



**UNIVERSITY OF KENTUCKY  
COLLEGE OF ENGINEERING  
STRATEGIC PLAN  
2009-2014**

Signature (Dean) \_\_\_\_\_

UNIVERSITY		OBJECTIVE	IMPLEMENTATION PLAN	RESPONSIBILITY	TARGET	TIME LINE/SCHEDULE														RELATED COLLEGE/UNIT
OBJ.	STRAT.					JUL-10	AUG-10	SEP-10	OCT-10	NOV-10	DEC-10	JAN-11	FEB-11	MAR-11	APR-11	MAY-11	JUN-11	SEP-11	DEC-11	
	1.1.1		P) NEW UNDERGRADUATE COURSE IN SERVICE LEARNING (EGR 390)	A.D. CIP	BEGINS FALL 2010; ACHIEVE A MINIMUM OF ONE EGR 390 OPPORTUNITY IN EACH ACADEMIC MAJOR	Application for new course (EGR 390) Promote new course among chairs, DUSs and DSS's Campaign to encourage faculty to incorporate Refine data collection mechanism in DM Cont. Cont.														
	1.1.1		Q) STRENGTHEN GERMAN ENGINEERING PROGRAM	A.D. CIP	>25 STUDENTS ANNUALLY	Finalize plans for summer offering in Karlsruhe Increase number of German internships Engage OIA in College's EA recruitment/orientation efforts Establish endowment														ARTS & SCIENCES; INTERNATIONAL OFF.; UNCC; COE DEVELOPMENT
	1.1.1		R) INCREASE NUMBER OF U/GS PARTICIPATING IN EDUCATION ABROAD (EA) PROGRAMS	A.D. CIP	20% OF BS CLASS PARTICIPATING	Engage OIA in College's EA recruitment/orientation efforts Expand INTI EA program to both fall and summer terms														INTERNATIONAL OFFICE; DIR., GERMAN ENGINEERING PROGRAM; DEPT. OF MINING ENGINEERING
	1.4.4		S) INCREASE NUMBER OF U/G TRANSFER STUDENTS FROM COMM. COLLEGES, COMPREHENSIVES, & KY PRIVATES	A.D. CIP	>150 TRANSFERS ANNUALLY	Increase availability of College-level scholarships through campaign of private giving Influence the rejuvenation of the KCTCS pre-engineering workgroup Model Artic. Agree. Impl. AIKCU Bridge														UNIV. STUDIES; AIKCU; KCTCS; WKCTC; BIG SANDY, ETC.; OFF. OF INST. DIV.; PROVOST'S OFFICE
	1.4.4		T) INCREASE # OF U/G INTERNATIONAL TRANSFER STUDENTS FROM TARGETED INT'L PROGRAMS	A.D. CIP	>50 INT'L TRANSFER STUDENTS ENROLLED IN COE ANNUALLY	Maintain annual visit schedule with CUMT/HPU/INTI Investigate further int'l transfer sources as opportunity presents (e.g., Navarre, Wuhan) Institutionalize administration of the CoE International Scholarship Program Cont. Cont. Cont.														OIA; ACADEMIC AFFAIRS; FINANCIAL AID; DUSs; REGISTRAR; TASC; HOUSING
	1.4.5		U) DEVELOP & DELIVER WEB-BASED COURSES IN STATICS, CIRCUITS, & THERMO TO COMMUNITY & PRIVATE COLLEGES IN KY	A.D. CIP	ALL COURSES IN PLACE BY FALL 2013	Develop EM 221 for web delivery Develop EE 211 for web delivery Pilot EM 221 Pilot EE 211														VIZ CENTER; ECE; ME; WKCTC; TASC (UK INFO. TECHNOLOGY)
	1.1.3		V) COMPLETE COMPREHENSIVE MARKETING PLAN WITH PRINT AND ELECTRONIC PUBLICATIONS IN PLACE	COMMUNICATIONS AND MARKETING	6/30/2011	Create new departmental brochures for each academic program Reorganize and redesign the College's website with an emphasis on prospective student information for each academic department Recruiting Viewbook														
	1.1.1		W) ESTABLISH ADDITIONAL UNIVERSITY SCHOLARS PROGRAMS WITH ENGINEERING DEPARTMENTS	BME	UNIVERSITY SCHOLARS PROGRAMS WITH CHEMICAL ENGINEERING AND MATERIALS ENGINEERING BY FY12	DISCUSS PROGRAMS WITH CHAIR CME FACULTY DECISIONS ABOUT ESTABLISHING PROGRAMS SUBMIT PROGRAM PROPOSALS PROGRAM APPROVALS														CHAIR CME DIRECTOR BME ASSOC DEAN RGS
	1.1.1		X) PROMOTE THE UNIVERSITY SCHOLARS PROGRAMS	BME	GRADUATION (BS/MS) OF ONE UNIVERSITY SCHOLAR PER YEAR BY FY14	DISCUSS PROGRAMS WITH DEPT DUS WEB/PRINT PROMOTION OF PROGRAMS EVALUATE PROGRAMS WITH DEPT DUS EVALUATE PROGRAMS WITH DEPT DUS EVALUATE PROGRAMS WITH DEPT DUS														CHAIR BAE, CME, EE, ME DIRECTOR BME DEPT DUS/DGS ASSOC DEAN RGS DIR MKTG & COMMUN
	1.1.1		Y) EVALUATE ESTABLISHMENT OF GRADUATE CERTIFICATE IN HEALTHCARE ENGINEERING	BME	DECISION BY FALL 2011	ASSESS OPTIONS - "REGULAR" VS. CE-TYPE COURSES IDENTIFY POTENTIAL STUDENT POPULATIONS IDENTIFY POTENTIAL FACULTY IDENTIFY RESOURCES NEEDED DECIDE WHETHER TO PROCEED														ASSOC DEAN RGS DIRECTOR BME GRADUATE SCHOOL DEAN

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OBJ.	STRAT.					JUL-10	AUG-10	SEP-10	OCT-10	NOV-10	DEC-10	JAN-11	FEB-11	MAR-11	APR-11	MAY-11	JUN-11	SEP-11	DEC-11		MAR-12	JUN-12	FY'13	FY'14
	1.1.3		Z) CONTINUE AND IMPROVE RECRUITMENT INITIATIVES VIA UPDATED WEB SITE CONTENT AND CONSIDER USE OF OTHER PRINT AND ELECTRONIC MEDIA TO PROMOTE THE CENTER'S GRADUATE PROGRAMS	BME	TWO FELLOWSHIP-ELIGIBLE APPLICANTS PER YEAR BY FY14		DISCUSS BME WEB SITE AND PRINT LITERATURE WITH DIR MKTG & COMMUN		BEGIN MODIFICATIONS OF RECRUITMENT INFO					CONTINUE WEB/PRINT MODIFICATIONS				EVALUATE APPLICANT DATA			EVALUATE APPLICANT DATA	EVALUATE APPLICANT DATA	ASSOC DEAN RGS; DIR MKTG & COMMUN	
	1.4.3		AA) DEVELOP MORE COORDINATED RECRUITMENT STRATEGY FOR GRADUATE STUDENTS	BME	AFTER ESTABLISHING BASELINE DURING FY10 AND FY11, 15% INCREASE IN NUMBER OF GRADUATE STUDENTS	COLLECT FY10 DATA	BME DISCUSSION ABOUT STRATEGY			DISCUSS STRATEGY WITH DIR MKTG & COMMUN					BME DISCUSSION ABOUT STRATEGY	COLLECT FY11 DATA; ASSESS STRATEGY WITH DIR MKTG & COMMUN				COLLECT FY12 DATA; ASSESS	COLLECT FY13 DATA; ASSESS	COLLECT FY13 DATA; ASSESS	DIRECTOR BME ASSOC DEAN RGS	
	1.1.1		AB) DEVELOP MORE COORDINATED AND COHERENT RECRUITING STRATEGIES FOR GRADUATE STUDENTS	MINING	AVERAGE GRE = 1250; TOTAL ENROLLMENT = 30			X									X				X	X		
	1.1.1		AC) PARTICIPATE IN A NEW UNDERGRADUATE/GRADUATE CERTIFICATE PROGRAM IN ENERGY ENGINEERING	MINING	2 NEW ENERGY RELATED COURSES											X					X			
	1.1.1		AD) DEVELOP SPONSORED EDUCATION ABROAD PROGRAM FOR MINING	MINING	1 GROUP/YEAR			X			X				X		X	X	X	X	X	XXXX	XXXX	
	1.1.3		AE) ENHANCE OUT-OF-STATE ENROLLMENT OF HIGH ABILITY STUDENTS IN MINING ENGINEERING; EXPAND RECRUITMENT INTO ONE OR TWO ADJACENT STATES THAT PARTICIPATE IN THE ACADEMIC COMMON MARKET.	MINING	10% ENROLLMENT OF OUT-OF-STATE STUDENTS			X			X				X		X	X	X	X	X	XXXX	XXXX	
	1.2.3		AF) IMPROVE RETENTION AND DECREASE TIME TO COMPLETION; MID-TERM GRADE REVIEW AND REQUIRED ADVISING FOR THOSE WITH D AND E GRADES; IMPROVED MONITORING OF PREREQUISITES; MENTORING PROGRAM FOR UNDERGRADUATES	MINING	MINIMUM 6-YEAR GRADUATION RATE OF 40%			X			X				X		X	X	X	X	X	XXXX	XXXX	UK INFO. TECHNOLOGY
	1.4.4		AG) STRENGTHEN M.S./PHD. PROGRAM IN MINING ENGINEERING	MINING	3 PH.D./6 M.S. GRADUATES ANNUALLY			X			X				X		X	X	X	X	X	XXXX	XXXX	
	1.4.4		AH) DEVELOP A STRONGER TRANSFER PROGRAM FROM COMMUNITY COLLEGE, COMPREHENSIVES & PRIVATES; TARGET THREE COLLEGES WITH STRONG PROGRAMS IN EAST AND WEST KENTUCKY ANNUALLY.	MINING	10 TRANSFER STUDENTS ANNUALLY			X			X				X		X	X	X	X	X	XXXX	XXXX	
	1.4.4		AI) DEVELOP AND DELIVER WEB-BASED COURSES	MINING	2 GRADUATE COURSES BY 2014												X					X	X	
	1.4.4		AJ) DEVELOP STRONGER TRANSFER PROGRAM WITH TARGETED INTERNATIONAL PROGRAMS	MINING	1 STUDENT/YEAR			X			X				X		X	X	X	X	X	XXXX	XXXX	
	1.4.5		AK) IMPLEMENT PLANS TO INCREASE NUMBER OF BS DEGREES IN MINING ENGINEERING	MINING	25 B.S. GRADS ANNUALLY			X			X				X		X	X	X	X	X	XXXX	XXXX	
	1.4.5		AL) CONTINUALLY DEVELOP RECRUITMENT & ENHANCE QUALITY OF INCOMING FRESHMAN	MINING	150 TOTAL ENROLLMENT; AVERAGE ACTC 29 AND ACTM 31			X			X				X		X	X	X	X	X	XXXX	XXXX	
	1.4.5		AM) CREATE AN EFFECTIVE AND EFFICIENT MAJOR GIFT PROGRAM WITH EMPHASIS ON MERIT SCHOLARSHIPS	ALUMNI & DEV.	MEET DOLLAR GOAL SET ANNUALLY; MONTHLY TRAVEL SCHEDULED; SOLICIT TOP 25 PROSPECTS; 40 NEW FELLOWS																			DEAN & DEPARTMENT CHAIRS; CENTRAL DEVELOPMENT
	1.4.5		AN) MAINTAIN A CADRE OF SATISFIED DONORS	ALUMNI & DEV.	PROVIDE ACKNOWLEDGEMENT OF CONTRIBUTIONS AND OPPORTUNITIES FOR RECOGNITION TO ALL DONORS																			
	1.4.5		AO) INCREASE ALUMNI PARTICIPATION IN ANNUAL GIVING WITH EMPHASIS ON MERIT SCHOLARSHIPS	ALUMNI & DEV.	15% INCREASE IN GIVING FROM TARGETED ALUMNI; INCREASE PHONATHON GIVING BY 10%; DOUBLE DOLLARS RAISED IN THREE YEARS																			ANNUAL GIVING OFFICE

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			AP) REVIEW AND REVISE UNDERGRADUATE CURRICULUM	ECE	(1) IMPROVED TCE OUTCOMES INDICATING STUDENT AWARENESS OF BROADER ISSUES OF ENGINEERING. (2) IMPROVED FRESHMAN FALL TO SOPHOMORE FALL RETENTION RATES.	<p>Develop new freshman ECE Curric. (Adams)</p>																COLLEGE AND UNIVERSITY (FOR APPROVAL OF COURSE AND GEN ED APPROVAL)
			AQ) REVIEW AND REVISE GRADUATE PROGRAM	ECE	SHORTEN AVERAGE TIME IN PROGRAM TO LESS THAN 18 MONTHS FOR MS AND LESS THAN FOUR YEARS FOR PHD, WITH LESS THAN FOUR SEMESTERS FOR QUALIFYING EXAM FOR PHD STUDENTS.	<p>Implement new graduate qualifier model (DGS)</p> <p>Establish new annual review process for graduate students</p> <p>Establish new graduate seminar program, including ethics, research process, etc. (faculty TBD)</p> <p>Evaluate, Review and Revise</p> <p>Evaluate, Adjust, and Repeat</p> <p>Evaluate, Adjust, and Repeat</p>																GRADUATE SCHOOL
			AR) DEVELOP PROMOTIONAL MATERIALS, IMPROVED RECRUITMENT, IMPROVED RETENTION	ECE	450 UNDERGRADUATES AND 150 GRADUATE STUDENTS (90 MS AND 60 PHD). Add FACULTY AND STAFF RESOURCES TO SUPPORT THE EXPANDED PROGRAM.	<p>Develop new promotional materials for ECE (in partnership with PEIK (Holloway))</p> <p>Identify high-promise graduate students (and undergraduate students) through GRE (and ACT/SAT), and contacts at other universities. Mail and email promotional materials. (DUSs, DGS)</p> <p>Evaluate, modify if necessary, and Repeat</p> <p>Evaluate, modify if necessary, and repeat</p>																COLLEGE OF ENGINEERING PUBLIC RELATIONS OFFICE, COLLEGE OF ENGINEERING RECRUITMENT STAFF
			AS) DEVELOP POWER AND ENERGY INSTITUTE (PEIK)	ECE	INCREASE POWER AND ENERGY STUDENTS IN COLLEGE (WITH PARTICULAR FOCUS ON ECE) TO 170 STUDENTS PER YEAR, AS PER PEIK GRANT TARGET. ALSO ESTABLISH PEIK FOR SELF-SUFFICIENCY AFTER GRANT COMPLETION (GRANT COMPLETES AT END OF FY2013).	<p>Develop Curriculum details for core courses, and develop key topical areas for power and energy electives.</p> <p>1st offering of power and energy core courses. (PEIK faculty) and development of PEIK labs (Liao, Sottile and Dolloff for protections lab, Colliver, Singh and Cheng for Renewables lab)</p>																OTHER COLLEGE OF ENGINEERING ACADEMIC DEPARTMENTS. ALSO COLLEGE PR AND UNIVERSITY PR.

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			AT) NEW MS PROGRAM IN COMPUTER ENGINEERING	CS	PROGRAM PRODUCING GRADS BY FY14	Determine approvals required, appoint committee																ECE CHAIR, CPE?, GRAD SCHOOL, FACULTY SENATE, PROVOST	
			AU) NEW PHD PROGRAM IN COMPUTER ENGINEERING	CS	PROGRAM UP AND RUNNING BY FY14	Determine approvals required																ECE CHAIR, CPE, GRAD SCHOOL, FACULTY SENATE, PROVOST	
			AV) INCREASE QUALITY AND QUANTITY OF GRADUATE STUDENTS	CS	STEADY-STATE: 20 INCOMING PHDs/YR (24 DOMESTIC); 60 PHD STUDENTS IN PROGRAM; 70% OF PHDs HAVE JOBS @ GRADUATION; 30 INCOMING MS/YR (210 IN-STATE); 60 MS STUDENTS IN PROGRAM; MOST MS GRADS HAVE JOBS @ GRADUATION	Develop strategies for increasing the pool of support funds available to offer incoming applicants																NEIGHBORING CS PROGRAMS; ENG'G MARKETING DIR, GRAD SCHOOL	
	1.1.1		AW) NEW COMMUNICATION INITIATIVE THAT INCORPORATES RHETORICAL, ORAL, GRAPHICAL COMMUNICATIONS WITH TECHNOLOGY	A.D. AA	>25% PARTICIPATION WHO SATISFY GRAD WRITING REQUIREMENT TAKING ENGINEERING COURSE	a. Obtain University Senate approval of new course that satisfies General Education Inquiries in the Humanities and GWR																ARTS & SCIENCES; COMMUNICATION & INFORMATION SCIENCES; PROVOST; DEAN; UK INFO. TECHNOLOGY	
	1.1.1; 1.3.2		AX) EVALUATE NEED FOR UNDERGRADUATE CERTIFICATE PROGRAM IN ENERGY ENGINEERING	A.D. AA	DECISION BY FALL 2011	a. Form study committee with representation from UG Studies, Grad Studies, Dept. Chairs, CAER, Martin School, and Grad School to assess student interest and benchmark other institutions																DEPT. CHAIRS; CAER; MARTIN SCHOOL; GRADUATE SCHOOL	
	1.2.2		AY) DEVELOP COMPREHENSIVE AND COORDINATED ADVISING PROGRAM AND STRENGTHEN INTERVENTION AND SUPPORT STRATEGIES	A.D. AA	PLAN IN PLACE BY END OF FALL SEMESTER 2010	a. Establish Engr. Advising council consisting of freshmen advisors, dept. student affairs officers, fac. Rep. and student records officer (Meet three times per semester)																OFF. INST. RESEARCH; OFF. ACAD. AFFAIRS; ARTS & SCIENCES; UK INFO. TECHNOLOGY	
	1.2.2		AZ) EVALUATE INCREASE IN ADMISSION STANDARDS AND IMPLEMENT PLAN	A.D. AA	EVALUATION COMPLETE FALL 2010; IMPLEMENTATION BY FALL 2011	Present retention data to UG studies Team and Dept. Chairs	UG Studies Team forwards recommendation to COE faculty for approval	Approval of plan by COE faculty and submission to Univ. Senate															REGISTRAR; OFF. INST. RESEARCH; PROVOST

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	1.4.5		BA) CONTINUALLY DEVELOP RECRUITMENT AND EXPAND TO TARGETED OUT-OF-STATE AREAS (UNDERGRAD) AND FINANCIAL AID PROGRAMS	A.D. AA	2600 FT/PT UNDERGRAD STUDENTS BY FALL 2014 ACTC 29 ACTM 31	<p>Implement new database with tracking software</p> <p>Expand pool of in-state prospects to include all students with min. ACTM</p> <p>Evaluate content and format of weekly campus visits (Annually during second quarter)</p> <p>Train COE Ambassadors to assist with Preview Nights and other recruiting activities</p> <p>Repeat</p> <p>Repeat</p>												REGISTRAR'S OFFICE; ACADEMIC AFFAIRS; UNIV. OFF. DEVELOP.; DIR. DEVELOP.; DEPT. CHAIRS; ENG. COMP. SERV.; PADUCAH EXTENDED CAMPUS PROGRAM; DIR. OF ALUM. AFFAIRS; DEAN			
			BB) ESTABLISH POWER AND ENERGY PROGRAMS	DIR. PEIK	ACTIVITIES IMPLEMENTED PER PROJECT FUNDING PLAN	See detailed plan for PEIK															
			BC) ASSESSMENT OF GRADUATE PROGRAMS	K. TAGAVI	IMPLEMENT FULL CYCLE REVIEW AND IMPROVEMENT FOR ALL GRADUATE PROGRAMS BY FALL '12																
2.1; 2.2; 3.8		2) INCREASE THE RESEARCH AND SCHOLARLY PRODUCTIVITY OF THE COLLEGE FACULTY AND STAFF AND EXPAND AND UPDATE THE PHYSICAL INFRASTRUCTURE;	DEVELOP AND IMPLEMENT ACTIVITIES TO ASSURE INCREASED SUCCESS IN MULTIDISCIPLINARY AND MULT-INVESITGATOR RESEARCH THROUGH RECRUITMENT, DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENT	A.D. RGS	RENOVATE WHALEN BLDG.; RELOC. BME TO CRMS BLDG.; COMPL. DIGITAL VILLAGE II; EQUIP PAXTON RESEARCH WING; UPGRADE CEILING AND LIGHTING IN FPAT; DEV. AND IMPL. PLANS TO ACCOMMODATE PEIK, NASA SGC AND ISM													UK INFO. TECHNOLOGY			
	2.2.1		A) COLLABORATE WITH COLLEGE, PROVOST FOR RENOVATION OF WHALEN BUILDING	CME	FALL 2010																PROVOST
	2.1.3		B) CREATE CENTER FOR SUSTAINABLE INFRASTRUCTURE	CE	2012-13 AY																
	2.2.5		C) ENSURE APPROPRIATE TRAINING IN RESEARCH METHODS, SAFETY, AND ETHICAL CONDUCT	CE	2010-2011 AY																ASSOC. DEAN FOR RESEARCH
	2.1.3; 2.2.3; 3.8.1		D) ASSURE THAT CENSE MAINTAINS NECESSARY CAPABILITIES TO ASSIST RESEARCHERS IN PUSHING THE ENVELOPE FOR NANOTECHNOLOGY RESEARCH AND DEVELOPMENT	CENSE	DEVELOP AND EXECUTE A MASTER PLAN TO MAINTAIN CAPABILITIES AT OR NEAR THE STATE OF THE ART IN NANOTECHNOLOGY	<p>Equipment &amp; facility capability</p> <p>user research interests inventory</p> <p>Gather and analyze benchmark data</p> <p>Gather and analyze benchmark data (staffing)</p> <p>broad based seminar</p> <p>brainstorm on interactions</p> <p>Prepare Grant First Grant Proposal(s) and Capabilities to Implement</p> <p>recommend needed upgrades to equipment and facility</p> <p>Implement project plan and confirm result</p>												ASSOCIATE DEAN FOR RESEARCH AND GRADUATE STUDIES, OTHER ENGINEERING AND UNIVERSITY OF KENTUCKY CENTERS (SPECIFY??)			

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			E) CeNSE WILL COMPETE FOR AND WIN STATE AND FEDERAL RESEARCH GRANTS	CENSE	GRANT FUNDING LEVEL (TOTAL DOLLAR AMOUNT OF GRANTS IN FORCE WON BY THE CeNSE FACULTY MEMBERS AS PIS OR CO-PIS)- INCREASE FROM \$ 9 MILLION SUPPORTED IN 2010 TO \$14 MILLION IN 2014	Develop a list of funding opportunities and organize a monthly meeting of CeNSE researchers to discuss opportunities and respond to them																ASSOC DEAN FOR RESEARCH VP RESEARCH			
			F) CENSE WILL COLLABORATE WITH OTHER RESEARCHERS TO SUPPORT THEIR APPLICATIONS FOR RESEARCH GRANTS	CENSE	IN PARTICULAR, CENSE WILL EXPLORE JOINT VENTURE INITIATION WITH THE NANO AND RENEWABLE ENERGY GROUPS AT UNIVERSITY OF LOUISVILLE, AND OTHER KENTUCKY COLLEGES AND UNIVERSITIES AS NEEDED	Establish a Working Group to include representatives from interested Kentucky Universities				Establish a yearly retreat with UK and UL researchers to brainstorm how to better interact and share research equipment and expertise												INSTITUTE OF MANUFACTURING (OLD CRMS)			
	2.1.3		G) ENCOURAGE SUBMISSION OF INTERDISCIPLINARY RESEARCH PROPOSALS TO ADDITIONAL STATE, FEDERAL, AND PRIVATE SECTOR ORGANIZATIONS	BME	AFTER ESTABLISHING BASELINE DURING FY10 AND FY11, 10% INCREASE IN NUMBER OF PROPOSALS SUBMITTED FOR EXTRAMURAL FUNDING BY FY14	COLLECT FY10 DATA	EVALUATE DATA AND IDENTIFY MEASURES FOR IMPROVEMENT WITH ASSOC DEAN RGS											COLLECT FY11 DATA	EVALUATE DATA AND IDENTIFY MEASURES FOR IMPROVEMENT WITH ASSOC DEAN RGS			COLLECT FY12 DATA; EVALUATE	COLLECT FY13 DATA; EVALUATE	COLLECT FY14 DATA; EVALUATE	ASSOC DEAN RGS PDO
	2.1.3		H) USE ONGOING COLLABORATIONS WITH FACULTY IN THE COLLEGES OF ARTS & SCIENCES, DENTISTRY, MEDICINE, AND PHARMACY TO LEVERAGE NEW RELATIONSHIPS WITH COLLEAGUES IN THE COLLEGE OF ENGINEERING	BME	AFTER ESTABLISHING BASELINE DURING FY10 AND FY11, 10% INCREASE IN NUMBER OF PUBLICATIONS BY FY14	COLLECT FY10 DATA	EVALUATE DATA AND IDENTIFY MEASURES FOR IMPROVEMENT WITH ASSOC DEAN RGS											COLLECT FY11 DATA	EVALUATE DATA AND IDENTIFY MEASURES FOR IMPROVEMENT WITH ASSOC DEAN RGS			COLLECT FY12 DATA; EVALUATE	COLLECT FY13 DATA; EVALUATE	COLLECT FY14 DATA; EVALUATE	ASSOC DEAN RGS
	2.3.3		I) ENCOURAGE AND TRACK SUBMISSION OF INTELLECTUAL PROPERTY DISCLOSURES	BME	TWO INTELLECTUAL PROPERTY DISCLOSURES SUBMITTED PER YEAR BY FY14	COLLECT FY10 DATA	EVALUATE DATA AND IDENTIFY MEASURES FOR IMPROVEMENT WITH ASSOC DEAN RGS											COLLECT FY11 DATA	EVALUATE DATA AND IDENTIFY MEASURES FOR IMPROVEMENT WITH ASSOC DEAN RGS			COLLECT FY12 DATA; EVALUATE	COLLECT FY13 DATA; EVALUATE	COLLECT FY14 DATA; EVALUATE	ASSOC DEAN RGS IPO
	3.8.1		J) PHYSICALLY RELOCATE THE CENTER INTO CONTIGUOUS SPACE WITHIN THE COLLEGE OF ENGINEERING	BME	MOVE THE CENTER'S OFFICES AND LABS INTO RENOVATED SPACE IN THE ROBOTICS AND MANUFACTURING BUILDING BY FY13	DISCUSS RENOVATION PLAN FOR RMB WITH ASSOC DEAN RGS		ESTABLISH TIMELINE FOR MODIFICATIONS TO RMB	IDENTIFY PLAN FOR PART-TIME OFFICE PRESENCE IN RMB				ASSESS PROGRESS OF RMB MODIFICATIONS			ASSESS PROGRESS OF RMB MODIFICATIONS			ASSESS PROGRESS OF RMB MODIFICATIONS			ASSESS PROGRESS OF RMB MODIFICATIONS	MOVE COMPLETED		PROVOST DEAN ASSOC DEAN RGS
	2.1.3		K) DEVELOP MULTINVESTIGATOR, MULTI-DEPARTMENT RESEARCH INITIATIVES WITH OTHER COLLEGES/CENTERS	MINING	\$4 MILLION ANNUALLY OF NEW TOTAL COLLABORATIVE FUNDING			X										X	X	X	X	X	XXXX	XXXX	
	2.1.3		L) ENHANCE RESEARCH ACTIVITIES; ELEVATE CONTACTS WITH FEDERAL AGENCIES SUCH AS NIOSH AND NSF; PURSUE ADVANCED MINING RESEARCH FUNDING FROM STATE AND FEDERAL SOURCES	MINING	\$2 MILLION ANNUALLY NEW FUNDING			X										X	X	X	X	X	XXXX	XXXX	
	2.3.1		M) ENHANCED PROFESSIONAL PRODUCTS PRODUCED BY THE DEPARTMENT	MINING	2 PATENTS AND 5 PATENT DISCLOSURES BY 2014; 12 JOURNAL PUBS ANNUALLY			X										X	X	X	X	X	XXXX	XXXX	A.D. RGS

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OBJ.	STRAT.					JUL-10	AUG-10	SEP-10	OCT-10	NOV-10	DEC-10	JAN-11	FEB-11	MAR-11	APR-11	MAY-11	JUN-11	SEP-11	DEC-11	MAR-12	JUN-12		FY'13	FY'14
	3.8.1		N) IMPROVE AND UPGRADE RESEARCH AND TEACHING LABORATORIES AND EQUIPMENT.	MINING	SECURE \$100,000 ANNUALLY FROM NATIONAL, STATE AND INDUSTRY SOURCES			X			X					X	X	X	X	X	XXXX	XXXX		
			O) EXPAND SPACE AVAILABLE FOR RESEARCH	ECE	FUNDING IDENTIFIED OR COMMITTED SUPPORT FOR NEW ECE BUILDING OR MAJOR SPACE RENOVATIONS BY SUMMER 2011.																		DEAN, ADVANCEMENT, VPR, COLLEGE	
	2.1.2		P) GROW, EXPAND AND SELF-SUSTAIN IR4TD BY SELF-DIRECTED IR4TD MEMBERS	IR4TD	20% BUDGET INCREASE PER YEAR; 20% INCREASE IN NETWORK COLLABORATION; 20% INCREASE IN NEW INDUSTRY PARTNERSHIP	Develop annual operational plan; Increase endowment; Increase industry sponsored projects; Cultivate new partnership (follow-up by monthly cluster meetings)																COLLEGE'S ASSOCIATE DEAN FOR RESEARCH; COLLEGE'S DEVELOPMENT OFFICE		
						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	2.2.5		Q) IMPLEMENT TRAINING PROGRAM FOR ALL PERSONNEL INVOLVED IN RESEARCH IN BOTH SAFETY AND ETHICS	IR4TD	ALL MEMBERS BECOME FAMILIAR WITH SAFETY CODE AND REGULATIONS	All members participate in safety training and courses																COLLEGE'S ASSOCIATE DEAN FOR RESEARCH		
			R) ENSURE RESEARCH RESULTS ARE DISSEMINATED	IR4TD	2 JOURNAL PAPERS/YR; WEB SITE UPDATE; MAINTAIN PTW	Journal papers: Report/Home page; Organize technical writing short courses and seminars																MARKETING AND COMMUNICATIONS		
								X			X				X	X	X	X	X	XXXX	XXXX			
	2.1.3 2.2.5		S) INCREASE THE SIZE OF KTC'S RESEARCH AND T2 PROGRAM AND THE DIVERSITY OF FUNDING SOURCES.	KTC		Implement an interim internal review process to identify upcoming research opportunities and form collaborative teams.					Formalize internal review process to identify upcoming research opportunities and form collaborative teams.													
	2.2.2		T) DEVELOP COHORT HIRING STRATEGIES & SEEK SUPPORT FOR ADDITIONAL FACULTY LINES FROM PROVOST	A.D. RGS	ADDITIONAL FACULTY LINE IN ENERGY EXTRACTION												X							
	2.2.5		U) GENERATE PLAN TO HANDLE INCREASED GRANT AND CONTRACT ACTIVITIES	ASST. DEAN BUDGET & PLANNING	ADDITIONAL STAFF POSITION(S) & SUPPORT FUNDING												X						PROVOST, DEAN, DEPT. CHAIRS	
2.1	2.1.2; 2.1.3		V) DEVELOP SUSTAINABLE BUSINESS PLAN FOR THE CENTER FOR VISUALIZATION	DEAN	PLAN DEVELOPED BY END 2010	Development of Long Term Financial Plan					Adjustments in staffing to support plan					Execute and Expand Plan with Other \$ Sources					PROVOST, VPR, DEANS OF EDUCATION, ARTS AND SCIENCES, FINE ARTS, COMMUNICATIONS, MEDICINE			
	2.2.5		W) CO-AUTHOR GRANTS WITH CAT/SECAT AND UK FACULTY	CAT	AT LEAST ONE ACTIVE COLLABORATIVE PROJECT STARTED BY FY'11/END	Explore opportunities to use CAT or Secat as co-PI on grant applications					Conduct some research activities utilizing Secat/.CAT facilities and personnel					Solicit "in-kind" support from Secat member companies for grants								
						Identify STTR or SBIR grants where Secat or CAT can be subcontractors																		

**UNIVERSITY OF KENTUCKY  
COLLEGE OF ENGINEERING  
STRATEGIC PLAN  
2009-2014**

Signature (Dean) \_\_\_\_\_  
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UNIVERSITY		OBJECTIVE	IMPLEMENTATION PLAN	RESPONSIBILITY	TARGET	TIME LINE/SCHEDULE														RELATED COLLEGE/UNIT						
OBJ.	STRAT.					JUL-10	AUG-10	SEP-10	OCT-10	NOV-10	DEC-10	JAN-11	FEB-11	MAR-11	APR-11	MAY-11	JUN-11	SEP-11	DEC-11		MAR-12	JUN-12	FY'13	FY'14		
3.2; 3.3		3) INCREASE THE NUMBER AND SUCCESS OF FACULTY AND STAFF THROUGH SUPPORT PROGRAMS, DEVELOPMENT AND/OR MODIFICATION OF POLICIES THAT REWARD AND CELEBRATE ACHIEVEMENT IN ALL AREAS OF ENDEAVOR;	DEVELOP AND IMPLEMENT ACTIVITIES TO ASSURE INTERNAL AND EXTERNAL RECOGNITION OF FACULTY AND STAFF ACHIEVEMENTS, TRAINING AND DEVELOPMENT OPPORTUNITIES AND EQUITY IN FINANCIAL AND NON-FINANCIAL REWARDS	A.D. CIP	STDS. FOR ANN. PERFORMANCE REVIEW, ENDOWED CHAIR AWARD AND RETENTION AND SABBATICAL LEAVES REVIEWED OR ESTABLISHED BY DEC.'10 AND REVIEWED BIENNIALY; ESTABLISH OR REVISE TANGIBLE REWARDS FOR OUTSTANDING TEACHING, ADVISING, RESEARCH AND PUBLIC SERVICE PERFORMANCE WITH BIENNIAL REVIEW																					
	2.3.1		A) ENHANCE EXTERNAL PROFILE OF RESEARCH EFFORTS IN DEPARTMENT THROUGH AWARD NOMINATIONS, FACULTY PUBLICITY FEATURES, ETC.	CME	FALL 2010						X						X		X		X	X	X		COE COMM. & MKTG.	
	2.3.1		B) IMPROVE MECHANISMS FOR COMMUNICATION WITH ALUMNI; WEB, SOCIAL NETWORKING, PRINTED NEWSLETTER	CME	FALL 2010						X						X		X		X	X	X		COE COMM. & MKTG.	
	2.3.1		C) ENHANCE EXTERNAL PROFILE OF RESEARCH EFFORTS IN DEPARTMENT THROUGH AWARD NOMINATIONS, FACULTY PUBLICITY FEATURES, ETC.	CE	FALL 2010						X						X		X		X	X	X		DIRECTOR OF COMMUNICATIONS	
	2.3.1		D) IMPROVE MECHANISMS FOR COMMUNICATION WITH ALUMNI; WEB, SOCIAL NETWORKING, E-MAIL NEWSLETTER	CE	FALL 2010						X						X		X		X	X	X		DIRECTOR OF COMMUNICATIONS	
			E) REVIEW SALARY COMPRESSION WITHIN THE DEPARTMENT	CE	2010-11 AY						X						X		X		X	X	X		DEAN	
			F) UPDATE THE CURRENT WEB SITE TO ANNOUNCE FACULTY, STUDENT, AND STAFF RESEARCH SUCCESS.	CENSE	UPDATE WEBSITE QUARTERLY																				COE COMMUNICATIONS & MARKETING	
	3.2.1		G) ENHANCE KTC'S WORK ENVIRONMENT AND EMPLOYEE SATISFACTION	KTC																					DEAN	
	1.1.3; 2.3.1; 3.2.2		H) ENHANCE RESEARCH EXCELLENCE / NATIONAL PROMINENCE OF KTC	KTC																						
	2.3.1		I) DEVELOP NEW PLAN FOR RECOGNITION OF RESEARCH AND SCHOLARSHIP BY FACULTY AND PROFESSIONAL STAFF	COMMUNICATIONS AND MARKETING	6/30/2011																					
	3.1.3		J) CREATE ENDOWED PROFESSORSHIP(S)	BME	AT LEAST PARTIAL ENDOWMENT BY FY14			IDENTIFY FOCUS OF THE PROFESSORSHIP		DISCUSS STRATEGY WITH DEAN AND DIR DEV		IDENTIFY ALUMNI FOR SOLICITATION							EVALUATE PROGRESS		EVALUATE PROGRESS	EVALUATE PROGRESS			DIR DEVELOPMENT; DEAN; VP DEVELOPMENT	
	3.2.2		K) OBTAIN SURVEY INFORMATION REGARDING COMPENSATION AND PROFESSIONAL DEVELOPMENT AT BENCHMARK BME PROGRAMS	BME	ACHIEVE SALARY ALIGNMENT WITH THE COLLEGE OF ENGINEERING'S FACULTY AND STAFF BY FY12			IDENTIFY SALARY COMPRESSION AND INVERSION		EVALUATE BME SALARIES IN RELATION TO OTHER PROGRAMS IN COE		DISCUSS INEQUITIES WITH DEAN						RE-EVALUATE BME SALARIES IN RELATION TO OTHER PROGRAMS IN COE		DISCUSS INEQUITIES WITH DEAN		RE-EVALUATE BME SALARIES IN RELATION TO OTHER PROGRAMS IN COE			DEAN	





