



[Power, Energy and Intelligent Systems Lab](#)

Program/ Course	Institution/City	Discipline	head of program	Phone number	email
Power, Energy and Intelligent Systems Lab	University of West Florida / Pensacola	energy optimization	Dr. Sukumar Kamalasan	850-857-6451	skamalasan@uwf.edu

A curriculum structure for an ‘adaptive and intelligent systems’ track within MS in computer science is under design and development. Courses include:

1. Digital and Adaptive Control
2. Intelligent Systems and Control
3. Advance networking and Control
4. Embedded Systems
5. Power Systems (electives)

Other educational activities include working towards an intelligent energy center/dissemination lab under Center of Sustainable Systems (currently discussions are underway). Also, research dissemination activities on intelligent power and energy control are planned through a demonstration house (BEST house).

[BEST House: Building Construction](#)

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BEST House: Building Construction	University of West Florida / Pensacola	energy optimization/ sustainability		850-474-2300	

The BEST House is a project of the Building Construction Program in the Department of Engineering and Computer Technology. It has been developed as a collaborative effort involving building partners and business contributors who are committed to “green” construction.

[Office for Sustainable Systems](#)

Program/ Course	Institution/City	Discipline	head of program	Phone number	email
Office for Sustainable Systems	University of West Florida / Pensacola	energy optimization/ sustainability	Dr. Karen Rasmussen	850-474-2300	krasmuss@uwf.edu

The Office for Sustainable Systems hosts initiatives related to energy and construction that concern the regional community, businesses, and industries in the Panhandle and South Alabama. In addition, educational outreach to K-20 teachers and students is conducted.