= Energy TECHNOLOGY

Start your TECHNOLOGY CAREER @ bossier parish community college

APPLY NOW! www.bpcc.edu/TEM

ENERGY SERVICES

Certifies students as a mechatronics technician involving the analysis, design, synthesis, and selection of systems that combine electronics, information technology and mechanical systems with modern controls, instruments, and microprocessors.

ENERGY CONSERVATION

Certifies students as building analysts with both foundational construction courses and energy conservation/sustainability courses for careers in energy management, air and water quality, and building performance.

- 15-month program
- Industry-demanded certification with companies waiting to hire graduates
- Living wage employment with streamlined opportunities for advancement
- Evening classes
- Transportation stipend
- Enhanced advising and assistance with financial aid forms, etc.

Grant provided by NFWS (National Fund for Workforce Solutions) initiative and its investors, JFF (Jobs for the Future), SIF (Social Innovation Fund) and The Community Foundation of North Louisiana

For more information, contact Stephanie Pedro, Program Coordinator
spedro@bpcc.edu or (318) 678-6434

Energy Conservation

33 credit hours

Foundation Academy (optional)

MATH 097-098:	Basic Mathematics/Beginning Algebra I6
Boardroom Workout:	Hands-on Critical Thinking
ENGL 098:	Fundamentals of Grammar
ENGL 099:	Fundamentals of Composition
EDUC 099:	College Success
Study Hall:	Applying Math and English Content

First Semester

CIS 105:	Computer Concepts
MATH 099:	Beginning Algebra II
CONS 101:	Materials and Methods I
Math 129:	Applied Technical Math
CONS 102:	Materials and Methods II

Second Semester

CONS 103:	Air and Water Quality**
CONS 105:	Energy Usage Optimization**
CONS 107:	HVAC Optimization **
CONS 109:	Energy Audits**
CONS 180:	Energy Conservation Practicum**

Third Semester (8 weeks)

CONS 140:	Construction Safety and the OSHA Standards
CONS 150:	Construction Contracting and Laws
CONS 201:	BPI Building Analyst Certification Exam Prep *(non credit)*
CONS 150:	Construction Contracting and Laws

For more information, see www.bpcc.edu/TEM
(318) 678-6043

Energy Services

33 credit hours

Foundation Academy (optional)

MATH 097-098:	Basic Mathematics/Beginning Algebra I
Boardroom Workout:	Hands-on Critical Thinking
ENGL 098:	Fundamentals of Grammar
ENGL 099:	Fundamentals of Composition
EDUC 099:	College Success
Study Hall:	Applying Math and English Content

First Semester

TEED 145	Industrial Mechanical Theory I
TEED 146	Industrial Mechanical Theory II
ISAF 210	Industrial Safety and the OSHA Standard *
TEED 153	Hydraulics & Fluid Dynamics with Lab
MATH 129	Applied Technical Math
or MATH 102	College Algebra

Second Semester

TEED 101	Basic Electricity wth Lab
TEED 245	Pumps and Compressors wirh Lab
TEED 201	Basic Digital Electronics
TEED 203	Oil and Gas Instrumentation and Lab

Third Semester (8 weeks)

CIS 102	Problem Solving and Programming Techniques
TEED 260	Mechatronics Level 1 *
	OR approved TEED Elective

***NWLTC: Northwest Louisiana Technical College*