



20000 68th Ave W  
Lynnwood, WA 98036-5999  
www.edcc.edu

# Energy Management Associate of Technical Arts Degree Program Requirements 2011-2012

**Student Name** \_\_\_\_\_  
**Student ID** \_\_\_\_\_

**Program Description** Individuals pursuing a degree in energy management will be able to apply basic energy management and technical skills in support of businesses as well as electric, gas, and water utility companies and community action agencies engaged in developing energy-efficiency applications for homes and businesses. The program includes instruction in principles of energy and energy management, the technologies and techniques allowing for energy efficiency and conservation, energy end-use analysis, monitoring systems, energy-use accounting, project management, and report preparation and presentation skills.

**Degree Outcomes** Outcomes for Edmonds Community College degrees and certificates can be found in the online college catalog at the bottom of each degree or certificate. To find specific outcomes, click on the degree or certificate from the program list in the online catalog at <http://catalog.edcc.edu>.

**Common Course Numbering Changes** Please refer to [www.edcc.edu/ccn](http://www.edcc.edu/ccn) for more information.

**Credit/Grade Requirements** This ATA degree requires successful completion of a minimum of **95** credits as outlined. A minimum of 30 credits or one-third of the required credits, whichever is less, must be earned at Edmonds Community College. Students are required to maintain a minimum cumulative grade point average of 2.0 in all college-level courses.

**General Education/Related Instruction Requirements** Students who complete degrees or certificates of 45 credits or more are required to demonstrate learning in the following general education/related instruction areas: communication skills, computation/quantitative skills, and human relations/group interaction.

**Cultural Diversity** Edmonds Community College requires that students earning a degree or certificate of 45 credits or more meet the Cultural Diversity Requirement. Courses that satisfy this requirement are marked as “:CD” on the requirement sheet and/or “Meets Cultural Diversity Requirement” in the quarterly class schedule.

**Students are advised to**

- Plan their schedule several quarters in advance in order to accommodate courses that are offered only once or twice a year
- Review the college catalog for required course prerequisites and include these in schedule planning
- Communicate with a faculty adviser

**Graduation Application** A completed Graduation Application form must be submitted to Enrollment Services by the 10<sup>th</sup> day of the quarter in which the student expects to graduate. Forms are available at Enrollment Services located in Lynnwood Hall, or online at [www.edcc.edu/credentials/](http://www.edcc.edu/credentials/)

**Adviser** The adviser for this program is  
Alison Pugh      alison.pugh@edcc.edu      425-640-1509

**College Resources**

Department Website	<a href="http://www.edcc.edu/energy">http://www.edcc.edu/energy</a>
Home Page	<a href="http://www.edcc.edu">http://www.edcc.edu</a>
How to Enroll	<a href="http://getstarted.edcc.edu">http://getstarted.edcc.edu</a>
Transfer Center	<a href="http://transfer.edcc.edu">http://transfer.edcc.edu</a>
Advising appointments	425-640-1458
College Bookstore	<a href="http://bookstore.edcc.edu">http://bookstore.edcc.edu</a>

Course			Qtr	Credit	Grade
<b>I. General Education/Related Instruction Requirements (20 credits)</b>					
<b>Communication Skills – 10 credits</b>					
ENGL	100	Introduction to College Writing	OR	_____	_____
ENGL&	101	English Composition I	OR	_____	_____
BSTEC	110	Business Communications:CD		5	_____
<b>AND</b>					
BSTEC	108	Business Presentations	OR	_____	_____
CMST&	220	Public Speaking		5	_____
<b>Computation/Quantitative Skills – 5 credits</b>					
BUS	130	Business Math	OR	_____	_____
MATH&	107	Mathematics in Society		_____	_____
MATH	_____	_____	*	5	_____
<b>Human Relations/Group Interaction – 5 credits</b>					
MGMT	100	Human Relations/Organization:CD		5	_____
<b>II. Technology Requirement (5 credits)</b>					
BSTEC	130	Computer Fundamentals	OR	_____	_____
BSTEC	224	Spreadsheet (Excel)		5	_____
<b>III. Core Requirements (61 credits)</b>					
ENRGY	100	Introduction to Energy Management		3	_____
ENRGY	102	Energy Basics		5	_____
ENRGY	105	Introduction to Sustainability		3	_____
ENRGY	120	Energy Efficiency: Design, Const. & Retrofit		5	_____
ENRGY	130	Energy Assessment and Analysis I		5	_____
ENRGY	135	Energy Accounting		3	_____
ENRGY	140	Commercial Lighting		5	_____
ENRGY	145	Building Operations and Maintenance		5	_____
ENRGY	230	Energy Assessment and Analysis II		5	_____
ENRGY	245	Energy Management Planning and Operations		5	_____
ENRGY	250	Energy Efficiency Program Planning & Design		5	_____
CIT	110	Energy Efficiency Technician		2	_____
MGMT	214	Principles of Management		5	_____
MGMT	270	Project Management I		5	_____
<b>IV. Career Management/Internship (3 credits)</b>					
BUS	290	Professional Development Seminar		1	_____
BUS	291	Business Internship		2	_____
<b>V. Electives (6 credits minimum)</b>					
ACCT	101	Fundamentals of Accounting		5	_____
ACCT&	201	Principles of Accounting I		5	_____
ACCT&	202	Principles of Accounting II		5	_____
ACCT&	203	Principles of Accounting III		5	_____
BSTEC	294	Career Management	OR	3	_____
JOB DV	110	Resumes and Interviewing		1	_____
CIT	103	Core Construction Skills I		4	_____
CIT	104	Core Construction Skills II		3	_____
CONST	141	Blueprint Reading		4	_____
ENRGY	150	Renewable Energy Systems		3	_____
LEGAL	254	Environmental Law		5	_____
MGMT	130	Principles of Marketing		5	_____
MGMT	131	Introduction to Sales		5	_____
MGMT	215	Business Information Management		5	_____
MGMT	271	Project Management II		5	_____
OSH	140	Regulatory Environment		3	_____

**Explanatory Notes**

\* Any college level course in designated department

Adviser's Signature	Date	Dean's Signature	Date