



Renewable Energy for the Developing World is a 3-credit university level course.

The course will be team taught by instructors from
Madison Area Technical College
and
Solar Energy International



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SEI

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Solar Energy International
Renewable Energy for a Sustainable Future

Course attributes at a glance

- Students complete an 8 week online course
- Nine days spent in Mastatal, Costa Rica working on renewable energy installations.
- Credits earned may be applied towards the MATC Global Studies Certificate as well as the CERET Renewable Energy Certificate



Mastatal (population ~ 120)

Costa Rica

- International boundary
- - - Province boundary
- ★ National capital
- ⊙ Province capital
- ⚡ Railroad
- Road

0 25 50 Kilometers
0 25 50 Miles



Solar Electric Installation and Maintenance



RE4DW credits are also applicable to MATC's Renewable Energy Certificate

Madison Area Technical College
Renewable Energy Certificate
Certificate
Applied Engineering? Program Cluster
Program offered at Madison Campus
For more information call: (608) 246-6521

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Curriculum

10-468-100	Intro to Renewable Energy Technology
10-468-110	OR Energy Management(online)
Total	

Plus at least 3 credits from among these courses:

10-468-120	Alternative Fuel and Electric Vehicles (online)
10-468-130	Energy Efficiency (online)
10-468-140	Energy Storage (online)
10-468-150	Energy Policy (online)
10-468-160	Energy Economics (online)
10-468-170	Energy Law (online)
10-468-180	Energy Ethics (online)
10-468-190	Energy History (online)
10-468-200	Energy Future (online)

About the Certificate

The MATC Renewable Energy Certificate is designed to provide students with the theoretical knowledge necessary for a career in energy management and renewable energy technology. Students acquire hands-on skills in troubleshooting, maintenance, installation, operation and repair and replacement of related equipment.

The certificate requires a minimum of 12 credits of coursework. Students may choose from online and face courses in several areas of emphasis including transportation, photovoltaics, solar thermal, wind

Certificate credits may be combined with additional coursework to enhance traditional diploma, degree transfer and associate programs at MATC. The certificate may be combined with additional training, job experience and/or professional examinations to qualify for certification by national renewable energy institutions.



MATC International Education

Renewable Energy for the Developing World (RE4DW) is a new course created with partial funding from U.S. Department of Education.

RE4DW credits may be applied towards MATC's global studies certificate

MATC Global Studies Certificate

15 Credits of International Focus Courses

+

Foreign Language

+

Study Abroad



For More Information Please Contact:

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