PART “A”: SUGGESTED FORMAT TO BE COMPLETED BY INSTRUCTOR

Norco College

A college of the Riverside Community College District

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**Section:**

**Dates:**

**Instructor: Email:**

**Office/Phone: Office Hours:**

**Class Hours: Class Location:**

**Section Code:**

**INTRODUCTION AND WELCOME:**

**PREREQUISITE/ADVISORY:**

**COURSE DESCRIPTION**:

**STUDENT LEARNING OUTCOMES**:

* **Apply National Electrical Code (NEC) requirements to the installation of given electro-mechanical and solid state motor control , protection, timing and sequencing devices, while explaining motor control theory during the connection, testing, and troubleshooting of the typical components of a standard motor control circuit configuration.**
* **Draw assigned wiring diagrams for low and high voltage circuits that may include schematic symbols for control transformers, pilot devices, push button switches, selector switches, pressure switches, float switches, flow switches, limit switches, temperature switches, and other proximity detectors that may be used with a typical Programmable Logic Controller (PLC).**
* **Explain and demonstrate understanding of a typical PLC by wiring inputs and outputs, including power supply and peripheral components, then programming the PLC to perform assigned functions, that may include various analog and digital operations, including Proportional, Integral and Derivative (PID) functions, and control schemes.**
* **Distinguish between AC and DC generator designs comparing parts, functions, operations and characteristics of each.**

**TEXTBOOK REQUIREMENTS:**

**COURSE POLICIES**

Including policies about missed assignments or exams.

**CHANGES TO SYLLABUS**

This syllabus is subject to change made by the instructor and posted or distributed during any class session.

**CLASSROOM POLICIES**

**IMPORTANT DATES (check web advisor and select “My schedule/deadlines”)**

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| Last day to add: |  |
| Last day to drop with a refund and without a W: |  |
| Last day to drop with a W: |  |

**PART B: COLLEGE INFORMATION (REQUIRED)**

**Adding this class**

Students wanting to add this section will need to be provided with a four digit add/authorization code. If you receive an add authorization code, you are responsible for completing the add process ***before*** the deadline to add. This deadline can be found in the Schedule of Classes available online. Add codes can be processed through your WebAdvisor account. **If you fail to add the class by the deadline, you are not officially enrolled and college policy prohibits you from continuing to attend class.**

Be aware that your failure to pay fees/fines, to document prerequisites, to clear academic holds, or to navigate personal problems may hinder you from adding this section. Please allow sufficient time to take care of these issues ***before the deadline to add***. Adding this course after the published deadline will require documented extenuating circumstances involving severe illness, accident, or death.

**The use of an add/authorization code issued to another student violates the Student Code of Conduct and the student will be referred to the Dean of Student Life for disciplinary action**. **The unauthorized use of an add code is grounds for removal from the course.**

**Dropping this class**

You may withdraw from this course by using WebAdvisor prior to the drop deadline. The deadline is available on WebAdvisor by selecting “My Class Schedule/Deadlines” after logging in. If there is a hold restricting use of WebAdvisor for this purpose, you may bring a completed ADD/DROP card to the Admissions counter of the college and complete the process there. It is the student’s responsibility to drop this class should he/she decide no longer to attend.

**ACADEMIC INTEGRITY:**

Norco College is committed to maintaining academic integrity throughout the college community. Academic dishonesty is a serious offense that can diminish the quality of scholarship, the academic environment, the academic reputation and the quality of a Norco College degree. The Student Handbook states:

In cases of academic dishonesty by a student, a faculty member may

1. Reduce the score on test(s) or assignment(s);
2. Reduce the grade in the course;
3. Fail the student in the course if the weight of the test(s) or assignment(s) warrants course failure;
4. Recommend suspension from the course (see further details in Student Handbook).

Academic dishonesty includes but is not limited to:

1. Plagiarism – the intentional presentation of words, ideas or work of others as one’s own. This includes but is not limited to: copying homework, using a work or portion of a work written or created by another but not crediting the source and using one’s own work completed in a previous class for credit in another class without permission. The usual consequence of academic dishonesty is failure of the course and referral of the case to the appropriate dean for additional disciplinary action. Students may discuss assignments but are expected to complete all work independently.
2. Cheating During Examinations – includes, but is not limited to, unauthorized electronic assistance or devices, copying from another, looking at another student’s exam and opening books when not authorized.  
   Any of these practices could result in charges of academic dishonesty.

**Accommodations for Disabilities**

Norco College provides services to students with disabilities through the Disability Resource Center (DRC); located in the Center for Student Success Building. To request academic accommodations due to a disability, please visit the DRC or contact the DRC staff at 372-7070. A DRC staff member will confidentially review your concerns with you to determine any required accommodations. Once your accommodations are approved through DRC, please bring your DRC documentation(s) to me so that we may discuss your accommodations.

**Violence on Campus**

Norco College does not tolerate any violence or implied violence. A threat of violence includes any behavior that by its very nature could be interpreted by a reasonable person as intent to cause physical harm to self, another individual, or property. Violence or the threat of violence against or by any **student** or employee of the District or any other person is unacceptable **and will not be tolerated**. Should an individual on District property, who is not an employee or student, or a student or employee of the District, demonstrate or threaten violent behavior, s/he may be subject to criminal prosecution (AP 3510 Workplace Violence and Safety).

If you are a victim of any violent, threatening, or harassing conduct, any witness to such conduct, or anyone receiving a report of such conduct, [. . .] shall immediately report the incident to his/her supervisor of College Safety and Police (951- 222-8171) (AP 3510 Workplace Violence and Safety).

**PART B: COLLEGE (CONTINUED) OPTIONAL**

**DECLARING A PROGRAM OF STUDY**

Declaring your Program of Study in WebAdvisor is important.  Norco College contacts students that have declared a certificate/degree for internships and job opportunities in that specified field.  Also, by declaring your certificate/degree goal, you can use the “Academic Review” tool in WebAdvisor which will calculate exactly what classes you still need to take to finish your certificate/degree and graduate.   If you have questions about a field of study, please schedule an appointment with a counselor to discuss this important issue.

**STUDENT SERVICES**

Norco College offers excellent services for all students. These services include help with disability accommodations, financial aid, finding jobs, academic counseling, health services, veteran’s services, tutoring and [more](http://www.norcocollege.edu/services/Documents/Norco-Handbook-15-16.pdf). Here is a partial list of resources available to you:

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|  | **Disability Resource Center (DRC)** | (951) 372-7070 |
| Center for Student Success | [drc@norcocollege.edu](mailto:drc@norcocollege.edu) |
|  | **Veterans Services** | (951) 372-7142 |
|  | Student Services Building, First Floor | [veterans.services@norcocollege.edu](mailto:veterans.services@norcocollege.edu) |
|  | **Student Support Services** | (951) 372-7149 |
|  | Student Services Building | [hortencia.cuevas@norcocollege.edu](mailto:hortencia.cuevas@norcocollege.edu) |

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|  | **EOPS/CARE (**Extended Opportunity Programs and Services/Cooperative Agencies Resources for Education) | (951) 372-7128 |
| Center for Student Success | [eops@norcocollege.edu](mailto:eops@norcocollege.edu) |

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|  | **CalWORKs (California Work Opportunity and Responsibility for Kids)** | (951) 372-7052 |
| Center for Student Success | [norcocalworks@norcocollege.edu](mailto:norcocalworks@norcocollege.edu) |

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|  | **Learning Resource Center (LRC)** | (951) 739-7896 |
| Wilfred J. Airey Library, First Floor | [lrc@norcocollege.edu](mailto:lrc@norcocollege.edu) |

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|  | **Student Health and Psychological Services** | (951) 372-7046 |
| Wilfred J. Airey Library Building, Lower Level | [lisa.mcallister@norcocollege.edu](mailto:lisa.mcallister@norcocollege.edu) |

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|  | **Student Financial Services** | (951) 372-7009 |
| Student Services Building, First Floor | [studentfinancialservices@norcocollege.edu](mailto:studentfinancialservices@norcocollege.edu) |

**Special Programs:**

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|  | **Honors Program** | (951) 739-7815 |
| Ana-Marie Olaerts | [ana-marie.olaerts@norcocollege.edu](mailto:ana-marie.olaerts@norcocollege.edu) |
|  | **John F. Kennedy Middle College High School** | (951) 738-2200 ext. 6008 |
|  | Erin Cole, Student Advisor | [ecole@cnusd.k12.ca.us](mailto:ecole@cnusd.k12.ca.us) |
|  | **Puente** | (951) 738-7745 |
|  | Dr. Maria Jurado | [maria.jurado@norcocollege.edu](mailto:maria.jurado@norcocollege.edu) |

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|    | **Study Abroad** | (951) 222-8385 |
| **Phoenix Scholars (Foster Youth)**  Ruth Jones, Student Success Coach | [Study.Abroad@rccd.edu](mailto:Study.Abroad@rccd.edu)  (951)738-7743  [Ruth.Jones@norcocollege.edu](mailto:Ruth.Jones@norcocollege.edu) |
|  | **UMOJA** | (951) 738-7707 |
| Sean Davis Counselor/Coordinator | [sean.davis@rccd.edu](mailto:sean.davis@rccd.edu) |

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|  | **Engineering Pathways**  [www.norcocollege.edu/stempathways](http://www.norcocollege.edu/stempathways) | (951) 739-7803  [stem@norcocollege.edu](mailto:stem@norcocollege.edu) |
|      | **Tutorial Services** | (951) 372-7143 |
| Wilfred J. Airey Library Building, Lower Level  **ALLY**  Jan Muto, Ph.D.  Associate Professor, Communication Studies  **Unity Zone**  Gustavo Oceguera, Ed.D.  Dean, Grants and Student Equity Initiatives  Center for Student Success, 2nd Floor, Room 216 | [norcotutorial@norcocollege.edu](mailto:norcotutorial@norcocollege.edu)  (951) 372-7032  [jan.muto@norcocollege.edu](mailto:jan.muto@norcocollege.edu)  (951)739-7885  [Gustavo.Oceguera@norcocollege.edu](mailto:Gustavo.Oceguera@norcocollege.edu) |

**Especially for online courses**

**FOR TECHNICAL ASSISTANCE**

Online and hybrid courses are available exclusively in the Canvas learning management system.  You can contact **Canvas Support** toll free at **(844) 603-4264**24 hours a day/7 days a week for support and help with Canvas problems.   
You can also click the **Report a Problem** link under the **Help & More** link on the Canvas login screen, or from the Canvas Global Navigation menu.  For WebAdvisor assistance, please contact Admissions & Records at 951-372-7003.

Academic honesty is as highly valued at the Online campus, as it is at Norco College’s face-to-face classes. A student must always submit work that represents his or her original words or ideas. If any words or ideas are used that do not represent the student’s original words or ideas, then the student must cite all relevant sources. The student should also make it clear the extent to which such sources are used. Words or ideas that require citations include, but are not limited to, all hardcopy or electronic publications, whether copyrighted or not, and all verbal or visual communication when the content of such communication clearly originates from an identifiable source. At the Online campus, all submissions to any public meeting or private mailbox fall within the scope of works and ideas that require citations if used by someone other than the original author. Academic dishonesty in an Online learning environment could involve the following:

* Having a tutor or friend complete a portion of your assignments
* Having a reviewer make extensive revisions to an assignment
* Copying work submitted by another student to an online venue
* Using information from on-line information services without proper citation

**PART C: INSTRUCTOR COMPLETES SCHEDULE**

**It is recommended that the class schedule be the last document in the syllabus for easier changes that may occur during the semester.**

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| **Date** | **Chapter Reading/Assignments** |
| Week 1 |  |
| Week 2 |  |
| Week 3 |  |
| Week 4 |  |
| Week 5 |  |
| Week 6 |  |
| Week 7 |  |
| Week 8 |  |
| Week 9 |  |
| Week 11 |  |
| Week 12 |  |
| Week 13 |  |
| Week 14 |  |
| Week 15 |  |
| Final |  |