

Energy Management Building Controls Technician Option

Schedule for Fall 2017 Enrollment

First Year

Classes	Credits
BT 123 MS EXCEL for Business	4
MTH 095 Intermediate Algebra	5
NRG 101 Introduction to Energy Management	3
CST 110 Blueprint Reading 1	3
PH 101 Fundamentals of Physics	4
Total Credits	19

Classes	Credits
CS 133JS Beg. Programming: JavaScript	4
CS 179 Introduction to Computer Networks	4
NRG 111 Residential/Light Commercial Energy Analysis	3
PH 102 Fundamentals of Physics	4
Total Credits	15

Classes	Credits
NRG 103 Sustainability in The Built Environment	3
NRG 121 Air Conditioning System Analysis	3
NRG 124 Energy Efficiency Methods	4
NRG 131 Lighting Fundamentals	3
NRG 206 Co-op Ed: Internship Seminar (Online)	2
Total Credits	15

Classes	Credits
Choice of:	4
WR 121 Introduction to Academic Writing	
WR 121_H Introduction to Academic Writing	
NRG 280 Cooperative Education: Energy Management	6
Total Credits	10

Second Year

Classes	Credits
NRG 122 Commercial Air Conditioning System Analysis	3
NRG 123 Energy Control Strategies	4
NRG 185 Lighting Controls	4
WR 227 Technical Writing	4
Total Credits	15

Classes	Credits
NRG 112 Commercial Energy Use Analysis	4
NRG 181 Direct Digital Controls 1	4
NRG 182 Commercial HVAC Controls	4
Human Relations Requirement	3
Total Credits	15

Classes	Credits
NRG 184 Direct Digital Controls 2	4
NRG 183 Controls Retuning and Troubleshooting	4
NRG 142 Energy Accounting (w/30% from NRG 141)	3
PE/Health Requirement	3
Total Credits	14

Total Program Credits	103
------------------------------	------------

NOTES:

- It is HIGHLY suggested completing BT 123 and/or MTH 095 prior to program enrollment.
- To avoid class loads, take classes over the summer. PE/Health, WR 121 & WR 227 are currently offered every term including summer. MTH095 is offered every term (including summer) but must be completed with a passing grade prior to enrolling in Second Year Fall classes.
- Human Relations is offered Fall, Winter & Spring but NOT summer.
- Second Year Spring Term is INTENTIONALLY left with a low number of credits. Many students may find it beneficial to wait to do their Cooperative Ed. till the end of the program. If that's the case, all PE/Health should be taken prior.