

Energy Management Degree (EGD)

This program will help students gain skills needed to work in energy services industries. Employment opportunities are expected to grow due to increased federal funding in energy management. Courses will focus on a variety of content areas such as energy auditing, renewable energy, building performance, and sustainability.

Number	Suggested Course Order	Cr	Semester	Grade	Prerequisites/Notes
ENG101	English Composition I	3			ENG100, RDG100, FYE101, or placement
MAT126	Topics in Mathematics (or higher)	3			MAT096 or placement
EGM104	Renewable Energy Sources	4			ENG100, MAT092, RDG100, FYE101, or placement
EGM100	Engineering and Architectural Graphics	3			ENG100, MAT092, RDG100, FYE101, or placement
EGM105	Introduction to Energy Management Principles	3			ENG100, MAT092, RDG100, FYE101, or placement
ENG102	English Composition II	3			ENG101
EGM106	Energy Efficiency and Conservation Methods	3			ENG100, MAT092, RDG100, FYE101, or placement
EGM125	Energy Analysis and Auditing	4			ENG100, MAT092 RDG100, FYE101, or placement
EGM140	Energy Project Costs and Funding Solutions	3			EGM105
EGM115	Sustainability and the Built Environment	4			ENG100, RDG100, FYE101, or placement
CIS 127	Computer Technologies	3			ENG100, RDG100, FYE101, or placement
	Professional Elective	3/4			Electives: EET103, EGM110, EGM220 or by approval of division dean
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	Social Science Elective	3			Electives: ANT, DSI, PSY, SOC, GEO, HIS, POL, ECO, SSC
	Professional Elective	3/4			Electives: EET103, EGM110, EGM220 or by approval of division dean
EGM130	Energy Control Strategies	3			MAT096 or placement, EGM115 (or co-requisite)
EGM280	Sustainable Building Operations and Maintenance	4			EGM104, EGM105, EGM106, EGM115; EGM130 (or co-requisite)
EGM290	Energy Industry Internship	3			24 credits in Energy Management program
	Health Elective	2/3			Electives: BIO101, BIO103, BIO112, BIO230, CHC101, CHC108, CHC220, EXS201, PER126, PER127, PER130
	Humanities Elective	3			Electives: ART, ASL, ENG, FRE HUM, MUS, PHL, SPA, THE
Total: 63/67 credits					

Campus/format: A majority of this program can be completed during the evening at the Devens Campus.

Special requirements: Students must meet technical standards with or without accommodations.

Transfer options: This program is intended for immediate career entry.

Career options: Entry-level employment as energy auditors, energy management specialists, and building performance specialists.

Earning potential: \$18.31 per hour.

See page 117 of the college catalog for program competencies and technical standards.