## HVAC Plan of Study

Name	e of Prog	ram: <u>Air Co</u>	onditioning Techi	nology Cred	ential: <b>Diploma</b>	
Locat	ions:	Somerset/l	Laurel	Program Liaison:	Eddie Brown	
STUI	DENT N	AME:				
Stude	ent ID Nu	ımber				
FIRS'	T SEME	STER				Credit hour
	ACR	100	Refrigeration Fu	ndamentals		3
	ACR	101	Refrigeration Fu	ndamentals Lab		2
	ACR	102	HVAC Electricit	y AND		3
	ACR	103	HVAC Flectricit	v Lah OR		2

	ACR	103	HVAC Electricity Lab OR	2
			Comparable Electricity Course*	
	ACR	295	Special Problems III (EPA Certification) (Elective)	3
	CIT	105	Computer Literacy Course/ Digital Literacy course OR	0-3
			demonstrated competency	
			Transitional Reading	(3)
			Total Semester Credits	13-16
SECO	OND SE	MESTER		Credit hours
	ACR	170	Heat Load/Duct Design	3

SECOND SEMESTER Cred			Credit hours	
	ACR	170	Heat Load/Duct Design	3
	ACR	250	Cooling and Dehumidification	3
	ACR	251	Cooling and Dehumidification Lab	2
	ACR	130	Electrical Component	3
	ACR	131	Electrical Component Lab	2
			Transitional Math	(3)
			Social Science, Behavioral Science, Natural/Applied	3
			Science or Mathematics	
			Total Semester Credits	16

THIRD SEMESTER			Credit hours	
	ACR	260	Heating and Humidification	3
	ACR	261	Heating and Humidification Lab	3
	ACR	270	Heat Pump Application	3
	ACR	271	Heat Pump Application Lab	2
	ACR	290	Journeyman Preparation (Elective)	3
	ACR	298	Practicum (Elective)	2
			Writing/Accessing information, Oral Communications,	3
			Humanities/Heritage/Foreign Language	
			Transitional Classes	(3)
			Total Semester Credits	19

## \*Comparable Electricity Courses:

EET	154	Electrical Construction I AND
EET	155	Electrical Construction I Lab OR
ETT	112	Basic Electrical Theory: Tele-net-working AND
ETT	113	Basic Electrical Theory Lab OR
<b>ENGT</b>	110	Circuits I OR
IMT	110	Industrial Maintenance Electrical Principles AND
IMT	111	Industrial Maintenance Electrical Principles

Student Signature	Date
Advisor Signature	