<table>
<thead>
<tr>
<th>Syllabus for</th>
<th>Residential Wiring II– Eureka Campus</th>
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</thead>
<tbody>
<tr>
<td><strong>Semester &amp; Year</strong></td>
<td>Spring 2017</td>
</tr>
<tr>
<td><strong>Course ID and Section #</strong></td>
<td>CT78B E1004</td>
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<tr>
<td><strong>Instructor’s Name</strong></td>
<td>Grant Lay</td>
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<tr>
<td><strong>Day/Time</strong></td>
<td>Thu 6:05-10:20</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>AT108</td>
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<tr>
<td><strong>Number of Credits/Units</strong></td>
<td>2.0</td>
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</tbody>
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### Contact Information
- **Office location**: AT106
- **Office hours**: Tues 5-6
- **Phone number**: No CR phone
- **Email address**: grant-lay@redwoods.edu

### Textbook Information
- **Title & Edition**: Electrical Wiring Residential
- **Author**: Ray C Mullins
- **ISBN**

### Course Description
A study of the basic electrical wiring as it relates to residential construction. Topics include: electrical theory, residential wiring circuits, blueprint reading, materials selection, installation methods, basic code requirements, and practice in wiring the student project house.

### Student Learning Outcomes
1. Interpret residential electrical wiring plans.
2. Select proper size materials.
3. Design an electrical wiring diagram for a single family residence.
4. Calculate line drop, proper service size and amperage loads for single family residence.
5. Lay-out and rough-in general purpose lighting and receptacle circuits.

### Special Accommodations
College of the Redwoods complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. Please present your written accommodation request at least one week before the first test so that necessary arrangements can be made. No last-minute arrangements or post-test adjustments will be made. If you have a disability or believe you might benefit from disability related services and may need accommodations, please see me or contact Disabled Students Programs and Services. Students may make requests for alternative media by contacting DSPS at 707-476-4280.

### Academic Support
Academic support is available at Counseling and Advising and includes academic advising and educational planning, Academic Support Center for tutoring and proctored tests, and Extended Opportunity Programs & Services, for eligible students, with advising, assistance, tutoring, and more.

### Academic Honesty
In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student’s status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may
receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at:
www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProcedure rev1.pdf Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the college catalog and on the College of the Redwoods website.

Disruptive Classroom Behavior

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor’s directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process a disruptive student may be temporarily removed from class. In addition, he or she may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at:
www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProcedure rev1.pdf Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the college catalog and on the College of the Redwoods website.

Emergency Procedures for the Eureka campus:

Please review the campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). The Eureka campus emergency map is available at: (http://www.redwoods.edu/Eureka/campus-maps/EurekaMap_emergency.pdf). For more information on Public Safety, go to http://redwoods.edu/safety/ In an emergency that requires an evacuation of the building:
• Be aware of all marked exits from your area and building.
• Once outside, move to the nearest evacuation point outside your building:
• Keep streets and walkways clear for emergency vehicles and personnel.
• Do not leave campus, unless it has been deemed safe by the Incident Commander or campus authorities. (CR’s lower parking lot and Tompkins Hill Rd are within the Tsunami Zone.)

RAVE – College of the Redwoods has implemented an emergency alert system. In the event of an emergency on campus you can receive an alert through your personal email and/or phones at your home, office, and cell. Registration is necessary in order to receive emergency alerts. Please go to https://www.GetRave.com/login/Redwoods and use the “Register” button on the top right portion of the registration page to create an account. During the registration process you can elect to add additional information, such as office phone, home phone, cell phone, and personal email. Please use your CR email address as your primary Registration Email. Your CR email address ends with “redwoods.edu.” Please contact Public Safety at 707-476-4112 or security@redwoods.edu if you have any questions.
Required:
Electrical Wiring Residential, Ray C. Mullin
Building plans for Project House

Grading:
Based on running point total for attendance, homework & final:
10pts for attendance, 5pts if late or leave early, 0 pts if absent(no excuses)
Late homework will be ½ credit
100-90%- A
89-80%- B
79-70%- C
69-60%- D
59% & below- F

Required tool list:
- Tool belt & bag    - Utility knife or cable stripper
- Tape measure     - Needle nose pliers    - #2 squaredrive
- Hammer          - Linesman's pliers    - Screwdriver
- Slot screwdriver - Safety glasses
- Wire stripper    - Phillips screwdriver