

Electronics Technology

Instructor: **Roger Smith**

Location: **North Building, RM 231**

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Curriculum

NIDA courseware, Chaney training kits, Glencoe's Electronics rainbow series, CIMC General Electronics Technician series, and Parallax's Stamps in Class series.

Courses

Hand and Power Tools (15 hrs.)

Electrical Safety (15 hrs.)

DC Circuits (120 hrs.)

Soldering (15 hrs.)

Mechanical Fasteners and

Terminals (15 hrs.)

Instruments and Measurements (15 hrs.)

Electromechanical Devices (45 hrs.)

AC Circuits (180 hrs.)

Semiconductor Devices (90 hrs.)

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Linear Circuits (90 hrs.)

Data Communications (120 hrs.)

Microprocessor Systems (60 hrs.)

Digital Systems (90 hrs.)

Course Evaluation

Skills	20%
Quiz	20%
Exams	30%
<u>Daily Grade (daily assignments)</u>	<u>30%</u>
Total	100%

Grades will be issued according to the following scale:

Above	90%	A
	80-89%	B
	70-79%	C
	60-69%	D
Below	60%	F

I – Incomplete (Given for not completing course or owing make-up.)

W – Withdraw (Given when student withdraws from SWTC or exceeds attendance policy.)

Attendance

All students will be required to be in attendance ninety (90) percent of the time. This means you cannot miss more than 4 days during a nine week period. Three tardy slips equal 1 absence. Students are counted tardy if they arrive to class within 59 minutes from the start of class. After this time, students are considered absent. If you are in high school and miss more than 5 days, you will not be given credit for this course for the semester and be terminated the following semester. If you are an adult and miss 5 days, you will be terminated as a student and not allowed to enroll the next semester unless you file and are granted an appeal. Students must submit an appeal to the Chief Operating Officer and/or Student Services Director with documented extenuating circumstances for admittance back into the course. If you violate the attendance policy, you will lose your eligibility with financial aid and it cannot be appealed.

*** If any member of the class believes that (s)he has a disability and is in need of special academic accommodations, the instructor will work with you in order to provide reasonable accommodations. This will help ensure that you have an equal opportunity to perform in this class. Please advise the instructor of such a disability and the desired accommodations at some point before, during, or immediately after the first scheduled class period.