

# Energy Services and Technology (A.A.S. Degree)

2009 - 2011 Catalog

Major Code: 018

## REMEDIAL SEQUENCE (if Required)

ESL 02 (6)	→	ESL 03 (6)	→	ENG 09 (4)
ENG 01 (4)	→	ENG 02 (4)		
RDL 01 (5)	→	RDL 02 (5)		
MTH 01 (4)	→	MTH 05 (6)	→	MTH 06 (6)

## GRADUATION REQUIREMENTS

CAT - R	CAT - W	CAT - M
Writing Intensive Course I	Writing Intensive Course II	
2.0 GPA or higher		

## FRESHMAN REQUIREMENT

OCD 01
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<sup>1</sup> ENG 10 is designed for students who pass the CAT-R and score 6 on the CAT-W.

<sup>2</sup> HIS 11 is designed for students on the ENG 01/02 and/or RDL 01/02 level.

<sup>3</sup> Students planning to transfer should take MTH 30 and 31 instead of MTH 13 and MTH 23.

<sup>4</sup> Students planning to transfer should take PHY 31 instead of PHY 21.

<sup>5</sup> Choose from ART 10, MUS 10, any PEA one-credit course, CPR 10, or WFA 10.

## CORE REQUIREMENTS

ENG 10 <sup>1</sup>	Fundamentals of Composition and Rhetoric	<b>OR</b>	
ENG 11	Composition and Rhetoric I		3
CMS 11	Fundamentals of Interpersonal Communication		3
HIS 10	History of the Modern World	<b>OR</b>	
HIS 11 <sup>2</sup>	Introduction to the Modern World		3
MTH 13 <sup>3</sup>	Trigonometry and College Algebra		3
ENV 11	Introduction to Environmental Health	<b>OR</b>	
CHM 11	General College Chemistry I		4
<b>Subtotal:</b>			<b>16</b>

## REQUIRED AREAS OF STUDY

BUS 10	Introduction to Business	<b>OR</b>	
BUS 51	Business Organization and Management		3
ECO 11	Microeconomics	<b>OR</b>	
ECO 12	Macroeconomics		3
ENG 23	Scientific and Technical Writing		3
MTH 23 <sup>3</sup>	Probability and Statistics		3
PHY 21 <sup>4</sup>	Physics for Engineering Technology		4
CMS 12	Voice and Diction: Business and Professional Speech		2
XXX <sup>5</sup>	Restricted Elective		1
<b>Subtotal:</b>			<b>19</b>

## SPECIALIZATION REQUIREMENTS

ELC 11	DC Circuit Analysis		4
ELC 15	Computer Applications in Technology		2
EST 11	Introduction to Energy Technology		2
EST 15	Energy Economics		3
EST 21	Energy Analysis of Mechanical and Electrical Equipment		2
EST 31	Building Systems I		3
EST 32	Building Systems II		3
EST 41	Principles of Energy Management I		3
EST 42	Principles of Energy Management II		3
<b>Subtotal:</b>			<b>25</b>

**Total credits: 60**