

Engineering Technology: Clean Energy

Associate of Applied Science - Transfer (AAS-T) Degree Requirements

Course Number	Course Name	Credits	Notes
ACADEMIC CORE (35 CREDITS)			
MATH& 141	Precalculus I	5	_____
MATH& 142	Precalculus II	5	_____
MATH& 151	Calculus I	5	_____
CHEM& 161	General Chemistry	5	_____
PHYS& 114	General Physics I ¹	5	_____
ENGL& 101	English Composition I	5	_____
ECON& 201	Micro Economics	5	_____

ENGINEERING TECHNOLOGY CORE (12 CREDITS)			
ENGR 100	Engineering Orientation	2	_____
ENGR& 104	Intro to Engineering Design	5	_____
ENGR 115	Graphics	5	_____

CLEAN ENERGY TECHNOLOGY CORE (43 CREDITS)			
CENG 101	Energy & Society	3	_____
CENG 201	Energy Policy & Politics	5	_____
CENG 220	Energy Generation & Conservation	5	_____
ENET 100	Direct Current	5	_____
ENET 120	Alternating Current	5	_____
ENET 130	Semi-Conductors	5	_____
ENET 140	Operational Amplifier	5	_____
ENET 150	Digital	5	_____
ENET 264	Emerging Technology	5	_____

ELECTIVES (15 CREDITS) – *electives should be chosen carefully with the help of an advisor*

Elective I: _____

Elective 2: _____

Elective 3: _____

AAS-T DEGREE TOTAL = 105 CREDITS

Approved Electives:*

ENVS& 101	Intro to Env Science **
PHYS& 115	General Physics II **
ACCT& 201	Principles of Accounting I **
ACCT& 202	Principles of Accounting II **
BIOL& 160	General Biology w/lab **
POLY& 202	American Government**
CS& 131	Computer Science I: C++
ENET 160	Electronic Communication ⁺
ENET 212	Micro-Controller System I
ENET 213	Micro-Controller System II
ENET 245	Mechatronics I
ENET 246	Mechatronics II
PTECH 195	Green Energy
PTECH 196	Biodiesel

*Any substitutions must be approved by Engineering Technology department advisor

** Good choice for transfer students

+ Good choice from students wanting to take the electronics certification exam.

¹ Can substitute PHYS& 221 for PHYS& 114

Engineering Technology: Clean Energy

Certificate: Clean Energy Technology

13 credits

CENG 101	Energy & Society	3	_____
CENG 201	Energy Policy & Politics	5	_____
CENG 220	Energy Generation & Conservation	5	_____

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