TRANSFER INSTITIUTION(S):
_____
_____
_____

CITY COLLEGE
MONTANA STATE
UNIVERSITY BILLINGS

SUSTAINABLE ENERGY TECHNICIAN
ASSOCIATE OF APPLIED SCIENCE

ADVISING WORKSHEET 2016-2017

Name _____

Student ID _____

Jacket Student Central
Phone: 406-247-3019
Fax: 406-247-3095

Course			Credits	Grade	Semester	Equivalent
Recommended Preparatory Courses						
Required Preparatory Courses						
General Education Requirements						
CAPP	120	Introduction to Computers	3			
COMX	106	Communicating in a Dynamic Workplace	3			
M	114	Extended Technical Mathematics **or**	3			
M	121	College Algebra (preferred)				
WRIT	121	Intro to Technical Writing	3			
Required Courses						
DST	140	Introduction to Hydraulics	2			Substituted by ETEC 193
DST	141	Introduction to Hydraulics Lab	2			Substituted by ETEC 193
ELCT	130	Electric Motors and Generators	3			
ELCT	241	Electric Motor Controls	3			
ELCT	250	Programmable Logic Controllers	3			
ETEC	103	AC/DC/Electronics II	3			
ETEC	220	Electrical Power and Distribution I	3			Substituted by ETEC 192
HVC	110	Introduction to HVAC	3			
HVC	255	Advanced Controls	3			
NRGY	101	Introduction to Sustainable Energy	3			
NRGY	121	Climb Safety and Rigging	1			

Updated 5/25/2016

NRGY	220	Wind Turbine Equipment	3			
NRGY	235	Building Energy Efficiency	3			
NRGY	243	Fundamentals of Photovoltaic Design and Installation	3			
NRGY	299	Senior Capstone	3			
NTS	104	CCNA 1: Intro to Networks	4			
TRID	150	Environmental and Shop Practices	2			
TRID	185	Introduction to Industrial Power Systems	2			Substituted by ETEC 101
TRID	186	Introduction to Industrial Power Systems Lab	1			Substituted by ETEC 101

Restricted Elective

TOTAL MINIMUM CREDITS REQUIRED 65(66)*
***SEE ADVISOR FOR DETAILS**

A grade of "C" or higher is mandatory in all required courses

Restricted Elective to choose from:
DDSN 114 Introduction to CAD……..……3
ETEC 284 Digital Electronics…….4
NRGY 291 Special Topics……..……1-3
NRGY 298 Internship……...3

Suggested Plan of Study

First Semester	**Credits**	**Second Semester**	**Credits**
ETEC 101	3	ELCT 130	3
ETEC 103	3	ETEC 193	4
ETEC 192	4	NRGY 101	3
TRID 150	2	NRGY 121	1
M 114 or M 121	3	CAPP 120	3
WRIT 121	3	COMX 106	3
TOTAL	**18**	**TOTAL**	**17**

Third Semester	**Credits**	**Fourth Semester**	**Credits**
ELCT 241	3	ELCT 250	3
HCV 110	3	HVC 255	3
NRGY 220	3	NRGY 299	3
NRGY 235	3	NTS 104	4
NRGY 243	3	Restricted Elective	3
TOTAL	**15**	**TOTAL**	**16**

Transcript evaluation (if applicable completed) by: _____on _____

Program Specific Information

- Before a student can take part in the required (technical) courses in the Sustainable Energy program they must be at a math level of at least M 111 and a writing level of at least WRIT 104.

- Technical courses are very specific and sequential in order and semesters in which they are offered. Please consult with Academic Advisor for further details.

- Students that earn an AAS degree and want to further their education thus career; are able to go on for a Bachelor of Applied Science degree through MSUB. There are various thematic concentrations that a student can focus on to earn a BAS degree, one of which is Business. Contact Jacket Student Central or contact MSUB Advising Center at 406-657-2240 for further details.

2016-2017 AAS Sustainable Energy Plan of Study

Name_____

Student ID_____

Semester _____ **Semester** _____

Course	Credits	Course	Credits

Fall_____ **Spring**_____

Course	Credits	Course	Credits
ETEC 101	3	ELCT 130	3
ETEC 103	3	ETEC 193	4
ETEC 192	4	NRGY 101	3
TRID 150	2	NRGY 121	1
M 114 or M 121	3	CAPP 120	3
WRIT 121	3	COMX 106	3
Total		**Total**	

Fall_____ **Spring**_____

Course	Credits	Course	Credits
ELCT 241	3	ELCT 250	3
HVC 110	3	HVC 255	3
NRGY 220	3	NRGY 299	3
NRGY 235	3	NTS 104	4
NRGY 243	3	Restricted Elective	3
Total		**Total**	

Number of earned credits that apply toward degree: _____

Number of credits left to earn for degree: _____

CERTIFICATION: The courses listed are **required** for the student's degree.

Advisor Signature: _____ Date: _____

Student Signature: _____ Date: _____