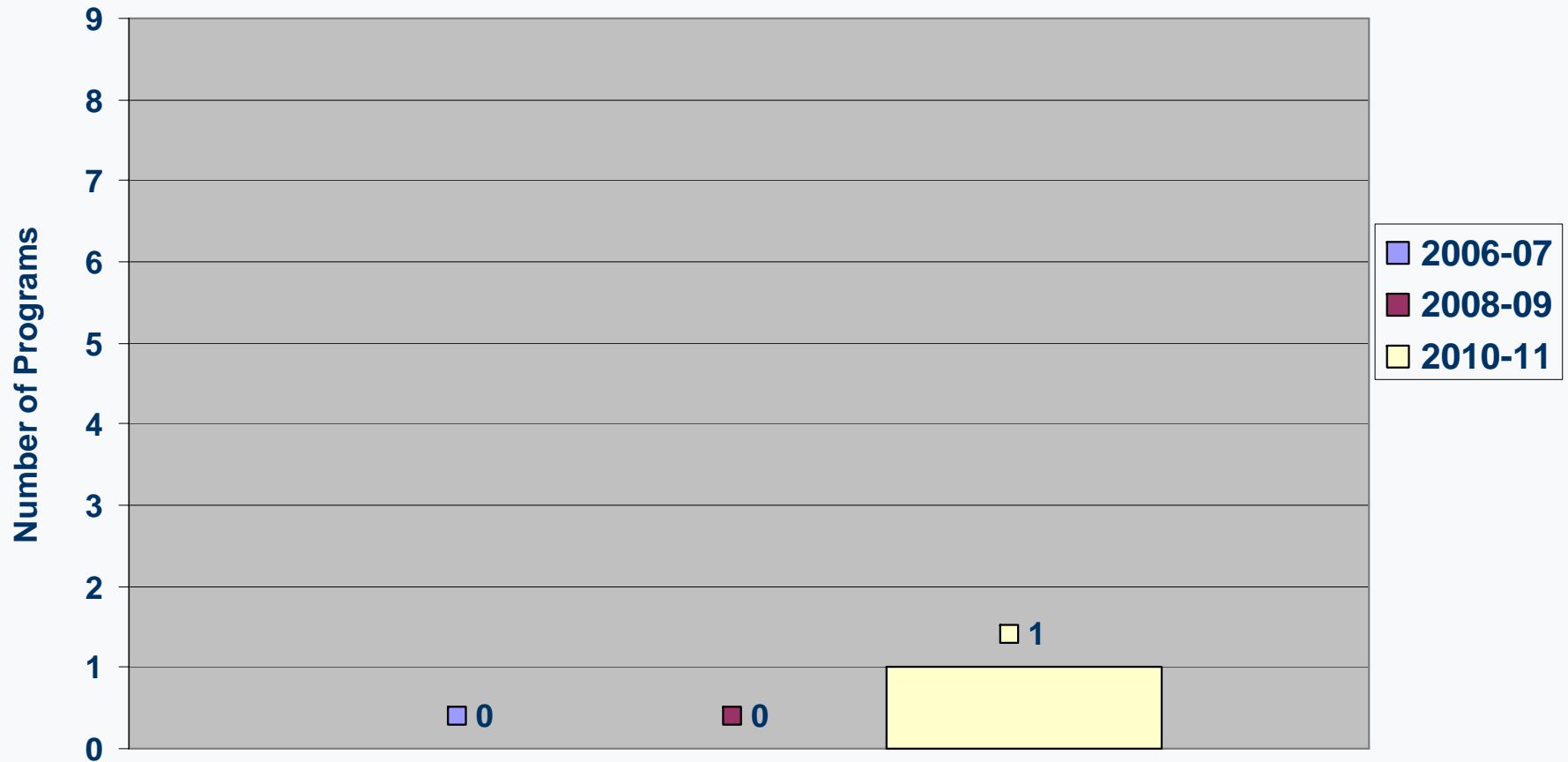
College of Architecture, Urban and Public Affairs Full Programs Online



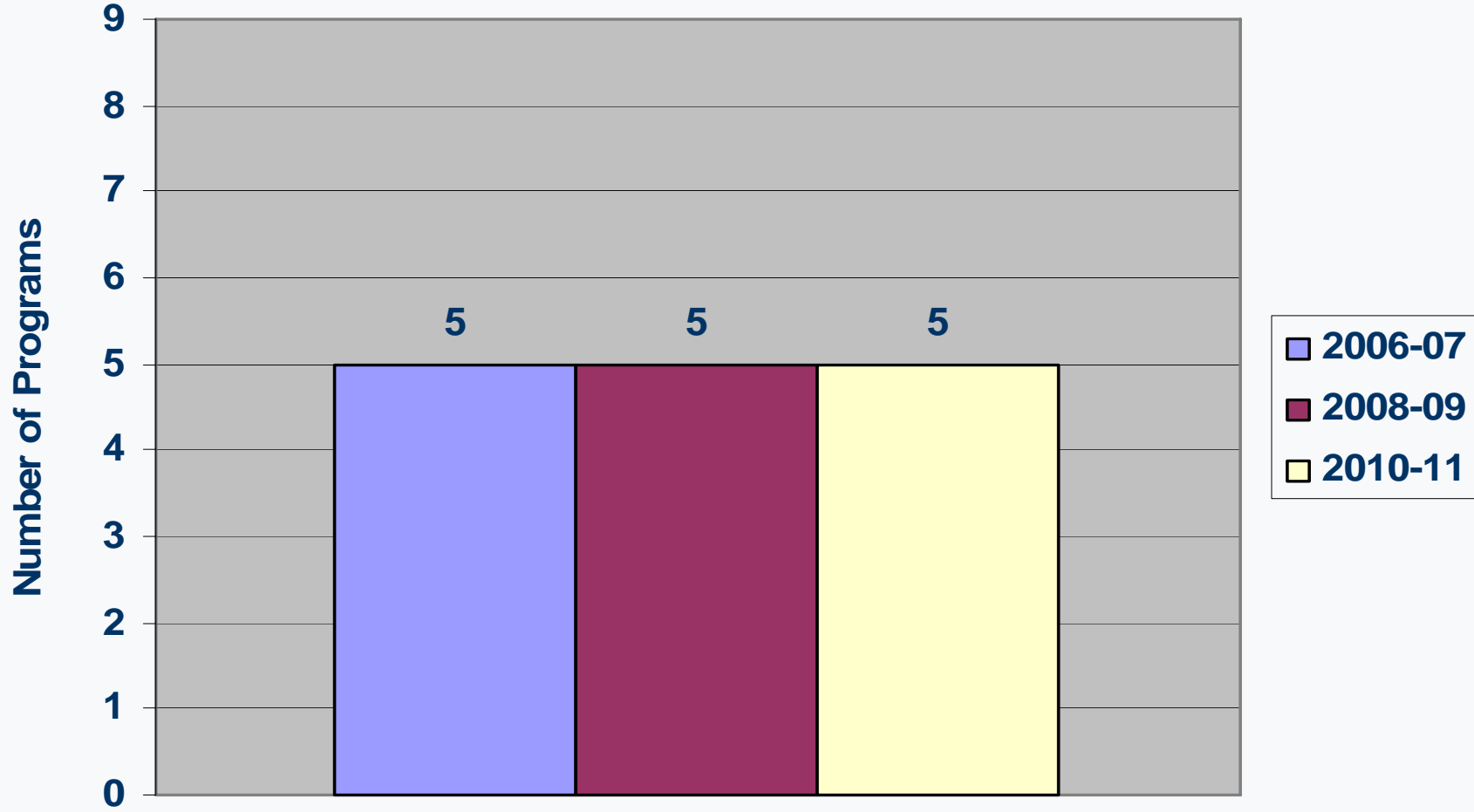
College of Business Full Programs Online



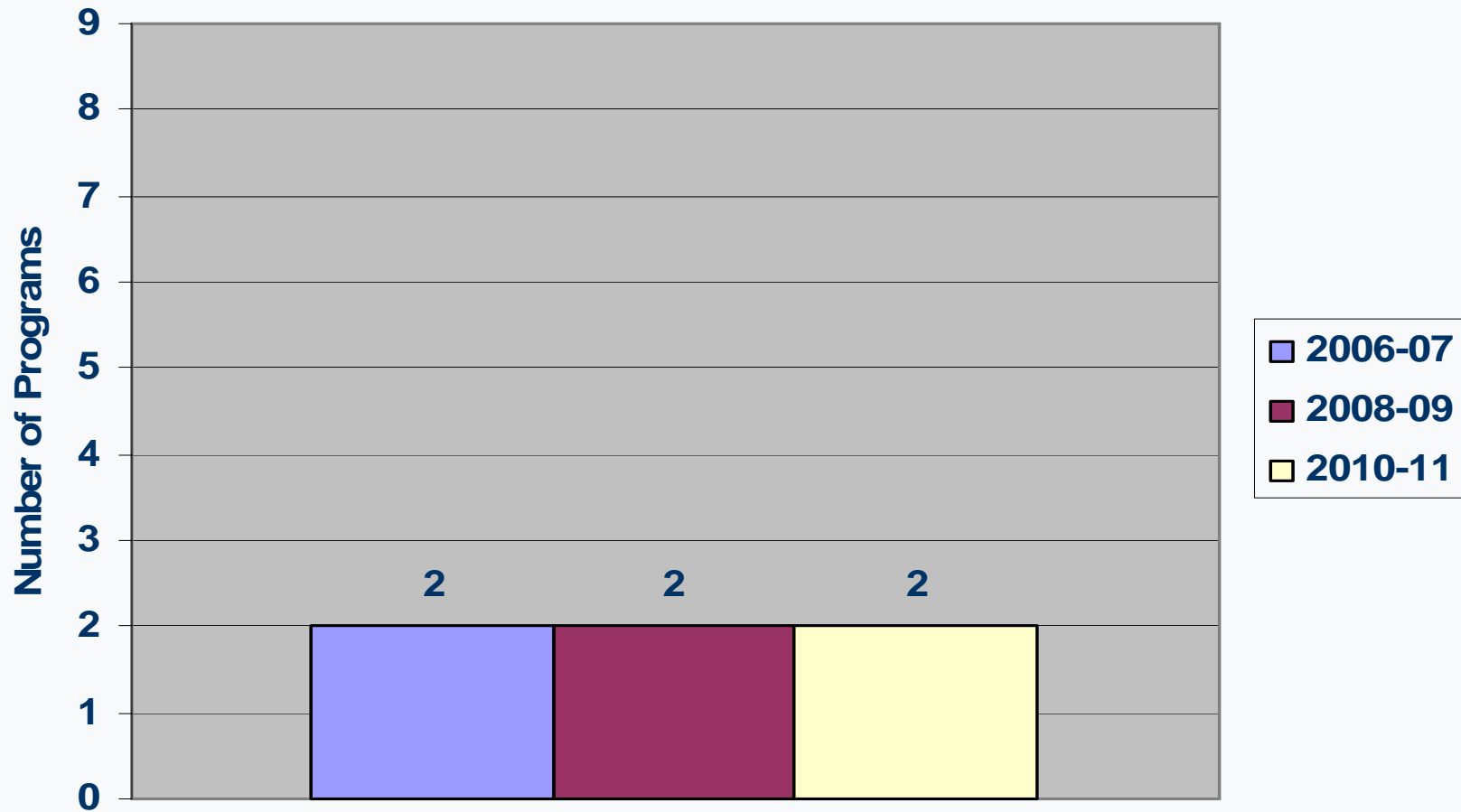
College of Education Full Programs Online



College of Engineering Full Programs Online



College of Nursing Full Programs Online



Campus Academic Plans - Distance Learning Cost Estimates 2006 - 2011						
	2006-07		2008-09		2010-11	
FAU Network Issues						
Network Equipment Upgrades (switches)*	1,000,000	1X	1,000,000	1X	1,000,000	1X
Additional Staff	75,000	R	150,000	R	150,000	R
Expand Laptop Connection Ports						
Boca			10,000	1X		
Jupiter			10,000	1X		
Davie			10,000	1X		
FortLauderdale			10,000	1X		
PortSaintLucie			10,000	1X		
HarborBranch			10,000	1X		
Seatech			10,000	1X		
PineJog			10,000	1X		
Maintenance					16,000	R
Network Access Control (security device)						
Boca	50,000	1X				
Jupiter	50,000	1X				
Davie	50,000	1X				
FortLauderdale	50,000	1X				
PortSaintLucie	50,000	1X				
HarborBranch	50,000	1X				
Seatech	50,000	1X				
PineJog	50,000	1X				
Maintenance			60,000	R	60,000	R
Incremental Internet Bandwidth			1,000	R	2,000	R
Incremental Campus Bandwidth			5,000	R	10,000	R
TOTALS	\$ 1,475,000		\$ 1,296,000		\$ 1,238,000	
*Existing network equipment unable to support Video Conferencing and Streaming (20 switches per year at \$50,000 per switch) See Strategic Plan, Goal 5, Objective 2						
BlackBoard Hardware Issues						
Content Servers	125,000	1X				
Storage	125,000	1X				
Hardware Maintenance			90,000	R	90,000	R
TOTALS	\$ 250,000		\$ 90,000		\$ 90,000	
Distance Learning Software Issues						
Eliminate	45,000	R	47,000	R	49,000	R
Streaming Media Software	19,500	R	21,000	R	22,000	R
Additional Staff	65,000	R	65,000	R	65,000	R
TOTALS	\$ 129,500		\$ 133,000		\$ 136,000	
Distance Learning Classroom Issues						
Full Origination Classrooms - \$85,000 each (3)			255,000	1X	255,000	1X
Receive-Respond Classrooms - \$25,000 each (3)			75,000	1X	75,000	1X
Streaming Media Server and Software	125,000	1X				
Maintenance			18,750	R	18,750	R
Expand Video Bridge from 32 to 64 ports	95,000	1X				
Videoconference Computer Labs	125,000	1X	125,000	1X	125,000	1X
Additional staff	48,000	R				
Campus Technical Support (1 per campus)	38,000	R	190,000	R	190,000	R
TOTALS	\$ 431,000		\$ 663,750		\$ 663,750	
GRAND TOTALS	\$ 2,285,500		\$ 2,182,750		\$ 2,127,750	
Recurring	\$ 290,500		\$ 647,750		\$ 672,750	
One-time	\$ 995,000		\$ 535,000		\$ 455,000	
FUNDS REQUESTED IN STRATEGIC PLAN	\$ 1,000,000		\$ 1,000,000		\$ 1,000,000	
NEW FUNDS REQUESTED FOR DL CAMPUS PLANS	\$ 1,285,500		\$ 1,182,750		\$ 1,127,750	