

ASNUNTUCK COMMUNITY COLLEGE

Technology Studies: Energy Management* - Certificate

Student Name: _____

Student ID#: _____

Offered <i>F all, Sp ring, or Su mmer</i>	Semester/Year Plan to Take	Course #	Course Title	Credits	Semester/Year Completed/ Transferred in	Grade
--	-------------------------------	----------	--------------	---------	---	-------

Requirements:

See catalog		NRG*101	Introduction to Energy & Systems^^	3		
F, Sp, Su		+MAT*137 OR +MAT*137S	Intermediate Algebra OR Intermediate Algebra Embedded with Elementary Algebra	3-4		
See catalog		+PHY*121	General Physics I (prerequisite: "C" or better in MAT*137 or 137S, or two years of high school algebra, or math assessment test)	4		
See catalog		+NRG*123	Energy Efficiency Methods (prerequisite NRG*101)^^	3		
See catalog		+NRG*122 OR NRG*133	Commercial HVAC Systems & Analysis (prerequisite: NRG*123 and PHY*121)^^ OR Lighting Fundamental & Applications^^	3		
Total Credits Required: 16-17						

^^Course needs to be taken at TxCC and then credits transferred to ACC upon completion. 44%-47% of the Certificate program can be taken at ACC and the rest of the courses need to be taken at TxCC. PHY*122 can be cross-listed between ACC and TxCC and the credits would be awarded by ACC. ACC is required to award no less than 25% of the program credits in order to grant the Certificate.

Reviewed by: _____

Date: _____

Reviewed by: _____

Date: _____

Program Information

Outcomes: This certificate in Energy Management provides students with practical courses and valuable skills to evaluate energy use patterns and make recommendations for energy and cost savings in commercial and/or industrial buildings. Students have the choice to focus their certificate training on either; Commercial HVAC Systems and Analysis or Lighting Fundamentals and Applications.

Employment Information: The degree option enables a candidate to explore options within the field of Commercial HVAC Systems and Analysis or Lighting Fundamentals and Applications. The rapid growth of commercial building energy efficiency projects in CT has created long-term demand for qualified energy analysts. Unlike traditional construction jobs, energy jobs are considered recession-resistant. Starting salaries for degree candidates are between \$40,000 and \$60,000 annually.

***Becoming Connecticut State Community College:** STUDENTS: The Community Colleges are undergoing a merger with a plan to become Connecticut State Community College in fall 2023; please work closely with your advisor/program coordinator to select your courses accordingly. See page 53 of the 2021-2022 College Catalog for more detail about this

Contact Information

**Please contact the Program Coordinator, Arben Zeqiraj, for more information at 860.253.3079 or
azeqiraj@asnuntuck.edu.**

Notice of Non-discrimination: Asnuntuck Community College does not discriminate on the basis of race, color, religious creed, age, sex, national origin, marital status, ancestry, present or past history of mental disorder, learning disability or physical disability, sexual orientation, gender identity and expression or genetic information in its programs and activities. In addition, the College does not discriminate in employment on the basis of veteran status or criminal record. The following individuals have been designated to handle inquiries regarding the non-discrimination policies: Timothy St. James, Interim Dean of Students/Title IX Deputy, tstjames@asnuntuck.edu (860) 253-3011 and Deborah Kosior, 504/ADA Coordinator, AS-DisabilityServices@asnuntuck.edu (860) 253-3005, Asnuntuck Community College, 170 Elm Street, Enfield, CT 06082.

+Prerequisite required

*Common Course Number

7/26/2021