

Planning for Partnerships to enable Student Success Pathways ...

Angé Peterson, Associate Vice President (retired)

University of Central Florida

UCF: University of Central Florida

- Largest undergraduate public university in U.S.
- Carnegie I research status
- Over 63,000 students
- 51 % Transfer students
- Highly selective Freshman class
- College of Sciences largest of 11 colleges

The University of Central Florida

I. Mission

The University of Central Florida is a public multi-campus, metropolitan research university that stands for opportunity. The university anchors the Central Florida city-state in meeting its economic, cultural, intellectual, environmental and societal needs by providing high-quality, broad-based education and experienced-based learning; pioneering scholarship and impactful research; enriched student development and leadership growth; and highly relevant continuing education and public service initiatives that address pressing local, state, national, and international issues in support of the global community.

The University of Central Florida

- **II. Vision**
- UCF has embarked on a bold venture to become a new kind of university that provides leadership and service to the Central Florida city-state. While sustaining bedrock capabilities in the future, the university will purposely pursue new strengths by leveraging innovative partnerships, effective interdisciplinarity, and a culture of sustainability highlighted by a steadfast commitment to inclusiveness, excellence, and opportunity for all.

The University of Central Florida

III. Goals

Goal 1: Offer the best undergraduate education available in Florida.

Goal 2: Achieve international prominence in key programs of graduate study and research.

Goal 3: Provide international focus to our curricula and research programs.

Goal 4: Become more inclusive and diverse.

Goal 5: Be America's leading partnership university.

IV. Values

UCF values comprise the foundational principles that guide the conduct, performance, and decisions of the university, its students, and its employees.

- Integrity
- Scholarship
- Community
- Creativity
- Excellence

The University of Central Florida

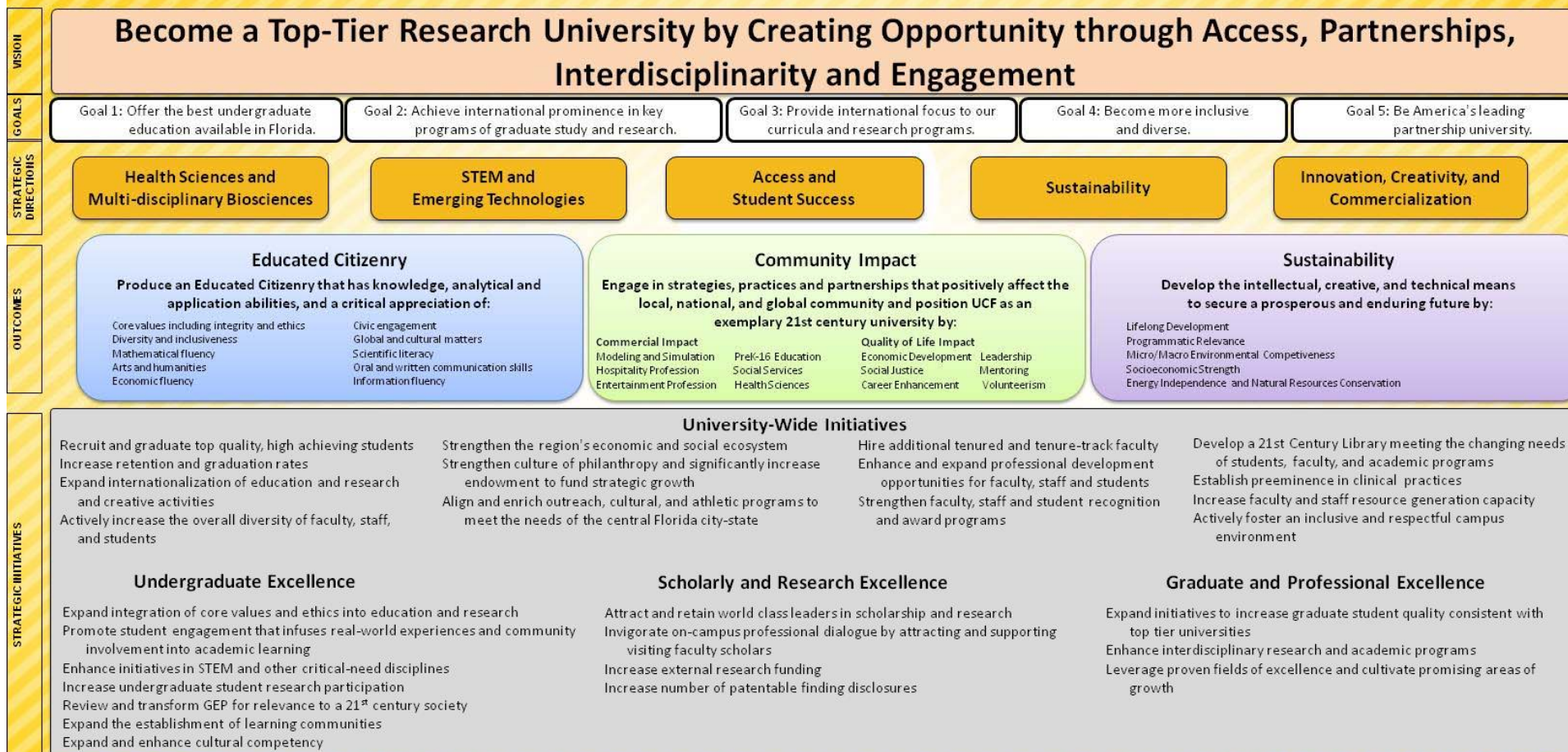
V. Challenge

UCF will cultivate an engaging attitude of awareness, innovation, courage, and agile responsiveness in its members to promote discovery and address emerging needs within the university and the Central Florida city-state. The entire university community is empowered to identify, seek, develop, and capitalize on opportunities that arise in the future and meet the vision of the university.



UNIVERSITY OF CENTRAL FLORIDA

Strategic Plan



A Single Strategy to Impact Enrollment Goals

Central Florida Higher Education Consortium

- Provide access at a time of highly selective admission for freshman class by partnerships with the state colleges
 - Meet the demand for an educated work force
 - Create a more affordable baccalaureate degree
- Increase the number of students in the STEM disciplines
- Increase diversity, inclusion and a new international student emphasis through the DirectConnect to UCF partnerships
- Gain national recognition for partnership efforts
 - One of the 11 innovative universities due to DirectConnect to UCF
 - National publicity for innovation

Goal 1: Offer the best undergraduate education available in Florida.

- Provide access at a time of highly selective admission for freshman class through partnerships with the state colleges
 - Meet the demand for an educated work force
 - Create a more affordable baccalaureate degree
- Formation of the Central Florida Higher Education Consortium
 - November 9th 2005 --- Implementation 2006-07, Data: 2008-09
 - 42,000 new DirectConnect to UCF students since 2008-09
 - 27,000 DirectConnect to UCF bachelor degrees awarded since 2008-09

Pathway: *DirectConnect to UCF*

Guaranteed admission with an Associate Degree

Intrusive advising on site

Curriculum alignment of transfer courses for majors

DirectConnect to UCF Umbrella

- Data research working group
- Resource working group
- Academic advising working group
- Curriculum Alignment working groups
- Work Force development working group

ANNUAL COLLEGE ACCESS SUMMIT brings together all the working groups to answer the BIG questions....

For ONCAT: Curriculum Alignment

Established in 2006 as the 1st working group

STEM disciplines of biology, chemistry, physics, mathematics and engineering

<https://curriculumalignment.ucf.edu/display/CA/Curriculum+Alignment>

Curriculum Alignment: Physics Example

PHY2048 Topic	Physics with Calculus I Sub-Topics	M = Mandatory
Measurement and Vectors	Standard units (SI) - basic and derived units.	M
	Vector operations - analytical and graphical solutions	M
	Distinguish between scalar and vector	M
	Curves, tangents to curves, vector field	M
	Dot and cross product	M
Motion	Kinematics - instantaneous and average velocity, acceleration, speed.	M
	Types of motion - Circular, harmonic, linear, projectile, 2-and 3-dimensional, rotational.	M
	Graphical representation of motion	M
	Simple harmonic motion	M
Mechanics	Dynamics - Newton's Laws ($F=MA$)	M
	Linear - forces, momentum, center of mass	M
	Rotation - torque, moment of inertia, angular momentum	M
	Static and dynamic fluids	M
	Newton's Law of Universal Gravitation - gravitational acceleration (orbital satellites).	M
Energy and Conservation	Work energy theorem	M
	Work and power	M
	Collision and interaction	M
	Conservation of energy	M
	Kinetic and Potential energy	M
Thermal	Conservation of linear and angular momentum	M
	Heat transport	M
	Specific heat, latent heat	M
	Thermal expansion	M
	Heat engines	M
	Ideal gas law	M
	Kinetic theory of gas	M
	3 laws of thermodynamics	M

Student Success in the Pathway

Academic Years considered for this analysis are -	
	2009-10
	2010-11
	2011-12
	2012-13
	2013-14

Course being analyzed in this report -	
	PHY 2049

Pre-requisite used for this course sequence analysis -	
	PHY 2048

Summary of student background based on their most recent pre-requisite attempts

Prerequisite Course		PHY2049										Total	
		ABC - Pass					DFW - Unsuccessful					#	% col.
		A	B	C	Total		D/NC	F	W	Total			
PHY2048	Prerequisite Transferred from FCS	87	167	167	421	79.6	31	35	42	108	20.4	529	10.5
	Prerequisite attempted at UCF	1,139	1,417	964	3,520	87.0	234	123	168	525	13.0	4,045	80.0
	Repeater	58	87	94	239	72.9	25	32	32	89	27.1	328	6.5
	Unknown/No prerequisite record found	64	52	21	137	88.4	8	4	6	18	11.6	155	3.1
	Total	1,348	1,723	1,246	4,317	85.4	298	194	248	740	14.6	5,057	100.0

SUMMARY

Summary of student background based on their pre-requisite attempts by Student Type

Prerequisite Course			PHY2049										Total	
			ABC - Pass					DFW - Unsuccessful					#	% col.
			A	B	C	Total		D/NC	F	W	Total			
PHY2048	FCS Transfers	Prerequisite Transferred from FCS	54	113	120	287	78.2	23	23	34	80	21.8	367	7.3
		Prerequisite attempted at UCF	141	169	155	465	85.0	36	16	30	82	15.0	547	10.8
		Repeater	7	15	17	39	53.4	12	10	12	34	46.6	73	1.4
		Unknown/No prerequisite record found	4	9	9	22	84.6	1	2	1	4	15.4	26	0.5
		Total	206	306	301	813	80.3	72	51	77	200	19.7	1,013	20.0
	FTICs	Prerequisite Transferred from FCS	25	41	38	104	81.3	7	11	6	24	18.8	128	2.5
		Prerequisite attempted at UCF	960	1,219	792	2,971	87.6	189	98	132	419	12.4	3,390	67.0
		Repeater	47	65	76	188	79.0	12	22	16	50	21.0	238	4.7
		Unknown/No prerequisite record found	53	34	12	99	89.2	5	2	5	12	10.8	111	2.2
		Total	1,085	1,359	918	3,362	86.9	213	133	159	505	13.1	3,867	76.5
	OT/Unclassified/Post Bac.	Prerequisite Transferred from FCS	8	13	9	30	88.2	1	1	2	4	11.8	34	0.7
		Prerequisite attempted at UCF	38	29	17	84	77.8	9	9	6	24	22.2	108	2.1
		Repeater	4	7	1	12	70.6	1	.	4	5	29.4	17	0.3
		Unknown/No prerequisite record found	7	9	.	16	88.9	2	.	.	2	11.1	18	0.4
		Total	57	58	27	142	80.2	13	10	12	35	19.8	177	3.5
	Total		1,348	1,723	1,246	4,317	85.4	298	194	248	740	14.6	5,057	100.0

Physics pre-requisite PHY 2048 to PHY 2049

Summary of Transfer Institutions where pre-requisite attempted by students

Background Prerequisite Transferred from FCS

					PHY2049								Total	
					ABC - Pass				DFW - Unsuccessful					
					A	B	C	Total	D/NC	F	W	Total	#	% col.
	Prerequisite Course													
Partner	PHY2048	CFC	2	1	1	4	80.0	.	.	1	1	20.0	5	0.9
		DSC	2	7	5	14	87.5	1	.	1	2	12.5	16	3.0
		EFSC	10	24	20	54	85.7	2	2	5	9	14.3	63	11.9
		LSSC	2	1	2	5	83.3	.	1	.	1	16.7	6	1.1
		SSC	6	18	21	45	78.9	3	2	7	12	21.1	57	10.8
		VC	26	44	35	105	77.8	8	12	10	30	22.2	135	25.5
		Total	48	95	84	227	80.5	14	17	24	55	19.5	282	53.3
Other Institution/Unknown	PHY2048	Other Institution/Unknown	39	72	83	194	78.5	17	18	18	53	21.5	247	46.7
		Total	39	72	83	194	78.5	17	18	18	53	21.5	247	46.7

Goal 2: Achieve international prominence in key programs of graduate study and research.

- Building on Undergraduate international students to address academic areas for graduate study and research
- International DirectConnect to UCF
 - Guaranteed admission with associate degree from partners
 - Collection of credentials from partners – they use the same UCF credentials
 - International DirectConnect to UCF advising
 - Partner recruitment with letter from UCF President

International DirectConnect to UCF

Pilot program with Valencia College

- Valencia's increased international recruitment
- Add International Module to Pathway
- Single point of contact
- Enhanced communication and engagement
 - UCF Campus tours
 - Presence at Valencia orientation for international students
 - Streamlined international documents processes
- Possible international evaluation exchange process

START AT VALENCIA. FINISH AT UCF.

DIRECT CONNECT TO UCF

Once you've finished your associate degree at Valencia College, your admission to the University of Central Florida is guaranteed with International DirectConnect to UCF.



INTERNATIONAL DIRECTCONNECT TO UCF BENEFITS INCLUDE:

- Guaranteed admission to UCF with an approved associate degree from Valencia
- Shorter time to degree completion with academic advising from a dedicated DirectConnect to UCF coordinator
- A smooth transition to UCF with admission, immigration and enrollment assistance
- Access to UCF campuses, student services, activities and events

QUICK FACTS

STUDENT POPULATION

63,000

STUDENTS COME FROM

67 FLORIDA COUNTIES

50 STATES IN USA

152 COUNTRIES AROUND THE WORLD

DEGREE PROGRAMS

92 BACHELORS

83 MASTERS

31 DOCTORAL

Take advantage of all that International DirectConnect to UCF has to offer. Visit directconnecttoucf.com to learn more.





THIS IS UCF

STUDENTS FROM MORE THAN 150 countries come to UCF to experience academic achievement in our modern and diverse environment.

You'll conduct research with scholars from a variety of fields, experience opportunities to publish your work before you graduate and prepare for a successful career by working alongside our renowned professors. You will be immersed in

an environment created to ensure your success. UCF is a world-class university where you can make lifelong friendships and participate in numerous activities, events and organizations.

Central Florida's year-round sunshine, hundreds of theme parks and attractions, and beautiful beaches, create the perfect environment to live, study and explore.

Our culture cultivates leaders through more than 650 student clubs and organizations.

Our graduates win Fulbright, Goldwater, Mellon, Rhodes, Truman and Udall scholarships.

UCF has been named a "Best Value" university by The Princeton Review and one of the "Most Innovative Schools" by U.S. News & World Report.

We employ the best faculty in the business who are leaders in their fields.

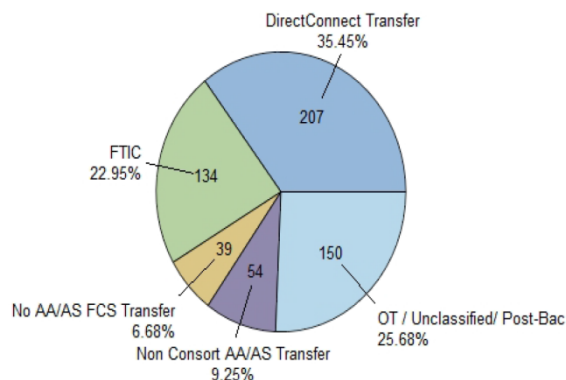
We are ranked by the Carnegie Foundation for "very high research activity."



International Partner Data

Prior to increased Valencia International Recruitment

Of the 584 international undergraduate students enrolled in Fall 2014, 51% (300) were Florida College System Transfers and 35% (207) were from our DirectConnect to UCF partner institutions.



Eastern Florida State College	16
Lake Sumter State College	1
Seminole State College of FL	30
Valencia College	160
Total	207

International Recruitment Communication: DirectConnect to UCF

- UCF provides letter/brochure to recruits explaining ‘possible’ guarantee of admission to UCF
(Example: ASU partnership with WA community colleges)
- UCF and Valencia provide follow-up with students at point of contact
- Joint marketing materials provided for Valencia’s international travel

Goal 3: Provide international focus to our curricula and research programs

- Increase in academic programs diversity
 - World Religious Studies
 - Latin American History
 - Additional languages from the Languages Institute
 - Additional funding for visiting scholars and research initiatives

Goal 4: Become more inclusive and diverse.

- DirectConnect to UCF created dramatic changes in the ethnicity of UCF
- Number of ethnic classified students entering UCF through DirectConnect to UCF
 - Annually
 - 2010-11=3556
 - 2011-12=5762
 - 2012-13=6151
 - 2013-14=6131
 - 2014-15=5882

Fall 2015 24.8 % Hispanic

Goal 5: Be America's leading partnership university.

- Higher education partnership impacts over 150,000 students
- Partnership working groups in:
 - Data
 - Resources
 - Work force
 - Enrollment services
 - Advising
 - Curriculum Alignment

~Partnerships nationally recognized as a new model in higher education~










Where Dreams Come True

Orlando doesn't just represent Mickey and Minnie anymore. Central Florida's institutions of higher learning are creating a seamless pipeline of social mobility.

By SAUNDRA AMRHEIN | June 18, 2015

Mark Peterson/Redux

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Orlando doesn't seem like ground zero for the debate over higher education and social inequality. This Florida city, after all, is still best known for Disney World, the iconic Cinderella Castle and endless days of butter-yellow sunshine.

Yet for much of the past decade, Orlando's University of Central Florida and four Florida state colleges (formerly known as community colleges) have been forging a path that could be as groundbreaking as the dreams that once carved out a magical kingdom here amid cow pastures.

ABOUT THIS SERIES



WHAT WORKS

A year-long reported series from Politico Magazine, featuring innovative ideas—and how they spread—from cities across the

The Washington Post

Education

Is bigger better? 54,000 students and growing, U. of Central Florida storms higher ed.

A 22

By Nick Anderson September 20

Back to school at booming Univ. of Central Florida



View Photos

The Orlando university has the nation's second-largest public undergraduate population, about 54,000.

Classes with 1,000 students may become the norm as UCF, ASU push a new business model

By Nick Anderson

September 20, 2015

ORLANDO, Fla. — A small state school launched here in the 1960s to develop employees for the space program has morphed into one of the nation's largest universities, using accessible admission policies and online instruction to fuel extraordinary growth in an era when many public colleges face fiscal uncertainty.

The University of Central Florida will have about 54,000 undergraduate students this fall, up 90 percent since the turn of the century. The only public university with more is Arizona State, counting at least 67,000 on five campuses.



BUSINESS

Community College Doesn't Have to Be the Endgame

Two schools are trying to shift the stigma of two-year colleges by making an associate's an affordable pathway to a four-year degree.

208



NANCY COOK | SEP 12, 2015

Sean Brooks goes to community college, but he already knows that he'll graduate from a four-year state university, and he even knows which one—the University of Central Florida.

His confidence flows from an innovative Florida program called [DirectConnect](#), which ensures that student transfers to UCF from Valencia College, a community-college system, are automatic.

Links to Higher Education Planning Resources

Educational Policy Institute

A Practical Guide to Strategic Enrollment Management Planning

www.educationalpolicy.org/pdf/SEM%20Guide.pdf

University of Central Florida

Strategic Planning

<http://www.ucf.edu/strategic-planning/>

www.regionalcampuses.ucf.edu

<https://curriculumalignment.ucf.edu/display/CA/Curriculum+Alignment>

Society for College and University Planning

www.campusplans.scup.org