

# ESS 0030 Beginning Photovoltaic Systems

## Fall 2013

Hours: 108 (54 lecture, 54 laboratory)

Description: Introduction to photovoltaic concepts, applications, and the solar energy industry. Includes basics of electricity, load estimation, energy efficiency, solar site surveying, photovoltaic system components, sizing, financial analysis, design, installation concepts, and maintenance. This course taken with ESS 32 prepares students to sit for the NABCEP PV Entry Level Certificate of Knowledge exam. (CSU)

[Important Section Information](#)

Course Corequisites: NONE

<p>Section Information as of 25-AUG-2013 06:08:57 PM</p> <ul style="list-style-type: none"> <li>Title: ESS 0030 Beginning Photovoltaic Systems</li> <li>CRN: 83328</li> <li>Credit Hours: 4</li> <li>Credit Hours:</li> <li>Credit Hours:</li> <li>Instructor: Steve Geiger</li> <li>Instructor: Steve Geiger</li> <li>Instructor: Steve Geiger</li> <li>Classroom Instructional Method</li> <li>Section Corequisites: NONE</li> <li>Bldg/Room: RG 222 -- Roseville Gateway Center</li> </ul> <p><b>Section Information Text</b></p> <p>Class meets Mon and Wed plus Sat, Nov 10. in the field. Students will need to provide their own transportation to the off site location.</p> <p><a href="#">Campus Maps</a></p>	<p style="text-align: center;"><b>Meeting Time</b></p> <table> <tr> <td>M</td> <td>04:30pm - 08:05pm</td> <td>08/26/13</td> <td>12/14/13</td> </tr> <tr> <td>W</td> <td>04:30pm - 07:05pm</td> <td>08/26/13</td> <td>12/14/13</td> </tr> <tr> <td>S</td> <td>TBA</td> <td>11/02/13</td> <td>11/02/13</td> </tr> </table> <p style="text-align: center;"><b>Seating Availability    Waitlist Availability</b></p> <table> <thead> <tr> <th>Capacity</th> <th>Taken</th> <th>Available</th> <th>Capacity</th> <th>Taken</th> <th>Available</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>20</td> <td>0</td> <td>20</td> <td>4</td> <td>16</td> </tr> </tbody> </table> <p style="text-align: center;"><b>Critical Dates for this Course</b></p> <table> <tr> <td>Term:</td> <td>Fall 2013</td> </tr> <tr> <td>Last day to add class:</td> <td>15-SEP-13</td> </tr> <tr> <td>Last day to drop with a refund:</td> <td>15-SEP-13</td> </tr> <tr> <td>Last day to drop without a "W":</td> <td>15-SEP-13</td> </tr> <tr> <td>Last day to drop with a "W":</td> <td>06-NOV-13</td> </tr> <tr> <td>Census Date:</td> <td>16-SEP-13</td> </tr> </table>	M	04:30pm - 08:05pm	08/26/13	12/14/13	W	04:30pm - 07:05pm	08/26/13	12/14/13	S	TBA	11/02/13	11/02/13	Capacity	Taken	Available	Capacity	Taken	Available	20	20	0	20	4	16	Term:	Fall 2013	Last day to add class:	15-SEP-13	Last day to drop with a refund:	15-SEP-13	Last day to drop without a "W":	15-SEP-13	Last day to drop with a "W":	06-NOV-13	Census Date:	16-SEP-13
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