

ASSOCIATE OF APPLIED SCIENCE DEGREE

Alternative Energy - Wind

The Alternative Energy Wind Programs AAS Degree provides students with a unique applied foundation in renewable energy technology. The program's emphasis on vocational wind turbine technology is designed to give the student a strong footing for employment or transfer to any of our cooperative programs that are available at Missouri State University or Pittsburg State University. Students in the Alternative Energy program include engineering, science, and technology majors.

Orientation		1 hour
COLL	101 College Orientation	
Communications		9 hours
Written Communications (6 hours)		
ENGL	101* English Composition (3)	
ENGL	203* Technical Report Writing (3)	
Oral Communications (3 hours)		
SPCH	101 Fundamentals of Speech (3)	
Mathematics		3 hours
MATH	111 College Algebra (3)	
or	MATH 104 Technical Mathematics (3)	
Science		4 Hours
PHSY 104 Technical Physics (4)		
Missouri Constitution		3 hours
PLSC	103 National, State, Local Government (3)	
or	HIST 106 U.S. History I (3)	
Required Courses		38 hours
BSAD	103 Professional Development (2)	
CNS	101 Introduction to Electronics (3)	
CNS	115 Cisco Networking I (3)	
CONS	105 Introduction to Construction (3)	
CONS	143 Basic Electricity (3)	
CON		
S	231 Site Layout I (3)	
CON		
S	283 Advanced Electricity I (3)	
CON		
S	285 Advanced Electricity II (3)	
INTC	199 Topics: Basic Hydraulics (3)	
INTC	299 Topics: PLC Setup/Operation (3)	
ENER	132 Introduction to Wind (3)	
ENER	134 Turbine Trouble Shooting (3)	
ENER	232 Wind Turbines and Wind Farms (3)	
Approved Electives		3 hours
BSAD	125 Business Computer Applications (3)	
CONS	243 Construction Project Supervisor (3)	
CONS	253 Construction Project Manager (3)	
LOC	206 Career Exploration (2)	
NCCR Registration is available with this course load.		

Posted: 9-16-09 please consult our [college catalog](#) for the latest information on this program.