



CCEM 102 Community-Based Renewable Energy

OVERVIEW This course provides an introduction to sources of renewable energy for heat and power and how they can support sustainability, energy and greenhouse gas management goals across the community and in municipal operations. Course content includes:

- Introduction to technologies including solar, geothermal, biomass, wind, waste heat & other sources
- Process steps from idea to implementation
- Issues to address at each step
- Guidance on conducting pre-feasibility and feasibility studies for renewable energy
- Factors affecting viability of heat and power options
- Sources of funding for studies and implementation



OUTCOMES Case studies of operational projects will highlight challenges met and overcome and provide guidance from project implementers. After completing this course, students will understand the wide variety of renewable energy sources available, how to determine which options might be viable for their communities and organizations and how to proceed with implementing a renewable energy project.

REQUIREMENTS This course includes an interactive webinar (adjusted for time zones), on-line learning, guided independent reading and video review, peer interaction and periodic quizzes/examinations.

INSTRUCTORS Our multi-disciplinary instruction team has over 50 years of combined experience with communities, climate, and energy.

PRE-REQUISITES CCEM 101 (or equivalent level of experience) is recommended.

Register Now at www.communityenergy.bc.ca/edu

Register for the full *Certificate in Community Energy Management Program*

Register for the entire program, receive CEA's *Certificate in Community Energy Management* and a **30% discount** (like getting almost two classes for free).

- CCEM 101 Energy & Emissions Planning
- CCEM 102 Community-Based Renewable Energy
- CCEM 103 Green Energy & Local Economic Development
- CCEM 104 Financing & Governance for Green Energy Systems
- CCEM 105 Reducing Energy Use in New & Existing Buildings
- CCEM 106 Low Carbon Transportation
- CCEM EXM Integrated Exam for Certification

CERTIFICATE PROGRAM	
CEA MEMBERS	\$1,500
NON-MEMBERS	\$1,900
LEARNING HOURS	180
START	JANUARY 2015
END	DECEMBER 2015

Registering more than 5 people in your organization? Become a CEA Member and save more! For more information on Community Energy Association membership, visit our website at: www.communityenergy.bc.ca/about/join-cea/ or call 604-628-7076. CEA has been the trusted independent advisor to local governments on climate and energy for 20 years.