Associate in Applied Science (A.A.S.)

WIND ENERGY TECHNOLOGY

The **Associate in Applied Science in Wind Energy Technology** provides instruction and practical application of a variety of technical concepts and practices, including industry recognized maintenance practices in electrical, pneumatic, hydraulic and mechanical systems, computer control, data acquisition and periodic and predictive maintenance program usages.

EASTERN
West Virginia Community & Technical College

Name: _____ Student ID: _____

COMMENTS	COURSE	Credit Hours	Significance
	FIRST YEAR: FALL SEMESTER		
	ENL 101 – English Composition I OR	3	
	ENL 115 – Technical Communications	(3)	
	ELM 121 – Fundamentals of Hydraulics & Pneumatics	4	
	WTT 110 - Wind Safety and OSHA	4	
	WTT 120 – DC/AC Circuits	4	
	TOTAL	15	
	FIRST YEAR: SPRING SEMESTER		
	COURSE	Credit Hours	Significance
	ELM 217 – Industrial Maintenance Fundamentals	3	
	MTH 117 – Math for Technicians	4	
	WTT 150 – Industrial Motor Controls	4	
	WTT 160 – Power Generation and Transmission	4	
	TOTAL	15	
	SECOND YEAR: FALL SEMESTER		
	COURSE	Credit Hours	Significance
	CIS 114 – Intro to Computer Applications & Concepts	3	
	ELM 210 – PLC Fundamentals	3	
	ELM 218 – Maintenance Applications	3	
	WTT 211 – Wind Turbine Troubleshooting I	4	
	SSC 147 – Understanding Human Diversity	3	
	TOTAL	16	
	SECOND YEAR: SPRING SEMESTER		
	COURSE	Credit Hours	Significance
	WTT 230 – Supervisory Control and Data Acquisition	4	
	WTT 261 – Wind Turbine Troubleshooting II	4	
	WTT 278 Wind Technology Internship II OR	3	
	WTT 276 – Electromechanical Capstone	(3)	
	Natural Science Elective*	3	
	TOTAL	14	
	TOTAL HOURS FOR DEGREE	**60**	

Eastern West Virginia Community and Technical College is an EOE, ADA, AA institution.

15 to FINISH WEST VIRGINIA

To graduate on time, students need to maintain an average of 15 credit hours per semester.

+ENL 101, ENL 115 and MTH 117 may require corequisite coursework.

LANDMARK COURSES
are the key to graduation and completing your degree on time. They should be taken in the order suggested in the Academic Map.

INTERNSHIPS
are a structured work experience related to a student's major and/or career goal that should enhance a student's academic, career, and personal development.

CAPSTONE COURSES
are offered in the student's final semester. It is a course that ties together the learning objectives that faculty expect the student to have learned during the major.

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Comments	*Natural Science Electives	Credit Hours
	GSC 120 – Concepts in Environmental Science	3
	GSC 109 + 109L – General Physical Science (and Lab)	4
	GSC 110 + 110L + General Physical Science II (and Lab)	4
	BIO 101 + 101L – General Biology I (and Lab)	4
	BIO 102 + 102L – General Biology II (and Lab)	4
	PHS 115 – Applied Physics	3

Students enrolling in Electromechanical (ELM) and Wind Technology (WTT) courses will be assessed a laboratory fee for classes having a laboratory component. This fee is used to replace expendable materials, and to maintain and upgrade laboratory equipment. See advisor for details.